



European
Society of
Pathology

36th European Congress of Pathology

*Multidimensional Pathology –
Cornerstone of modern diagnostics*

7–11 September 2024

Fortezza da Basso, Florence, Italy

www.esp-congress.org

**Final
Programme**



European
Society of
Pathology

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► Host Organisation

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www.esp-pathology.org

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► Congress Venue

Fortezza da Basso
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50129 Florence, Italy
www.firenzefiera.it
Entrance: Porta Faenza

Welcome Address



Peter Schirmacher



Gabriella Nesi

Dear Colleague,

The European Society of Pathology (ESP) and the Italian Society of Pathology welcome you to the 36th European Congress of Pathology (ECP 2024). It will take place in the Congress Centre, Fortezza da Basso, of the wonderful city of Florence from 7–11 September 2024. Over the last years ECP has become the worldwide leading congress in Pathology and the Florence congress will increase this legacy with top contributions in diagnostic training, research and education. For these few days in September, pathologists, clinicians, molecular biologists, geneticists, bioinformaticians, IT experts as well as our industry partners will gather together for ECP 2024 and will make Florence the capital of Pathology.

The motto of the ECP 2024, Multidimensional Pathology – Cornerstone of modern diagnostics, reflects the fact that Pathology as no other medical discipline has integrated novel technologies – such as electron microscopy, immunohistology, molecular diagnostics and recently computational pathology (and more to come) – into its portfolio while safely relying on classical histology in its broad spectrum of diagnostic services. By this, Pathology has gained a position as one of the forefront innovation drivers in medicine and a key player in medical decision making. ECP 2024 is dedicated to provide up-to-date insight into the whole spectrum of modern diagnostic and translational tools and achievements that characterize Pathology and its contribution to innovative diagnostics.

The ESP working groups and affiliated Societies have planned excellent state-of-the-art organ- and topic-based sessions providing the latest developments in diagnostic Pathology. Special sessions focusing on hot topics and recent research findings are organised jointly with our cooperating scientific societies. Keynote lectures held by internationally recognized experts will provide the cutting edge of Pathology, Research and Development and all these highlights are complemented by many oral free, poster and educational sessions which provide ample possibilities for presentation of your own research.

We are delighted to welcome you to Florence!

A handwritten signature in blue ink, appearing to read 'Peter Schirmacher'.

Peter Schirmacher, Germany
*President of the European Society
of Pathology*

A handwritten signature in black ink, appearing to read 'Gabriella Nesi'.

Gabriella Nesi, Italy
*Chair of the Local Organising Committee
of ECP 2024*

► Brief Description of the ESP

The European Society of Pathology (ESP), established in 1963, has its headquarters in Brussels and represents the leading European force in Pathology with more than 4,500 active members, 25 Working Groups (WG) and affiliated societies and 30 national pathology societies. Its vision is “excellence in pathology for optimal patient care”.

The primary aim of ESP is to promote high-quality pathology diagnosis for all patients, to promote up-to-date education across Europe and to support cutting-edge research to understand disease and translate science into clinical practice. The ESP organises an annual congress, holds several virtual and on-site postgraduate courses each year through the European School of Pathology and others, and has an official journal “Virchow Archiv”. The ESP interacts with national pathology societies in Europe and has a significant number of established collaborations with other European organisations, clinical and scientific associations, and international pathology societies. All ESP educational and training programmes (e.g., Courses, ESP Academy, Giordano Fellowship) and scientific activities will inevitably advance pathology in Europe and greatly facilitate communication between European pathologists.

The ESP Foundation, established in 2016, provides educational and training programmes in different pathology areas as well as external quality assessment (QA) programmes for several biomarkers. Diagnostic laboratories worldwide participate in the ESP Foundation QA schemes, such as Lung, Colon and PDL1. For more information, please visit

<https://www.esp-pathology.org/>

Office of the ESP

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► Scientific/Organising Committee

Peter Schirmacher, Germany
Aleš Ryška, Czech Republic
Xavier Matias-Guiu, Spain
Fátima Carneiro, Portugal
Raed Al Dieri, Belgium
Gabriella Nesi, Italy
Daniela Massi, Italy
Filippo Fraggetta, Italy
Angelo Paolo dei Tos, Italy

► ESP Executive Committee and Council

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President-elect:

Xavier Matias-Guiu, Spain

Secretary:

Janina Kulka, Hungary

Treasurer:

Maria Rosaria Raspollini, Italy

Past President:

Aleš Ryška, Czech Republic

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Miriam Cuatrecasas, Spain

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Roger Feakins, UK

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Arno van Leenders, The Netherlands

Chair of the Advisory Board:

Dina Tiniakos, Greece/UK

ESP Director General:

Raed Al Dieri, Belgium

▶ Working Groups of the ESP

Chair of the ESP Working Groups: Aleš Ryška, Czech Republic

1. **Autopsy Pathology**
Chair: C. Basso, Italy
Co-Chair: G.-E. Olteanu, Romania
2. **Breast Pathology**
Chair: Z. Varga, Switzerland
Co-Chair: Z. Bago-Horvath, Austria
3. **Cytopathology**
Chair: G. Troncone, Italy
Co-Chair: S. S. Prince, Switzerland
4. **Dermatopathology**
Chair: B. Luzar, Slovenia
Co-Chair: V. Damaskou, Greece
5. **Digestive Diseases Pathology**
Chair: R. Feakins, UK
Co-Chair: I. Esposito, Germany
6. **Digital and Computational Pathology**
Chair: I. Zlobec, Switzerland
Co-Chair: A. Polónia Oliveira, Portugal
7. **Electron Microscopy**
Chair: R. Kain, Austria
Co-Chair: V. Papa, Italy
8. **Endocrine Pathology**
Chair: S. Uccella, Italy
Co-Chair: M. Dettmer, Germany
9. **Gynaecological Pathology**
Chair: B. Davidson, Norway
Co-Chair: A. Felix, Portugal
10. **Head and Neck Pathology**
Chair: S. Ihrler, Germany
Co-Chair: A. Sandison, UK
11. **History of Pathology**
Chair: R. Henriques de Gouveia, Portugal
Co-Chair: J. Gulczyński, Poland
12. **Infectious Diseases Pathology**
Chair: A. Mataič, Croatia
Co-Chair: R. Langer, Austria
13. **Molecular Pathology**
Chair: O. Carpen, Finland
Co-Chair: M. Ilić, France
14. **Nephropathology**
Chair: H. Hopfer, Switzerland
Co-Chair: A. Perkowska-Ptasińska, Poland
15. **Paediatric and Perinatal Pathology**
Chair: A. Coulomb, France
Co-Chair: R. Alaggio, Italy
16. **Pathology in Favour of Developing Countries**
Chair: G. de Falco, UK
Co-Chair: M. Martini, Italy
17. **Pulmonary Pathology**
Chair: P. Hofman, France
Co-Chair: S. Berezowska, Switzerland
18. **Soft Tissue and Bone Pathology**
Chair: D. Baumhoer, Switzerland
Co-Chair: F. Amary, UK
19. **Thymic and Mediastinal Pathology**
Chair: J. von der Thüsen, The Netherlands
Co-Chair: A. Roden, USA
20. **Uropathology**
Chair: M. Colecchia, Italy
Co-Chair: D. Ertoy Baydar, Turkey

▶ Affiliated Societies

- ▶ **Cardiovascular Pathology**
President: C. Basso, Italy
Educational Councilor and AECVP representative for ESP: G. D'Amati, Italy
- ▶ **Haematopathology**
President: L. Quintanilla-Fend, Germany
Scientific Secretary: J. Goodlad, UK
- ▶ **Neuropathology (Euro – CNS)**
President: B. Winther Kristensen, Denmark
Secretary General: Z. Jaunmuktane, UK
- ▶ **Ophthalmic Pathology**
President: R. M. Verdijk, The Netherlands
- ▶ **Paediatric Pathology**
President: Jelena Martinovic, France
Secretary: Alfons Nadal, Spain

► **Manuel Salto-Tellez (United Kingdom)**

Prof. Manuel Salto-Tellez (MD-LMS, FRCPath, FRCPI) is Professor on Integrative Pathology at the Institute for Cancer Research in London (ICR), and the lead of the Royal Marsden Hospital / ICR Integrated Pathology Unit. He is also the Chair of Molecular Pathology at Queen's University Belfast (QUB), a clinical consultant pathologist and the Lead of QUB's Precision Medicine Centre of Excellence.

Prof. Salto-Tellez studied Medicine in Spain (Oviedo), Germany (Aachen) and The Netherlands (Leiden). He specialized in Histopathology in the UK (Edinburgh and London) and in Molecular Pathology in USA (Philadelphia). For more than 10 years he worked at the National University of Singapore and its National University Hospital, where he was associate professor, senior consultant, director of the Diagnostic Molecular Oncology Centre, Vice-dean for Research and senior scientist at the Cancer Research Institute.

Prof. Salto-Tellez is author or co-author of more than 320 internationally peer-reviewed articles in translational science, molecular pathology and diagnostics, has published a similar number of abstracts in international conferences, and is editor or contributor to some of the key textbooks of pathology and oncology, including the WHO Blue book on Digestive Tract (5th edition, co-editor); Ian Talbot, Ashley Price, Manuel Salto-Tellez. Biopsy Pathology in Colorectal Disease, 2Ed, Hodder Arnold; and the Oxford Textbook of Oncology. Third Edition. Edited by David J. Kerr, Daniel G. Haller, Cornelis J. H. van de Velde, and Michael Baumann.

Prof. Salto-Tellez has served in key committees in cancer and academia, at national and international levels, and holds more than £21M in competitive grant funding, including major programmes with CRUK, UKRI and NIHR. He is scientific advisor to 2 companies in the digital pathology and artificial intelligence space.



Manuel Salto-Tellez

► **Anna Sapino (Italy)**

Professor Anna Sapino is Professor of Surgical Pathology at the University of Torino (IT) and serves as the Head of the Department of Medical Sciences Sciences-University of Torino (IT). She also holds the position of Scientific Director at the Institute of Cancer Research, Fondazione del Piemonte per l'Oncologia FPO-IRCCs Candiolo (TO), Italy, and is the President of the Italian Institute for Genomic Medicine.



Anna Sapino

Prof. Sapino leads a well-consolidated research group focusing on improving the quality of diagnostic tests and innovating pathological diagnosis. Her work emphasizes enhancing the pre-analytical phase in surgical pathology to ensure optimal downstream analysis quality. Additionally, she validates new biomarkers for personalized therapeutic approaches and enhances the efficacy of established biomarkers for targeted therapy.

She has authored over 400 peer-reviewed papers, garnering more than 14,000 citations and has received numerous accolades, including the 2018 Carrier Award of the German IAP, the Women of Talent (IT)-Award in 2019 and the 2022 International award from Scuola Medica Salernitana for her commitment in medicine, ethics, and high managerial skills in the health field. She worked for several years as President of the Association of Women operated for Breast Cancer (Torino-IT) and Chair of the Working Group of Breast Pathology of the ESP.

► **Günter Klöppel (Germany)**

Günter Klöppel is Emeritus Professor of Pathology of the University of Kiel since 2009 and consultant for pancreatic and endocrine tumours at the Department of Pathology of the Technical University of Munich, Germany. In 1970, he obtained an MD (Dr.med.) from the University of Hamburg and a PhD in Pathology in 1976. He was Professor of Pathology and Director of the Department of Pathology at the Academic Hospital Jette and the Department of Experimental Pathology at the Free University of Brussels, Belgium from 1987 to 1995. From 1995 to 2009 he headed the Department of Pathology of the University of Kiel, Germany.

He is a member of the German Academy of Sciences Leopoldina and several other societies. He was President of the German Society of Pathology (2002) and the European Society of Pathology (1999-2001). He has been the recipient of numerous awards, including the Ferdinand Bertram Award of the German Diabetes Society, the Jühling Award, the Lifetime Achievement Awards of the European Pancreatic Club (EPC), and the European Neuroendocrine Tumour Society (ENETS), and the German Cancer Award for Clinical Research. He is Honorary Member of the European, Spanish and Austrian Society of Pathology, the Belgian Society of Gastroenterology, and the EPC. From 1996 to the present day, he contributed as editor and author to the development of the World Health Organisation (WHO) classifications of digestive diseases and endocrine neoplasms. Since 2009 he works as an auditor for the ENETS Centre of Excellence Programme.

His scientific contributions comprise research on classification and genetics of pancreatic and extra-pancreatic neuroendocrine neoplasms, the precursor lesions of pancreatic ductal adenocarcinoma and their molecular progression, the description and classification of special pancreatic tumour types, the pathology and pathogenesis of non-neoplastic pancreatic diseases such as alcoholic and autoimmune pancreatitis, diabetes, cystic fibrosis, and nonneoplastic hyperinsulinemic hypoglycemia. He has authored/co-authored more than 500 peer-reviewed articles and book chapters and edited 14 books.



Günter Klöppel

► **Abbas Agaimy (Germany)**

Dr. Abbas Agaimy, M.D., holds the position of Professor & Deputy Director at the Institute of Pathology, Friedrich-Alexander-University Erlangen-Nuremberg, University Hospital, Erlangen, Germany. He pursued his medical education at the University of Khartoum, Sudan, and regraduated after a complementary study from the University of Freiburg/Breisgau, Germany. Dr. Agaimy completed his residencies in Histopathology at various German clinics and earned board certification in anatomic pathology from the Bavarian Medical Council.



Abbas Agaimy

Throughout his career, Dr. Agaimy has garnered recognition through prestigious awards such as the Dr. Hans und Elisabeth Birkner-Stiftung's Award, Sarcoma Research Prize, and GIST Prize. Notably, he has been acknowledged as one of the top 2% most-cited scientists globally in the field of pathology. He actively contributes to the academic community by serving on the editorial boards of esteemed leading journals in the field (The American Journal of Surgical Pathology, Modern Pathology & Histopathology) and "Virchows Archiv," where he currently holds the position of Editor-in-Chief.

A dedicated member of various pathology societies such as the International Academy of Pathology/USCAP and the European Society of Pathology, Dr. Agaimy's research interests encompass a wide array of areas including head & neck cancer, GI stromal tumours (GIST), GI & pancreatobiliary cancer, soft tissue tumours/sarcoma, undifferentiated malignancies, hereditary tumour syndromes, and SWI/SNF-deficient neoplasia.

With over 600 PubMed-listed publications to his credit and a cumulative impact of over 4000, Dr. Agaimy's contributions to the field are substantial. His expertise extends to over 40 book chapters, including contributions to the World Health Organization (WHO) classification of tumours in various organ systems.

► Bursaries

The ESP has awarded bursaries to support the attendance of residents and trainees in pathology at the 36th European Congress of Pathology in Florence. Bursaries include a free registration to the congress as well as a monetary grant of EUR 250.

The ESP provides **two different types of bursaries**:

1. abstract-based bursaries to support the attendance of residents and trainees in pathology at the congress in Florence
2. bursaries for pathologists from under-resourced countries

► Recipients of abstract-based bursaries

María Augusta Abad Vintimilla, Spain
Alyssa Camille Ablaza, Philippines
Imola Adamik, Hungary
Kshitija Adhav, India
Maria Malina Agu, Romania
Oumayma Ait Ouhssain, Morocco
Ali Eren Akin, Turkey
Dipali Akolekar, India
Ahmet Ramazan Akur, Turkey
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Andreea Valentina Alexe, Romania
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Deema Alshaar, Syrian Arab Republic
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Ana Alves, Portugal
Maria Alzamora, Portugal
João Amaral, Portugal
Elise Andre, France
Tamara Angelovska, North Macedonia
Valentina Angerilli, Italy
Diana Aniceto Baptista, Portugal
Rania Aouadi, Tunisia
Inês Araújo, Portugal
Bruno Bernardo Ardaya Lopez, Spain
Marina Arias, Spain
Aleksandra Asaturova, Russia
Rabia Reyhan Askin, Turkey
Refik Selim Atamanalp, Turkey
Tuğçe Aydemir, Turkey
Julia Azevedo, Portugal
Gorkem Bal, Turkey
Teodora Ana Balan, Romania
Naciye Betül Barut, Turkey
Cesarina Altagracia Batista, Spain
Zineb Belcaid, The Netherlands
Ons Belhadj, Tunisia

Khouloud Ben Lazreg, Tunisia
Sarrah Ben Rejeb, Tunisia
Yasmine Ben Romdhane, Tunisia
Chafaa Benallal, Morocco
Havva Berber, Turkey
Sheenal Bhatia, India
Hülya Bilgi, Turkey
Beyza Binici, Turkey
Irene Blázquez Muñoz, Spain
Milica Bogosavljevic, Serbia
Asya Tuğçe Bol, Turkey
Adelin Bordea, Romania
Ons Boudaouara, Tunisia
Lobna Bouzidi, Tunisia
Mariana Simplício Brito, Portugal
Irem Buldum, Turkey
Kübra Bulut, Turkey
Diana Paula Burlacu, Romania
Gabriela Caballero, Spain
Giorgia Cacciola, Italy
Yasemin Cakir, Turkey
Andrea Canino, Italy
Zeynep Canturk, Turkey
Sofia Carralas Antunes, Portugal
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Mennan Yigitcan Çelik, Turkey
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Amalia-Georgiana Cernat-Stefan, France
Sanae Chaib, Morocco
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Lisa Johnston, United Kingdom
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Berik Kaliullayev, Spain
Hilal Kandemir, Turkey
Sahar Kanoun, Tunisia
Adil Aziz Khan, India
Rhea Khazen, Lebanon
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Deniz Köse, Turkey
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Víctor Macarrón, Spain
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Joana Madeira, Portugal

Asma Mahmoudi, Tunisia
João Pedro Maldonado, Portugal
Ines Mallek, Tunisia
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Filip Muresan, Romania
Makhlouf Nadia, Tunisia
Lusine Nazanyan, Armenia
Razvan Neagu, Romania
Andreea-Adriana Neamtu, Romania
Ngoc-Nhu Jennifer Nguyen, Canada
Alexandra-Iulia Nitu, Romania
Asli Noyan, Turkey
Basak Özcan, Turkey
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Alexandros Pergaris, Greece
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João Miguel Pimentel, Portugal
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Alba Prat, Spain
Andrea Quaranta, Italy
Sara Quinones, Spain
Nidhi Radhakrishnan, India
Zlatka Radicevic, Croatia
Marija Radošević, Serbia
Georgian-Nicolae Radu, Romania
Carolina Ramírez Sánchez, Spain
Victoria Silvia Recalde, Argentina
Rosa Rendon, Spain
Vladimir Risteski, North Macedonia
Renato Rocha, Portugal
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Miguel Rodrigues, Portugal
Amanda Rodríguez Villena, Spain
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Miriam Rubiera Valdés, Spain
Leonor Ruivo, Portugal
Iswarya S Nair, India
Diogo Sá, Portugal
Sebastian Matei Sabo, Romania
Maria Luisa Sacramento, Portugal
Zeynep Sagnak Yilmaz, Turkey
Vilma Salgado, Portugal
Serena Salzano, Italy
Cecilia Salzillo, Italy
Eva Paola Sánchez López, Spain
Inmaculada Sánchez Ramírez, Spain
Laura Sánchez, Spain
Fanni Santa, Hungary
Pablo Santiago Díaz, Spain
Alexandre Sayadi, France
Marta Semko, Ukraine
Mine Ilayda Sengör Aygün, Turkey
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Aysenur Sert, Turkey
Kateryna Sikora, Ukraine
Simina-Petra Simion, Romania
Lia Sisuashvili, Spain
Joana Sobreiro Furtado Silva, Portugal
Laura Elena Stanciu, Romania
Ivana Stanišić, Serbia
Teodora Stojanovic, Serbia
Milena Šunjevic, Serbia
Antonia Synchroni, Greece
Luca Szalai, Hungary
Rita Szodorai, Romania
Madalina-Gabriela Tanasa, Romania
Arshi Tandon, India
Dana Tapoi, Romania
Ana Elisa Teles, Portugal
Havva Gokce Terzioglu, USA
Nuray Tezcan, Turkey
Puja Thakur, India

Giordana Tinnirello, Italy
Iuliana-Anamaria Traila, Romania
Anna Tregubova, Russia
Roberta Maria Tripea, Romania
Vladan Trivunovic, Serbia
Ayse Türkmen Dedeoglu, Turkey
Tudor Turcu, Romania
Selin Turgut, Turkey
Asiye Üzümcü, Turkey
Melike Urganci, Turkey
Huri Kübra Uzkuç, Turkey
Aimée Jaycilaine Cicley Van Der Biezen,
Spain

Anna Vera Ditte Verschuur, The Netherlands
Sara-Alexandra Vese, Romania
Coca-Mihaela Vieru, Spain
Alon Vigdorovits, Romania
Mariana Natty Villca Huayta, Spain
Ana-Daniela Vitau, Romania
Paula Isabela Voinescu, Spain
Martina Vuletic, Croatia
Rahma Yaiche, Tunisia
Aysen Yavuz, Turkey
Simone Zanella, Italy
Mouna Zghal, Tunisia
Juzzy Tatiana Zúñiga Gaitán, Spain

► Recipients of non-abstract-based bursaries

Kasimu Adoke, Nigeria
Daniela Bajdevska Dukoska,
North Macedonia
Elif Kardelen Çağdas, Turkey
Begum Calim-Gurbuz, Turkey
Sanja Despotovic, Serbia
Kutsal Dogan, Turkey
Mariam Gabeshia, Republic of Georgia
Tamar Guchashvili, Republic of Georgia
Mehmet Gündüz, Turkey
Ismail Guzelis, Turkey
Ljubisa Jovanovic, Serbia
Bozidar Kovacevic, Serbia
Vladimir Kushnarev, Armenia
Petro Kuzyk, Ukraine

Tanja Lacic, Serbia
Blagjica Lazarova, North Macedonia
Rine Limani, Kosovo
Marrakchi Mohamed Lamine, Algeria
Ahmed Montasser, Egypt
Roman Moskalenko, Ukraine
Zeineb Nfikha, Tunisia
Ana Lia Nocito, Argentina
Milana Panjkovic, Serbia
Olga Parnytska, Ukraine
Labinot Shahini, Kosovo
Cansu Sönmez, Turkey
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Congratulations!



37th European Congress of Pathology

ECP Vienna – Tradition Meets Future

6 – 10 September 2025

Vienna, Austria

www.esp-congress.org

**Save
the date**

► CME Accreditation

The 36th European Congress of Pathology, Florence, Italy has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 30 European CME credits (ECMEC®s).

Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. Credits can be claimed online starting 12 September 2024. Delegates will be asked to evaluate the congress to claim their certificate(s).

Participants viewing the recordings after the event has taken place are entitled to CME credits, in the same way as the participants to the live event. The CME credits are granted, as for the live event, on the basis of actual “participation”, i.e. how many hours of live-stream or on-demand recording the participants have viewed. The maximum number of credits granted for watching the recordings will be the same as for the live event and cannot exceed this number whatever the number of sessions attended or viewed. A participant may not obtain credits for participating at the live event and watching the same sessions as recordings.

Access to all sessions (excl. Videomicroscopy Sessions) on-demand will be available until 11 October 2024 for non-members or 11 December 2024 for ESP members. Please note that certificates will not be sent automatically. If you watch several sessions on different days, please do not forget to request your updated certificate via the CME Portal again.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™.

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Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

| | CME credits full day | CME credits morning | CME credits afternoon |
|--------------|-------------------------|------------------------|--------------------------|
| 08 Sept 2024 | 8 | 4 | 4 |
| 09 Sept 2024 | 8 | 4 | 4 |
| 10 Sept 2024 | 8 | 4 | 4 |
| 11 Sept 2024 | 6 | 3 | 3 |

► Fortezza da Basso – Overview



3D-Tool

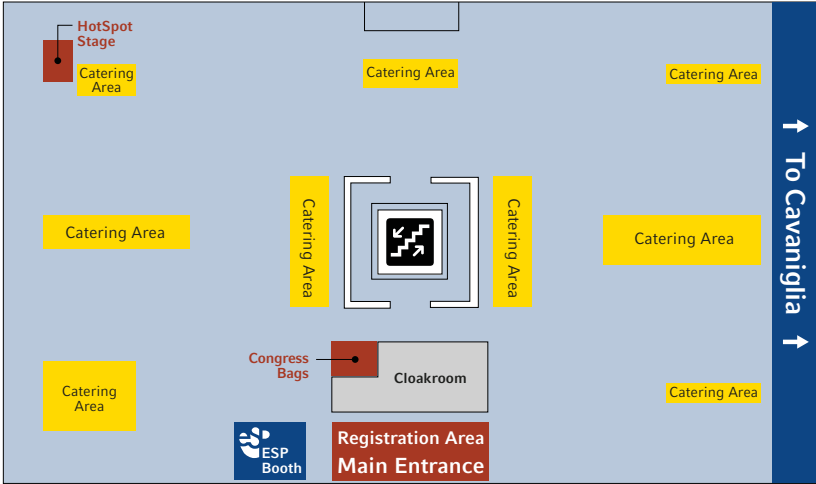
Fortezza da Basso



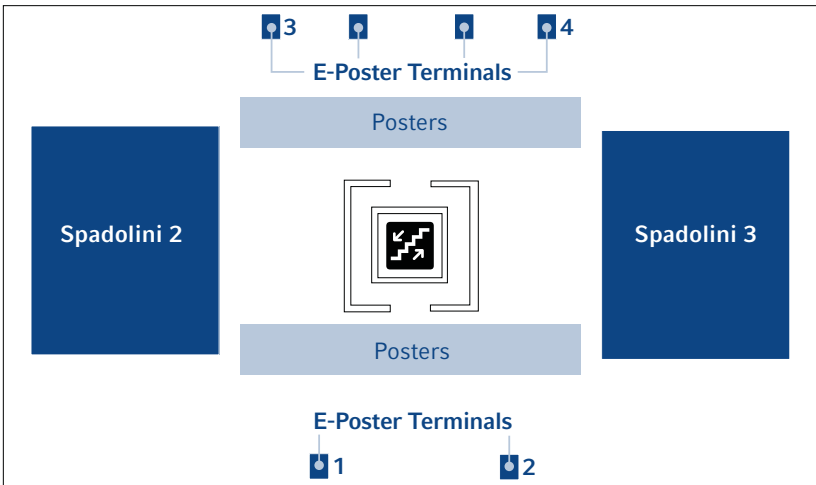
Venue Overview

▶ Spadolini Pavilion – Ground Floor

■ ECP Session Rooms ■ Exhibition

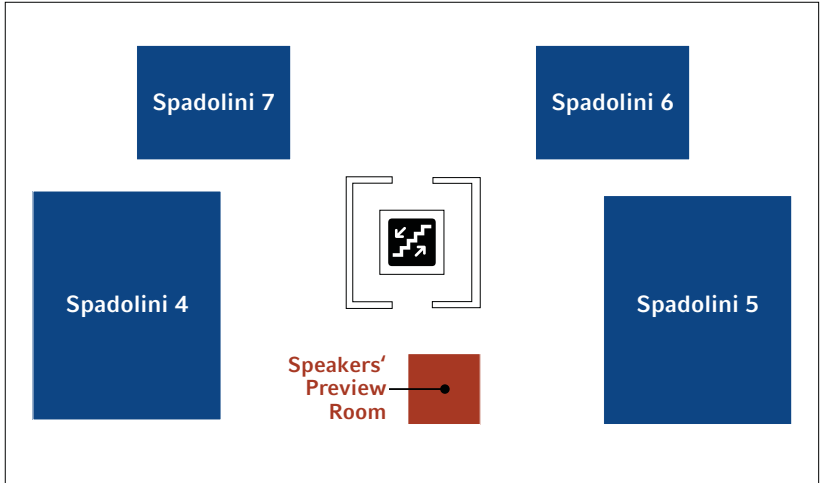


▶ Spadolini Pavilion – Upper Floor



► Spadolini Pavilion – Lower Floor

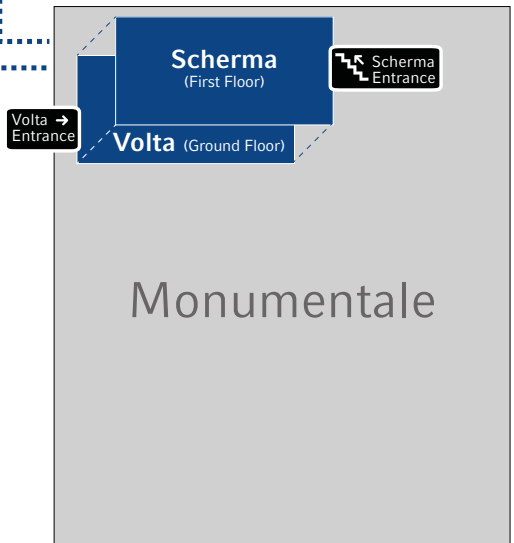
■ ECP Session Rooms



► Monumentale

To Spadolini
Pavilion ▲

To Cavaniglia ▲



► Colours and Abbreviation Codes of Sessions

Working Group Sessions

| | |
|----------------|---|
| AUT | Autopsy pathology |
| BREAST | Breast pathology |
| CARD | Cardiovascular pathology |
| CYTO | Cytopathology |
| DCP | Digital and Computational Pathology |
| DERM | Dermatopathology |
| DEVEL | Pathology in favour of developing countries |
| DIGE | Digestive diseases pathology |
| EM | Electron microscopy |
| ENDO | Endocrine pathology |
| GYNAE | Gynaecological pathology |
| HAEMA | Haematopathology |
| H&N | Head and neck pathology |
| HIST | History of pathology |
| INFE | Infectious diseases pathology |
| MOPA | Molecular pathology |
| NEPH | Nephropathology |
| NEURO | Neuropathology |
| OPHTH | Ophthalmic pathology |
| PAED | Paediatric and perinatal pathology |
| PULM | Pulmonary pathology |
| SO-TI | Soft tissue and bone pathology |
| THYM | Thymic and mediastinal pathology |
| URO | Uropathology |

Special Sessions

| | |
|----------------|---|
| KEYNOTE | Keynote Lecture |
| SPEC | Special Session ESP |
| SpS | Special Session |
| TR | Trainees' Session |
| MD | Molecular Pathology Diagnostics Symposium |
| CP | Computational Symposium |

► Formats

| | |
|-----------------|---------------------------|
| BPS | ► Best Poster Session |
| KNL | ► Keynote Lecture |
| LC | ► Long Course |
| OFF | ► Oral Free Paper Session |
| SC | ► Short Course |
| SPEC/SpS | ► Special Session |
| SS | ► Slide Seminar |
| SY | ► Symposium |
| TR | ► Trainees' Session |
| VM | ► Videomicroscopy |

▶ Associations/Societies collaborating in the Scientific Programme

- ▶ Arthur Purdy Stout Society (APSS)
- ▶ Association for European Cardiovascular Pathology (AECVP)
- ▶ European National Societies affiliated to the ESP
- ▶ European Confederation of Neuropathological Societies (Euro-CNS)
- ▶ European Crohn's and Colitis Organisation (ECCO)
- ▶ Hans Popper Hepatopathology Society (HPPHS)
- ▶ International Academy of Pathology (IAP)
- ▶ International Agency for Research on Cancer (IARC)
- ▶ International Collaboration on Cancer Reporting (ICCR)
- ▶ Pancreatobiliary Pathology Society (PBPS)
- ▶ Rodger C. Haggitt Gastrointestinal Pathology Society (GIPS)

Programme Overview per Day

▶ Saturday, 7 September 2024

| | Spadolini 3 | Cavaniglia | Spadolini Ground Floor |
|-------------------------------|---|---------------------------------|--|
| Registration ▶ 16:00–20:00 | 16:45–18:15 Industry Satellite Symposium (see page 224) | | |
| | | 19:00–20:00 Opening Ceremony | |
| | | | 20:00–22:00 Technical Exhibition and Welcome Reception |

Programme Overview per Day

► Sunday, 8 September 2024



| | | | Cavaniglia | Spadolini 3 | Spadolini 4 | Spadolini 5 |
|--|---------------|--------------------------------|---|--|---|---|
| Registration ► 07:00 – 18:00 Technical Exhibition ► 09:00 – 17:15 | 07:15 – 08:15 | | | | | |
| | 08:30 – 12:00 | Coffee Break + Poster Sessions | SY DIGE (Liver) Steatotic liver disease | SpS How to approach GU tumours: a gaming experience | SY ENDO The standardization of the histopathological diagnosis of digestive NENs – the pathologist's answer to the clinician's needs (+ <i>Business Meeting</i>) | LC DERM & OPHTH Joint Tumours of the eyelid |
| | 12:15 – 13:00 | | Keynote Lecture by Manuel Salto-Tellez Integrated Diagnostics and Modern Pathology (in Cavaniglia) | | | |
| | 13:00 – 14:30 | Lunch | | Industry Satellite Symposia (see page 225) | | |
| | 14:45 – 16:45 | | SC DIGE (GI) Current concepts in inflammatory bowel disease (IBD) (In collaboration with ECCO) | SS BREAST Challenging cases in breast pathology | SC ENDO & CYTO Joint Follicular and oncocytic thyroid nodules – the bane of cytopathologist and histopathologist | VM DERM Rare lesions in the skin |
| | 16:45 – 17:15 | | Best Poster Sessions (at E-Poster Terminals) | | | |
| | 17:15 – 19:15 | | SC DIGE (Liver) Non-epithelial tumours of the liver | SY BREAST & H&N Joint Similarities and differences in breast and salivary gland tumours. Morphological and molecular aspects | SS ENDO Molecular analyses in endocrine pathology: a case-based approach | SC DERM Keratoacanthoma and keratoacanthoma-like proliferations on the skin |
| | 19:30 – 20:30 | | | | | Industry Satellite Symposium (see page 226) |

► Sunday, 8 September 2024

| Spadolini 6 | Spadolini 7 | Volta | Scherma | Spadolini 2 | |
|---|--|---|--------------------------------------|--|---------------------|
| Industry Satellite Symposium (see page 224) | | | | | 07:15 – 08:15 |
| SY NEPH Podocytopathies – an update | SPEC ESP & IARC & ICCR <i>Joint</i> Tumour classification and structured reporting – what is coming next and what matters? | OFF BREAST | OFF GYNAE & CYTO <i>Joint</i> | CP SYMPOSIUM The promise of computational pathology | 08:30 – 12:00 |
| Keynote Lecture by Manuel Salto-Tellez Integrated Diagnostics and Modern Pathology (in Cavaniglia) | | | | | 12:15 – 13:00 |
| Industry Satellite Symposia (see page 226) | | | | Industry Satellite Symposium (see page 224) | 13:00 – 14:30 |
| SC NEPH What's behind membranoproliferative glomerulonephritis? (+ <i>Business Meeting</i>) | SPEC ESP & APSS <i>Joint</i> Brutti ma buoni – benign mimics of malignancy | SC AUT Perinatal death and sudden intrauterine death | OFF MOPA & HAEMA <i>Joint</i> | CP SYMPOSIUM Recent developments and validation | 14:45 – 16:45 |
| Best Poster Sessions (at E-Poster Terminals) | | | | | 16:45 – 17:15 |
| SS NEPH & EM <i>Joint</i> Kidney Transplant Pathology | SPEC Virchows Archiv & ESP <i>Joint</i> Emerging complexity of paediatric neoplasms: An update with focus on the recent WHO | SC AUT The application of novel diagnostic tools in the autopsy setting | OFF NEURO & OPHTH <i>Joint</i> | CP SYMPOSIUM Next frontiers of computational pathology | 17:15 – 19:15 |
| | | | | | 19:30 – 20:30 |

Programme Overview per Day

► Monday, 9 September 2024

| | | Cavaniglia | Spadolini 2 | Spadolini 3 | Spadolini 4 | |
|--|---------------------|--|---|--|--|--|
| Registration ► 07:00 – 18:00 Technical Exhibition ► 09:00 – 17:15 | 07:15 – 08:15 | | | | | |
| | 08:30 – 12:00 | 09:30 – 10:30 Coffee Break + Poster Sessions SY DIGE (Pancreas) Tumour cell plasticity and evolution in pancreatic cancer | SY BREAST B3 lesions and Quality Assurance in Breast Pathology | SY GYNAE & DEVEL <i>Joint</i> Molecular understanding of tropical diseases as a tool to improve diagnosis and treatment | SY HAEMA How genetics contributes to the diagnosis of extranodal lymphomas | |
| | 12:15 – 13:00 | Keynote Lecture by Anna Sapino Diagnosis and Experimental Biology of Cancer of Unknown Primary (in Cavaniglia) | | | | |
| | 13:00 – 14:30 |  Lunch | Industry Satellite Symposia (see page 227) | | | |
| | 14:45 – 16:45 | SC DIGE (GI) Intestinal neoplasms that challenge us | SC PULM Treatment effects on the lung in immunocompetent and immunocompromised patients | SC GYNAE Morphological challenges in gynaecologic pathology | SC HAEMA Application of ancillary techniques for diagnostic resolution of reactive and neoplastic bone marrow diseases | |
| | 16:45 – 17:15 |  | Best Poster Sessions (at E-Poster Terminals) | | | |
| | 17:15 – 19:15 | SC DIGE (Pancreas) & PBPS <i>Joint</i> Pathology of the ampullary region: dos and don'ts | SC PULM & MOPA <i>Joint</i> Small cell lung cancer – the present and the future | SS GYNAE Difficult cases resolved by molecular pathology | SS HAEMA Unravelling the intricacies of T- and NK-cell lymphomas and lymphoproliferations | |

▶ Monday, 9 September 2024

| Spadolini 6 | Spadolini 7 | Volta | Scherma | Spadolini 5 | |
|--|--|--|---|--|---------------------|
| Industry Satellite Symposia (see pages 226 – 227) | | | | | 07:15 – 08:15 |
| SpS Endocrine neoplasms in Hereditary Syndromes: much more than just MEN | SY SO-TI New (molecular) approaches to (precision oncology of) bone and soft tissue tumours (+ <i>Business Meeting</i>) | OFP PULM & DCP <i>Joint</i> | SC AUT & CARD <i>Joint</i> Cardiovascular inflammatory disease at autopsy | MD SYMPOSIUM European Master Molecular Pathology (EMMP) – Project presentations Update data evaluation and variant interpretation | 08:30 – 12:00 |
| Keynote Lecture by Anna Sapino Diagnosis and Experimental Biology of Cancer of Unknown Primary (in Cavaniglia) | | | | | 12:15 – 13:00 |
| | Industry Satellite Symposium (see page 228) | | | Industry Satellite Symposium (see page 228) | 13:00 – 14:30 |
| SPEC ESP & IAP <i>Joint</i> Pathologists changing the world | SC SO-TI (Updates on) emerging new entities | OFP ENDO & H&N <i>Joint</i> | SS CARD Diagnostic toolbox for the “thick heart” | MD SYMPOSIUM Update on new technologies | 14:45 – 16:45 |
| Best Poster Sessions (at E-Poster Terminals) | | | | | 16:45 – 17:15 |
| SPEC ESP Clinical trial pathology – potential, pitfalls, and perspectives | SC SO-TI EWSR1-rearranged lesions of bone and soft tissue | SC PAED Placental pathologies influencing neonatal outcome | SY CARD Update on diagnostic criteria for myocarditis in the autopsy and biopsy setting | MD SYMPOSIUM Update on gynaecological tumours | 17:15 – 19:15 |

Programme Overview per Day

► Tuesday, 10 September 2024



| | | Cavaniglia | Spadolini 2 | Spadolini 3 | Spadolini 4 |
|--|---|---|--|--|--|
| Registration ► 08:00 – 18:00 Technical Exhibition ► 09:00 – 17:15 | 08:30 – 12:00 | LC URO Hot issues in genitourinary pathology | LC H&N Major controversies in head and neck pathology | LC PULM Update on current and upcoming ancillary methodology in lung pathology diagnostics | LC MOPA & DCP <i>Joint</i> Molecular meets digital |
| | 09:30 – 10:30 | Coffee Break + Poster Sessions | | | |
| | 12:15 – 13:00 | ESP Symeonidis Lecture by Günter Klöppel Subtyping of Pancreatic Neuroendocrine Neoplasms (in Cavaniglia) | | | |
| | 13:00 – 14:30 | Lunch | Industry Satellite Symposia (see page 229) | | |
| | 14:45 – 16:45 | SY DIGE (GI) & GIPS <i>Joint</i> Demystifying unusual inflammatory patterns of the luminal gastrointestinal tract | SS H&N A basket of surprising cases | SY PULM & HAEM <i>Joint</i> Too much blue in lung and pleura – malignant and benign lymphoid lesions | SC DCP Next Generation Pathologists |
| | 16:45 – 17:30 | Plenary OFP Session (at E-Poster Terminal 1) | | | |
| 17:30 – 19:30 | SC DIGE (GI) Gastrointestinal manifestations of systemic disease | SC H&N Near misses in head/neck cases (+ <i>Business Meeting</i>) | SS TR & PULM <i>Joint</i> Lung pathology – from beginner to expert in 120 minutes. The most important stuff you need to know and some pearls | SC DCP with ESDIP Debating the pros and cons of AI topics | |

► Tuesday, 10 September 2024

| Spadolini 5 | Spadolini 6 | Spadolini 7 | Volta | Scherma | |
|--|---|---|---|---|---------------------|
| SY HAEMA & PAED Joint Lymphoid and histiocytic lesions in CAYA | SpS Challenges in Bone and Soft Tissue Pathology | OFP DIGE (GI) & DIGE (LIVER/ PANCREAS) Joint | OFP THYM/DEVEL/ CARD/HIST/ AUT Joint | SC HIST & EM & INFE Joint History of EM in Pathology | 08:30 – 12:00 |
| ESP Symeonidis Lecture by Günter Klöppel Subtyping of Pancreatic Neuroendocrine Neoplasms (in Cavaniglia) | | | | | 12:15 – 13:00 |
| Industry Satellite Symposia (see page 230) | | | | | 13:00 – 14:30 |
| OFP DERM | OFP URO & NEPH Joint | SY THYM The value and challenges of alternative histopathological techniques in the workup of medi- astinal tumours | SY HIST & DEVEL Joint The Rosetta Stones of Pathology | OFP SO-TI & INFE Joint | 14:45 – 16:45 |
| Plenary OFP Session (at E-Poster Terminal 1) | | | | | 16:45 – 17:30 |
| SS MOPA & PAED Joint Tumour predis- position syn- dromes in CAYA: another planet? | SPEC ESP Education Subcommittee Transcending the diagnostician role: pathologists beyond bound- aries | SS THYM The mediastinal case that kept me up at night | SC HIST Historical Forum on Renaissance Medicine and Pathology | SY EM Emerging topics and fields in diagnostic EM | 17:30 – 19:30 |

Programme Overview per Day

► Wednesday, 11 September 2024

| | | Cavaniglia | Spadolini 2 | Spadolini 3 | Spadolini 4 | |
|------------------------------|---------------|--|---|---|--|--|
| Registration ► 08:00 – 17:30 | 08:30 – 12:00 | 09:30 – 10:30 Coffee Break + Poster Sessions SY DIGE (GI) Pre-malignancy and early cancer of the GI tract: pathological precision | LC URO Recommendation from Consensus meeting in GU tumours (+ <i>Business Meeting</i>) | SY H&N & MOPA Joint Molecular pathology in head and neck: rapidly catching up | SC Euro-CNS & EACVP & EM Joint Diagnostic challenges in drug-induced neuromuscular and cardiac pathology: multidisciplinary approach | |
| | 12:00 – 13:15 | | | | 12:00–13:30 ESP General Assembly | |
| | 13:15 – 13:45 |  Lunch | Best Poster Sessions (at E-Poster Terminals) | | | |
| | 14:00 – 16:00 | SC DIGE (GI) Immune disorders in the GI tract | SS URO Premalignant lesions and putative precursor of GU tumours | SC THYM An update on thymic epithelial tumours | SPEC ESP & National Societies Joint Is digital pathology going to save us? | |
| | 16:00 – 16:30 |  | Best Poster Sessions (at E-Poster Terminals) | | | |
| | 16:30 – 17:15 | Juan Rosai Lecture by Abbas Agaimy Phenotype versus Genotype: What matters most? (in Cavaniglia) | | | | |
| | 17:15 – 18:00 | Closing Ceremony (in Cavaniglia) | | | | |

► Wednesday, 11 September 2024

| Spadolini 5 | Spadolini 6 | Spadolini 7 | Volta | Scherma | |
|--|--|---|--|--|---------------------|
| SPEC ESP & Highlights of ASCO | SY CYTO & PULM <i>Joint</i> Lung pathology meets cytology – updates on the state of the art | SY TR Colours, frames and pixels: what stories has Pathology to narrate? | SY INFE A holistic per- spective of the infectious disease risk for the prac- ticing pathologist | SY DEVEL & OPHTH <i>Joint</i> An eye out for developing countries | 08:30 – 12:00 |
| | | | | | 12:00 – 13:15 |
| Best Poster Sessions (at E-Poster Terminals) | | | | | 13:15 – 13:45 |
| VM PULM & DEVEL <i>Joint</i> Diagnosing lung pathology on conventional his- tology and cyto- logical smears – how far can you get, and where are the limits? | SS CYTO Salivary gland neoplasms: a practical approach in the framework of the Milan System including ancillary testing | General Assembly of the Trainee Subcommittee | SY INFE & AUTO & HIST <i>Joint</i> When should we determine the causative infec- tious agent in autopsies – a med- ical, legal and his- torical perspective | SS OPHTH The orbital biopsy: can you make the diag- nosis? | 14:00 – 16:00 |
| Best Poster Sessions (at E-Poster Terminals) | | | | | 16:00 – 16:30 |
| Juan Rosai Lecture by Abbas Agaimy Phenotype versus Genotype: What matters most? (in Cavaniglia) | | | | | 16:30 – 17:15 |
| Closing Ceremony (in Cavaniglia) | | | | | 17:15 – 18:00 |



European
Society of
Pathology

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Poster Exhibition

Sunday, 8 Sept – Wednesday, 11 Sept
at Spadolini Pavilion (Upper Floor)

▶ Scientific Programme

- ▶ Best Poster Sessions
- ▶ Keynote Lectures
- ▶ Long Courses
- ▶ Oral Free Paper Sessions
- ▶ Short Courses
- ▶ Special Sessions
- ▶ Slide Seminars
- ▶ Symposia
- ▶ Trainees' Sessions
- ▶ Videomicroscopy

▶ Saturday, 7 September 2024

OC-01 **Special Session**
19:00–20:00 **Cavaniglia**
Opening Ceremony
Chairs: Peter Schirmacher, Germany
Gabriella Nesi, Italy

OC-02 **Special Session**
20:00–22:00 **Spadolini Exhibition**
Welcome Reception

▶ Sunday, 8 September 2024

SY-01 **Symposium**
08:30–12:00 **Cavaniglia**
 Digestive Diseases Pathology – Liver/Pancreas
Steatotic liver disease
Chairs: Valérie Paradis, France
Tim Kendall, United Kingdom

001 08:30–09:00
 Introducing the new nomenclature of fatty liver disease
Dina Tiniakos, Greece/UK

002 09:00–09:30
 Steatotic liver disease: Histological classifications and clinical outcome
Karoline Lackner, Austria

003 10:30–11:00
 Fibrosis and NAFLD
Massimo Pinzani, United Kingdom

004 11:00–11:30
 Molecular profiling of steatotic liver disease: paving the way for precision medicine approaches?
Beate Straub, Germany

005 11:30–12:00
 Development of malignancy in steatotic liver disease
Christine Sempoux, Switzerland

SpS-01 **Special Session**
08:30–12:00 **Spadolini 3**
 Urothelium
How to approach GU tumours: a gaming experience
Chairs: Guido Martignoni, Italy
Piergiuseppe Colombo, Italy

001 08:30–09:00
 Renal cell tumours: hunt for diagnostic features
Anna Calìò, Italy

002 09:00–09:30
 Bladder tumours: hunt for diagnostic features
Francesco Pierconti, Italy

003 10:30–11:00
 Prostate tumours: hunt for diagnostic features
Giuseppe Nicolò Fanelli, Italy

004 11:00–11:30
 Testicular and penis tumours: hunt for diagnostic features
Biagio Paolini, Italy

005 11:30–12:00
 Discussion/Q&A
Guido Martignoni, Italy

SY-02 **Symposium**
08:30–12:00 **Spadolini 4**
 Endocrine Pathology
The standardisation of the histopathological diagnosis of digestive NENs – the pathologist’s answer to the clinician’s needs (+ Business Meeting)
Chairs: Silvia Uccella, Italy
Ozgun Mete, Canada

001 08:30–08:50
 Standardized pathological report in NENs as the common language between pathologists and clinicians
Guido Rindi, Italy

002 08:50–09:10
 Neuroendocrine tumours (NETs): what the oncologist needs to know from the pathologist
Marianne Pavel, Germany

003 09:10–09:30

Pancreatic and intestinal NETs: the pathologist's answer

Anne Couvelard, France

004 10:30–10:50

Gastric and appendicular NETs: the pathologist's answer

Stefano La Rosa, Italy

005 10:50–11:10

Neuroendocrine carcinoma (NEC): what the oncologist needs to know from the pathologist

Halfdan Sorbye, Norway

006 11:10–11:30

NEC: the pathologist's answer

Aurel Perren, Switzerland

007 11:30–12:00

Business Meeting Endocrine Pathology Working Group

Silvia Uccella, Italy**Matthias Dettmer, Germany**

LC-01

Long Course

08:30–12:00

Spadolini 5

Dermatopathology

Ophthalmic Pathology

Tumours of the eyelid

Chairs: **Bostjan Luzar, Slovenia****Fiona Roberts, United Kingdom**

001 08:30–08:50

Congenital choristomas in the ocular adnexa

Robert M. Verdijk, The Netherlands

002 08:50–09:20

Malignant sweat gland tumours

Eduardo Calonje, United Kingdom

003 10:30–10:52

Ocular surface squamous neoplasia

Maria Antonietta Blasi, Italy

004 10:52–11:15

Merkel cell carcinoma

Thibault Kervarrec, France

005 11:15–11:37

Conjunctival melanocytic lesions

Steffen Heegaard, Denmark

006 11:37–12:00

Mesenchymal tumours and tumour-like conditions

Jože Pižem, Slovenia

SY-03

Symposium

08:30–12:00

Spadolini 6

Nephropathology

Podocytopathies: an update

Chairs: **Helmut Hopfer, Switzerland****Anne Räisänen-Sokolowski, Finland**

001 08:30–09:00

Podocyte biology – what's new?

Christoph Schell, Germany

002 09:00–09:30

Podocyte fate

Paola Romagnani, Italy

003 10:30–10:52

Diagnosing podocytopathies – concepts and classification

Barry Stokes, USA

004 10:52–11:15

Predictive features in podocytopathies – what to report?

Jeffrey B. Hodgin, USA

005 11:15–11:37

Approach to podocytopathies in children

Francesca Diomedì Camassei, Italy

006 11:37–12:00

Adaptive podocyte changes in adults

Kerstin Amann, Germany

SPEC-01

Special Session

08:30–12:00

Spadolini 7

Joint Special Session ESP & IARC & ICCR: Tumour classification and structured reporting – what is coming next and what matters?

Chairs: **Dilani Samarawickrema Lokuhetty, France****Kieran Sheahan, Ireland****Peter Schirmacher, Germany**

001 08:30–08:50

Why and how and Do's and Don'ts. The diagnostic pathologists' view on classification and structured reporting implementation

Aurel Perren, Switzerland

002 08:50–09:10
Codification and secondary uses of cancer pathology data: a pathologist's perspective
John Srigley, Canada

003 09:10–09:30
Structured reporting. Why do we need it and how is it implemented?
James Kench, Australia

004 10:30–10:55
National experience with implementation of structured reporting – The Netherland's perspective
Iris Nagtegaal, The Netherlands

005 10:55–11:20
The strategy for the upcoming 6th edition of the WHO tumour classification and the challenges faced
Dilani Samarawickrema Lokuhetty, France

006 11:20–12:00
Upcoming issues/challenges (Moderated podium discussion with speakers and chairs)
Dilani Samarawickrema Lokuhetty, France

OFP-01 Oral Free Paper Session
08:30–12:00 **Volta**
Breast Pathology
Chairs: *Cecily Quinn, Ireland*
James Degaetano, Malta

001 08:30–08:40
How can the varied tumour FFPE blocks with HER2 ultra-low influenced on the accurate diagnosis of HER2 in breast cancer
Yueping Liu, China
J. Li, H. Liu, Y. Ding, S. Wu, J. Shang

002 08:40–08:50
Multi-site European study of a HER2 AI solution as clinical decision-support tool in breast cancer
Elena Provenzano, United Kingdom
M. Jimenez-Linan, W. Cope, P. Schouten, A. Vincent-Salomon, A. Gunavardhan, S. Declercq, J. Thomassin, M. Brevet, M. Grinwald, D. Mevorach, R. Ziv, G. Mallel, J. Sandbank, M. Vecsler

003 08:50–09:00
Image analysis-based hormone receptor expression of cancer associated fibroblasts is prognostic in breast cancer: a pilot study
Ceren Boyaci, Sweden
J. Hartman, B. Acs

004 09:00–09:10
The added value of an artificial intelligence (AI) solution in the identification of microinvasive and T1a carcinomas of the breast
Rita Canas-Marques, Portugal
C. Karakas, S. Etöz, S. Goodman, R. Graça-Lopes, J. Sandbank, M. Vecsler, S. Schnitt

005 09:10–09:20
Cross-platform analysis of MMR deficiency in breast cancer reveals the need for tumour-specific recommendations and guidelines
Mariia Ivanova, Italy
C. Frascarelli, K. Venetis, G. Cursano, E. Mane, E. Sajjadi, M. Noale, S. Maggi, M. Lombardi, M. Fassan, C. Scatena, E. Guerini-Rocco, N. Fusco

006 09:20–09:30
Can artificial intelligence models be color blind: an example in grading breast cancer
Leslie Dalton, USA

007 10:30–10:40
Can complete shaved margin assessment identify a subset of DCIS that can be safely treated by breast conservative surgery alone?
Shu Ichihara, Japan
T. Kawasaki, S. Moritani, T. Nakai, M. Ohmori

008 10:40–10:50
Interassay comparison of four clinically approved HER2 immunohistochemistry assays in primary breast cancer and their metastasis
Maike-Anna Hempenius, The Netherlands
M. Zwager, M. den Bakker, M. Coster-Heerema, E. de Vries, C. Schröder, N. 't Hart, B. van der Vegt

009 10:50–11:00

Detection of human papillomavirus DNA in basal-like subtype of invasive breast carcinoma: possible pathogenetic role of the virus

Giordana Tinnirello, Italy

J. Farina, S. Salzano, F. D'Aquila, M. Mazzucchelli, G. La Cava, G. Angelico, A. Santoro, A. Mulè, G. Pannone

010 11:00–11:10

Is knowledge of HER3 as a prospective therapeutic biomarker necessary for pathologists?

Leyi Gao, China

Y. Zhang, M. Feng, M. Shen, L. Yang, B. Wei, Z. Zhang

011 11:10–11:20

Estrogen-negative invasive lobular carcinoma of the breast: a multicentric clinical-pathological study

Stefano Marletta, Italy

M. Dello Spedale Venti, V. Idda, P. Vigneri, G. Di Grazia, A. Cremonini, L. Amedei, A. Rizzo, R. Miglio, A. Tafà, A. Baldissera, E. D'Angelo, M. Cucchi, A. Maestri, M. Foschini

012 11:20–11:30

Subareolar sclerosing ductal hyperplasia shows PI3K pathway alterations

Baris Boyraz, USA

B. Robinson, N. Lindeman, S. Hoda, J. Solomon

013 11:30–11:40

The effect of fixation time on HER2-low status in breast carcinoma

Sharon Nofech-Mozes, Canada

F. Lu, E. Slodkowska, A. Plotkin, E. Olkhov-Mitsel

014 11:40–11:50

Comparing HercepTest (GE001) and Ventana HER-2/neu (4B5) in the lower spectrum of HER2 expression

Hans-Ulrich Schildhaus, Germany

M. Sierra, C. Koppel, A. Tereshchenko, D. Ilevlieva, J. Berg, G. Bänfer, G. Noumsi

015 11:50–12:00

Tumour stroma characterization for the clinical stratification of HR+/HER2- breast cancer

Cristian Scatena, Italy

G. Fanelli, E. Belcastro, F. Di Cocco, A. Fontana, A. Szumera-Ciećkiewicz, M. Loda, A. Naccarato

OFP-02 Joint Oral Free Paper Session

08:30–12:00

Scherma

Gynaecological Pathology

Cytopathology

Chairs: *Joost Bart, The Netherlands**Lukas Bubendorf, Switzerland***001** 08:30–08:40

Next generation of interventional pathologists, ultrasound-guided fine needle aspiration/core needle biopsy and rapid on-site evaluation, resident training

Hector Enrique Torres Rivas, Spain

L. Fernández Fernández, M. Berrios Hernández, M. González Gutiérrez, N. Zapico Ortiz, J. Riera Velasco, J. Pérez Fontán, M. Del Olmo Fernández, K. Villar Zarra

002 08:40–08:50

An institutional experience: comparing risk of malignancy and diagnostic rates with a newly published reporting system for lung cytopathology

Xin Jing, USA

X. Jin, M. Lew, B. Smola, T. Huang

003 08:50–09:00

Relevance of cytopathologist-performed palpation-guided fine needle aspiration in the age of image-guided biopsy

Bárbara Sepodes, Portugal

V. Almeida, J. Maldonado, J. Pimentel, G. Fernandes

004 09:00–09:10

Intra and interobserver reproducibility in histopathologic diagnosis of follicular neoplasms: how does it affect the rate of malignancy in the “follicular neoplasm” category of the thyroid fine needle aspiration cytology?

Asli Noyan, Turkey

O. Kurtulan, S. Onder, C. Sokmensuer, Y. Guler, H. Avci

005 09:10–09:20

Prognostic value of tertiary lymphoid structures in endometrial carcinoma

Manohar Pradhan, Norway

W. Kildal, L. Vlatkovic, K. Lindemann, K. Risan Tobin, G. Kristensen, A. Kleppe, H. A. Askautrud

006 09:20–09:30

Immunomorphological evaluation of neuroectodermal tissue in immature and mature ovarian teratomas: significance of morphology and role of SOX2 expression

Agnese Orsatti, Italy

C. Ricci, S. Tenti, G. Tallini, A. Acosta, A. De Leo

007 10:30–10:40

Histotype and grade are of prognostic significance only in the No Specific Molecular Profile (NSMP) molecular subtype of endometrial carcinoma

Blake Gilks, Canada

J. Huvila, A. Jamieson, J. McAlpine

008 10:40–10:50

Uterine leiomyomas during pregnancy: morphologic, immunohistochemical characteristics, and pitfalls in correlation with outcome

Jelena Mirkovic, Canada

E. Olkhov-Mitsel, C. Parra-Herran

009 10:50–11:00

Reproducibility of eosinophilic cells in ovarian serous borderline tumour with BRAFV600E mutation

Aleksandra Asaturova, Russia

A. Badlaeva, A. Tregubova, A. Rogozhina, D. Bulanov, N. Lysova

010 11:00–11:10

Integrated molecular and clinico-pathological study of tubo-ovarian high grade serous carcinoma: HRD status and histological features

Riccardo Ciudino, Italy

T. Maloberti, S. Coluccelli, D. de Biase, G. Tallini, A. De Leo

011 11:10–11:20

Clinical behaviour and gene expression in borderline and malignant brenner tumours

Barrett Lawson, USA

M. Luiz Marques-Pibelli, J. Zhang, A. Malpica

012 11:20–11:30

Post-radiotherapy endometrial changes should be differentiated from serous endometrial intraepithelial carcinoma

Damiano Arciuolo, Italy

A. Travaglino, G. Scaglione, N. D'Alessandris, A. Santoro, B. Padial Urtueta, G. Zannoni

013 11:30–11:40

Cytology-based HRD testing and BRCA mutational profiling in a set of ovarian cancer patients

Pablo Santiago Díaz, Spain

L. Serrano Munné, G. Vargas Parra, I. Vázquez de las Heras, N. Juanpere Rodero, B. Romero Madrid, R. Rueda Miret, A. Quiñonero Inserte, B. Bellosillo Paricio, B. Lloveras Rubio

014 11:40–11:50

Characterization of recurrent gene amplifications in copy number-high endometrial cancers

Audrey Roy, USA

C. Dagher, N. Abu-Rustum, C. Aghajanian, J. Mueller, B. Weigelt, M. Chui, A. Momeni Boroujeni

015 11:50–12:00

Evaluating the performance of E2F1 and CCNA2 RNA expression, POLE and PPP2R1A/FBXW7 mutation status (ECPFF classifier) in risk stratification of stage I and II endometrioid endometrial carcinoma (EEC) and serous endometrial carcinoma (SEC)

Maryam Shahi, USA

N. Kanwar, S. Yadav, J. Gonzalez Bosquet, K. Halling, K. Podratz

**KNL-01 Keynote Lecture****12:15–13:00 Cavaniglia**Chairs: *Xavier Matias-Guiu, Spain*
*Filippo Frassetto, Italy***Integrated Diagnostics and Modern Pathology**Chairs: *Manuel Salto-Tellez, United Kingdom***003** 15:19–15:36

Case 3

*Gábor Cserni, Hungary***004** 15:36–15:55

Case 4

*Borbála Dénes, Hungary***005** 15:55–16:12

Case 5

*Paul Van Diest, The Netherlands***006** 16:12–16:29

Case 6

*Tatjana Vlaisnik, Switzerland***007** 16:29–16:45

Case 7

*Abbas Agaimy, Germany***SC-01 Short Course****14:45–16:45 Cavaniglia**Digestive Diseases Pathology – GI
Current concepts in inflammatory bowel disease (IBD)Chairs: *Arzu Ensari, Turkey*
*Maurice Loughrey, United Kingdom***SC-02 Short Course****14:45–16:45 Spadolini 4**Endocrine Pathology
Cytopathology**Follicular and oncocytic thyroid nodules – the bane of the cytopathologist and the histopathologist**Chairs: *Silvia Uccella, Italy*
*Matthias Dettmer, Germany***001** 14:45–15:09

Can artificial intelligence show us the way in IBD pathology?

*Aart Mookhoek, Switzerland***002** 15:09–15:33Drugs and other iatrogenic mimics of IBD
*Roger Feakins, United Kingdom***003** 15:33–15:57Non-iatrogenic mimics of IBD
*Neil Shepherd, United Kingdom***004** 15:57–16:21

The role of pathology in assessing IBD activity

*Gert De Hertogh, Belgium***005** 16:21–16:45Malignancy in IBD
*Ann Driessen, Belgium***001** 14:45–15:07

The spectrum of oncocytic lesions in thyroid pathology and their clinicopathological relevance

*Sylvia Asa, USA***002** 15:07–15:29

Oncocytic thyroid neoplasms: pathogenic aspects and molecular mechanisms

*Giovanni Tallini, Italy***003** 15:29–15:51

Follicular patterned lesions in thyroid nodules: histology

*Aleš Ryška, Czech Republic***004** 15:51–16:13

Follicular patterned lesions in thyroid nodules: cytology

*Claudio Bellevicine, Italy***005** 16:13–16:29

Case 1

*Marina Nikiforova, USA***SS-01 Slide Seminar****14:45–16:45 Spadolini 3**

Breast Pathology

Challenging cases in breast pathologyChairs: *Cristian Scatena, Italy*
*Grace Callagy, Ireland***001** 14:45–15:02

Case 1

*Cristian Scatena, Italy***002** 15:02–15:19

Case 2

Edi Brogie, USA

006 16:29–16:45

Case 2

Sule Canberk, Portugal

VM-01 Videomicroscopy

14:45–16:45 Spadolini 5

Dermatopathology

Rare lesions in the skin

Chairs: Bostjan Luzar, Slovenia

Vasileia Damaskou, Greece

001 14:45–15:45

Rare mesenchymal lesions in the skin

Albert Suurmeijer, The Netherlands

002 15:45–16:45

Rare non-neoplastic lesions

José Carlos Cardoso, Portugal

SC-03 Short Course

14:45–16:45 Spadolini 6

Nephropathology

What's behind membranoproliferative glomerulonephritis? (+ Business Meeting)

Chairs: Agnieszka Perkowska-Ptasinska, Poland

Sabine Leh, Norway

001 14:45–15:10

MPGN – Defining the pattern

Sandrine Florquin, The Netherlands

002 15:10–15:35

Immune complex and complement-mediated MPGN

Fadi Fakhouri, Switzerland

003 15:35–16:00

MPGN as a manifestation of monoclonal gammopathy

Fabio Pagni, Italy

004 16:00–16:25

MPGN pattern of injury without deposits

Jan Hinrich Bräsen, Germany

005 16:25–16:45

Business Meeting

Helmut Hopfer, Switzerland

SPEC-02 Special Session

14:45–16:45 Spadolini 7

Joint Special Session ESP & APSS: Brutti ma buoni – benign mimics of malignancy

Chairs: Xavier Matias-Guiu, Spain

Jason Hornick, USA

001 14:45–15:05

Head and neck

Edward B. Stelow, USA

002 15:05–15:25

Gynaecological Pathology

Sabrina Croce, France

003 15:25–15:45

Digestive diseases

Rhonda Yantiss, USA

004 15:45–16:05

Dermatopathology

Daniela Massi, Italy

005 16:05–16:25

Lung

Kirk D Jones, USA

006 16:25–16:45

Breast

Aleš Ryška, Czech Republic

SC-04 Short Course

14:45–16:45 Volta

Autopsy Pathology

Perinatal death and sudden intrauterine death

Chairs: Emilian Olteanu, Romania

Raffaella Morotti, USA

001 14:45–15:09

Perinatal deaths: clinical and forensic aspects

Marta Cohen, United Kingdom

002 15:09–15:32

Sudden intrauterine death

Marny Fedrigo, Italy

003 15:32–15:56

Post-mortem radiology in foetal and neonatal death

Carmen Severens-Rijvers, The Netherlands

004 15:56–16:20

Postmortem genetic testing in stillbirths: is there a room?

Kalliopi Pilichou, Italy

005 16:20–16:45

Placental dysfunction and intrauterine foetal demise

Eleonora Nardi, Italy**OFP-03** Joint Oral Free Paper Session

14:45–16:45

Scherma

Molecular Pathology
HaematopathologyChairs: **Lorenzo Leoncini, Italy**
Jutta Huvila, Finland**001** 14:45–14:55

The prognostic significance of immune infiltrating cells according to Epstein-Barr virus infection status in classical Hodgkin lymphoma

Imen Zawati, Tunisia*O. Adouni, M. Manai, N. Sadfi, M. Driss, M. Manai***002** 14:55–15:05

Histologic, molecular and clinical characteristics of malignant histiocytosis and outcome: retrospective series of 137 patients

Jean-Francois Emile, France*C. Bigenwald, D. Roos-Weil, A. Pages, Z. Hélias-Rdzewicz, C. Copie-Bergman, M. Nashvi, M. Parrens, A. Traverse-Glehen, F. Charlotte, S. Heritier, J. Haroche, J. Donadieu, A. Idbaih***003** 15:05–15:15

Gene expression profiling coupled with artificial intelligence : towards a pan-lymphoma classifier

Pierre-Alain Thiebaut, France*V. Marchand, F. Drieux, S. Dubois, J. Sabourin, L. Veresezan, P. Ruminy, F. Jardin***004** 15:15–15:25

Precision in classification: impact of WHO and ICC 2022 criteria on myeloid neoplasms

Elif Kardelen Çağdas, Turkey*D. Koyun, S. Toprak, M. Özcan, I. Kuzu***005** 15:25–15:35

In silico analysis of Warburg effect gene alterations and impact on DLBCL outcome

Elif Ozsagir, Turkey*N. Ozsan, M. Hekimgil, D. Demir***006** 15:35–15:45

The FOXP3/CD68 ratio + CD20 serve as a potential tool for the clinical outcomes of patients with classical Hodgkin lymphoma

Imen Zawati, Tunisia*O. Adouni, M. Manai, N. Sadfi, M. Driss, M. Manai***007** 15:45–15:55

Tumour, liquid biopsy, and constitutional microsatellite instability testing using a rapid, low cost, and scalable multiplex PCR and sequencing assay

Richard Gallon, United Kingdom*R. Phelps, C. Hayes, R. Hall, P. Herrero-Belmonte, G. Borthwick, R. Heer, C. McAnulty, M. Santibanez-Koref, M. Jackson, J. Burn***008** 15:55–16:05

Geographic disparities and emerging mutation hotspots in ELOC-mutated renal cell carcinomas: a substantial expansion from previous descriptions

Thomas Cattiaux, France*S. Moody, A. Fukagawa, S. Senkin, T. Shibata, L. Alexandrov, M. Stratton, P. Brennan, B. Abedi-Ardekani***009** 16:05–16:15

Comprehensive genomic profiling of intrahepatic and extrahepatic cholangiocarcinoma

Paola Vignali, Italy*R. Bruno, A. Poma, F. Signorini, C. Vivaldi, V. Genovesi, F. Salani, F. Lorenzo, C. Cremolini, C. Ugolini***010** 16:15–16:25

Enrichment pathways associated with molecular subtypes of ovarian cancer

Aleksandra Asaturova, Russia*A. Kobelyatskaya, A. Tregubova, A. Rogozhina, A. Badlaeva***011** 16:25–16:35

Comprehensive genomic profiling in RAS/ BRAF wild type colorectal cancers

Giulia Martinelli, Italy*R. Bruno, M. Germani, F. Signorini, A. Poma, C. Cremolini, C. Ugolini*

012 16:35–16:45

If you snooze you lose: early assessment of BRCA mutation in metastatic prostate cancer improves number of patients suitable for PARP inhibitors target therapy
Mariavittoria Vescovo, Italy
L. Nibid, G. Perrone, D. Righi, G. Sabarese

BPS-01 Best Poster Session

16:45–17:15 E-Poster Terminal 1
Spadolini Upper Floor

Breast Pathology

Chair: *Cornelia Focke, Germany*

BPS-02 Joint Best Poster Session

16:45–17:15 E-Poster Terminal 2
Spadolini Upper Floor

Dermatopathology

Cytopathology

Chair: *Jože Pižem, Slovenia*

BPS-03 Best Poster Session

16:45–17:15 E-Poster Terminal 3
Spadolini Upper Floor

Digestive Diseases Pathology – Liver/ Pancreas

Chair: *Claudio Luchini, Italy*

BPS-04 Best Poster Session

16:45–17:15 E-Poster Terminal 4
Spadolini Upper Floor

Endocrine Pathology

Chair: *Josè Manuel Cameselle-Teijeiro, Spain*

SC-05 Short Course

17:15–19:15 **Cavaniglia**

Digestive Diseases Pathology – Liver/ Pancreas

Non-epithelial tumours of the liver

Chairs: *Christine Sempoux, Switzerland*
Prodromos Hytiroglou, Greece

001 17:15–17:39

Differential diagnosis of non-epithelial tumours of the liver – how I do it
Valérie Paradis, France

002 17:39–18:03

Vascular tumours
Thomas Albrecht, Germany

003 18:03–18:27

Haematological neoplasms
Alberto Zamò, Germany

004 18:27–18:51

Mesenchymal neoplasms
Jason Hornick, USA

005 18:51–19:15

Non-neoplastic tumourous lesions (in collaboration with HPHS)
Venancio Alves, Brazil

SY-04 Symposium

17:15–19:15 Spadolini 3

Breast Pathology

Head and Neck Pathology

Similarities and differences in breast and salivary gland tumours: morphological and molecular aspects

Chairs: *Stephan Ihrler, Germany*
Isabella Castellano, Italy

001 17:15–17:50

Functional anatomy and biphasic/spindle cell tumours
Maria Pia Foschini, Italy

002 17:50–18:15

Ductal/glandular tumours
Alena Skálová, Czech Republic

003 18:15–18:35

Pitfalls, metastases what comes first, dignity or entity?
Niels Rupp, Switzerland

004 18:35–18:55

Overall diagnostic approach, terminology, molecular pathology and therapy (mammary glands)
Simone Münst, Switzerland

005 18:55–19:15

Overall diagnostic approach, terminology, molecular pathology and therapy (salivary glands)
Daniel Baumhoer, Switzerland

| SS-02 | Slide Seminar |
|---|--------------------|
| 17:15–19:15 | Spadolini 4 |
| Endocrine Pathology | |
| Molecular analyses in endocrine pathology: a case-based approach | |
| Chairs: Marco Volante, Italy Catarina Eloy, Portugal | |

001 17:15–17:35

Case 1

Sofia Asioli, Italy

002 17:35–17:55

Case 2

Yuri Nikiforov, USA

003 17:55–18:15

Case 3

Katrin Baltz-Ghahremanpour, Germany

004 18:15–18:35

Case 4

Ozgur Mete, Canada

005 18:35–18:55

Case 5

Sylvie Lantuejoul, France

006 18:55–19:15

Case 6

Hironobu Sasano, Japan

| SC-06 | Short Course |
|--|--------------------|
| 17:15–19:15 | Spadolini 5 |
| Dermatopathology | |
| Keratoacanthoma and keratoacanthoma-like proliferations of the skin | |
| Chairs: Bostjan Luzar, Slovenia Vasileia Damaskou, Greece | |

001 17:15–17:55

Clinical features of keratoacanthoma

Konstantinos Liopyris, Greece

002 17:55–18:35

Keratoacanthoma versus squamous cell carcinoma

Daniela Massi, Italy

003 18:35–19:15

Benign keratoacanthoma-like lesions

Vasiliki Siozopoulou, Belgium

| SS-03 | Slide Seminar |
|---|--------------------|
| 17:15–19:15 | Spadolini 6 |
| Nephropathology | |
| Electron Microscopy | |
| Kidney Transplant Pathology | |
| Chairs: Dejan Dobi, Hungary Danica Galesic Ljubanovic, Croatia | |

001 17:15–17:39

Case 1

Verena Bröcker, Sweden

002 17:39–18:03

Case 2

Joris Roelofs, The Netherlands

003 18:03–18:27

Case 3

Thorsten Wiech, Germany

004 18:27–18:51

Case 4

Catherine Horsfield, United Kingdom

005 18:51–19:15

Case 5

Amelie Dendooven, Belgium

| SPEC-03 | Special Session |
|--|--------------------|
| 17:15–19:15 | Spadolini 7 |
| Emerging complexity of paediatric neoplasms: an update with focus on the recent WHO | |
| Chairs: Abbas Agaimy, Germany Leticia Quintanilla-Fend, Germany | |

001 17:15–17:35

The emerging genetic landscape of paediatric rhabdomyosarcomas

Maureen O'Sullivan, Ireland

002 17:35–17:55

Challenges in the diagnosis of paediatric lymphomas

Leticia Quintanilla-Fend, Germany

003 17:55–18:15

Melanocytic lesions in the paediatric population

Claudia Salgado, USA

004 18:15–18:35

Emerging fibroblastic/myofibroblastic tumours in children

Rita Alaggio, Italy

005 18:35–18:55

Approach to classification of vascular tumours and malformations in children

Isabel Colmenero, Spain

006 18:55–19:15

Discussion/Q&A

Abbas Agaimy, Germany

SC-07

Short Course

17:15–19:15

Volta

Autopsy Pathology

The application of novel tools in the autopsy setting

*Chairs: Annalisa Angelini, Italy
Cristina Basso, Italy*

001 17:15–17:39

Tools for the diagnosis and understanding of neurological disorders

Aivi Nguyen, USA

002 17:39–18:03

Advanced identification of pathogenic markers – the ischaemic and diabetic heart

*Kristine Boisen Olsen, Denmark
Pernille Heimdal Holm, Denmark*

004 18:03–18:27

Molecular autopsy in sudden death

Pilar Molina Aguilar, Spain

005 18:27–18:51

Postmortem imaging

Christina Jacobsen, Denmark

006 18:51–19:15

Synchrotron imaging: a new tool in pathology?

Danny Jonigk, Germany

OFP-04

Joint Oral Free Paper Session

17:15–19:15

Scherna

Neuropathology

Ophthalmic Pathology

Paediatric and Perinatal Pathology

Chairs: Zane Jaunmuktane, United Kingdom

*Carme Dinarès i Fernández, Spain
Miguel Reyes-Múgica, USA*

001 17:15–17:25

Infant-type hemispheric glioma: a wide morphological and immunohistochemical spectrum of the disease

*Maria Senchenko, Russia
L. Papusha, A. Drui, D. Konovalov*

002 17:25–17:35

Clinicopathologic features of paediatric meningiomas that predict recurrence and mortality: a meta-analysis

*Katharina Heß, Germany
B. Brokinkel, L. Hennig, S. Freitag-Wolf, M. Kalab, C. Röcken, O. Jansen, R. Goldbrunner*

003 17:35–17:45

Immunohistochemical expression of PAX8 in intracranial hemangioblastomas: a potential diagnostic pitfall

*Jessica Farina, Italy
G. Tinnirello, S. Salzano, G. Barbagallo, V. Barresi, G. Magro, R. Caltabiano, G. Broggi*

004 17:45–17:55

The possible role of Wnt/β-catenin pathway in central neurocytoma

*Kutsal Dogan, Turkey
G. Alkan*

005 17:55–18:05

MITF discriminates two different populations of tumoural cells with potential therapeutic implications in uveal melanoma

*Piotr Donizy, Poland
J. Pilch, M. Krzyzinski, A. Markiewicz, P. Biecek, B. Romanowska-Dixon, M. Hoang*

006 18:05–18:15

Immunohistochemical expression of PRAME correlates with higher metastatic risk and poor prognosis in uveal melanoma: a clinico-pathologic series of 85 cases

Maria Failla, Italy

G. Broggi, A. Russo, G. Magro, S. Staibano, R. Caltabiano

007 18:15–18:25

Orbital lesions: a 17-year perspective from a tertiary care centre

Gözde Güngör Sahin, Turkey

E. Karatay, B. Bilgic, G. Unverengil, G. Yegen, S. Tuncer, S. Ozturk Sari

008 18:25–18:35

Tumour heterogeneity in uveal melanoma: observation of 5 cases

Claudio Cacchi, Germany

M. Lammert, D. Jonigk

009 18:35–18:45

Histopathologic features of biliary atresia and outcome predictors of Kasai portoenterostomy: a 10-year retrospective study of a Philippine cohort

Pauline Mae Dy, Philippines

R. Santos, E. Yturralde

010 18:45–18:55

Comparison of macroscopic evaluation of placental lesions by image analyser software versus human eye: a retrospective study of 23 cases

Mariana De Brito Pereira, Portugal

R. Ilgenfritz, M. Vitorino, P. Borralho Nunes

011 18:55–19:05

Quality assurance review of products of conception cases for chronic histiocytic intervillositis: pre and post COVID-19

Orli Greenberg, Canada

W. Parks, K. Chu

012 19:05–19:15

Craniofacial ossifying fibromas in paediatric age group – a case series

Poonam Panjwani, India

P. Bansal, M. Ramadwar, N. Mittal, A. Janu, V. Patil, S. Qureshi

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Please visit the ESP Booth

Spadolini Ground Floor
at Fortezza da Basso

► Monday, 9 September 2024

| SY-05 | Symposium |
|---|-------------------|
| 08:30–12:00 | Cavaniglia |
| Digestive Diseases Pathology – Liver/ Pancreas | |
| Tumour cell plasticity and evolution in pancreatic cancer | |
| Chairs: <i>Caroline Verbeke, Norway</i> <i>Anne Hoorens, Belgium</i> | |

001 08:30–09:00
Acinar cell plasticity – is it relevant for the human disease?
Jérôme Cros, France

002 09:00–09:30
Neuroendocrine differentiation in non-neuroendocrine neoplasms
Björn Konukewitz, Germany

003 10:30–11:00
Pancreatic tumours with intestinal differentiation
Irene Esposito, Germany

004 11:00–11:30
Gastric differentiation in pancreatic tumours and their precursors
Paola Mattiolo, Italy

005 11:30–12:00
Squamous differentiation in the pancreas
Eva Karamitopoulou-Diamantis, Switzerland

| SY-06 | Symposium |
|---|--------------------|
| 08:30–12:00 | Spadolini 2 |
| Breast Pathology | |
| B3 lesions and Quality Assurance in breast pathology | |
| Chairs: <i>Simonetta Bianchi, Italy</i> <i>Peter Regitnig, Austria</i> | |

001 08:30–08:55
U.K. breast pathology EQA scheme
Ian Ellis, United Kingdom

002 08:55–09:20
Quality indicators in breast centre certification (EUSOMA, others), pathology aspects
Peter Regitnig, Austria

003 09:20–09:30
Quality assurance in routine digital breast pathology
Norman Zerbe, Germany

004 10:30–10:40
Introduction, B3 lesions, guidelines and approaches in CNB and VAB
Zsusanna Varga, Switzerland

005 10:40–10:50
MIBB databank, monitoring results and B-classification in vacuum assisted breast biopsies in Switzerland
Constanze Elfgen, Switzerland

006 10:50–11:00
Advantages and limits in imaging of B3 lesions
Daniela Ambrogetti, Italy

007 11:00–11:20
B3 lesions (LN and FEA) diagnosed on VAB in screen detected microcalcifications: the Florence experience
Simonetta Bianchi, Italy

008 11:20–11:40
B3 lesions (ADH, RS) and the use of VAB: the UK experience
Abeer Shaaban, United Kingdom

009 11:40–12:00
Rare B3 lesions of the breast, pathology and clinical management
Zsuzsanna Bago-Horvath, Austria

| SY-07 | Symposium |
|--|--------------------|
| 08:30–12:00 | Spadolini 3 |
| Gynaecological Pathology | |
| Pathology in Favour of Developing Countries | |
| Molecular understanding of tropical diseases as a tool to improve diagnosis and treatment | |
| Chairs: <i>Ben Davidson, Norway</i> <i>Giulia De Falco, United Kingdom</i> | |

001 08:30–09:00
Epidemiology of gynaecological diseases
Modupeola Samaila, Nigeria

002 09:00–09:30
Infectious diseases and maternal mortality
Carla Carrilho, Mozambique

003 10:30–11:00

Gynaecological tumours in sub-Saharan Africa

*Jaumeordi, Spain***004** 11:00–11:30

The state of the art of research

*Sam Kalungi, Uganda***005** 11:30–12:00

Discussion/Q&A

*Ben Davidson, Norway***SY-08** Symposium**08:30–12:00** Spadolini 4

Haematopathology

How genetics contributes to the diagnosis of extranodal lymphomas*Chairs: Leticia Quintanilla-Fend, Germany
Lorenzo Leoncini, Italy***001** 08:30–09:00

Genetics of CNS, vitreoretinal lymphomas, testicular lymphomas

*Maurilio Ponzoni, Italy***002** 09:00–09:30

Genetics of other extranodal diffuse large B-cell lymphomas

*Alexandra Traverse-Glehen, France***003** 10:30–11:00

Genetics of extranodal marginal zone lymphomas

*Ming Du, United Kingdom***004** 11:00–11:30

Genetics of intestinal T-cell lymphomas

*Laurence De Leval, Switzerland***005** 11:30–12:00

Genetics of cutaneous B- and T-cell lymphomas

*John Goodlad, United Kingdom***SpS-02** Special Session**08:30–12:00** Spadolini 6**Endocrine neoplasms in hereditary syndromes: much more than just MEN***Chairs: Vania Nosé, USA**Rita Alaggio, Italy**Ozgun Mete, Canada***001** 08:30–08:50

New entities in the panorama of endocrine familial cancer syndromes

*Vania Nosé, USA***002** 08:50–09:10

Non-medullary familial thyroid carcinoma

*Ozgun Mete, Canada***003** 09:10–09:30

Adrenal neoplasms in familial cancer syndromes

*Ronald de Krijger, The Netherlands***004** 10:30–10:50

The pathologist in the management of endocrine familial cancer syndromes of children and adolescents

*Antonello Cardoni, Italy***005** 10:50–11:10

Endocrine familial cancer syndromes: interactions between genetists and pathologists

*Francesca Schiavi, Italy***006** 11:10–11:30

Endocrine familial cancer syndromes: the clinician's perspective

*Calogero Virgone, Italy***007** 11:30–12:00

Discussion/Q&A

*Vania Nosé, USA***SY-09** Symposium**08:30–12:00** Spadolini 7

Soft Tissue and Bone Pathology

New (molecular) approaches to bone and soft tissue tumours (+ Business Meeting)*Chairs: Fernanda Amary, United Kingdom**Daniel Baumhoer, Switzerland***001** 08:30–08:50

DNA sequencing (from panels to WGS)

James Watkins, United Kingdom

002 08:50–09:10

RNA sequencing (from panels to whole transcriptome)

Florian Haller, Germany

003 09:10–09:30

Methylation and copy number profiling

Jürgen Hench, Switzerland

004 10:30–10:52

Digital pathology and image analysis

Adrienne Flanagan, United Kingdom

005 10:52–11:14

Drug testing

Chantal Pauli, Switzerland

006 11:14–11:36

The expanding catalog of actionable molecular alterations in sarcoma

Adrian Marino, USA

007 11:36–11:45

Discussion/Q&A

Fernanda Amary, United Kingdom

008 11:45–12:00

Business Meeting Soft Tissue Pathology Working Group

Fernanda Amary, United Kingdom

OFP-05 Joint Oral Free Paper Session

08:30–12:00 **Volta**

Pulmonary Pathology
Digital and Computational Pathology

*Chairs: Spasenija Savic-Prince, Switzerland
Angelo Paolo Dei Tos, Italy*

001 08:30–08:40

A semi-automated journey to evaluate tumour stroma ratio and its predictive value in colorectal cancer

Asya Tugçe Bol, Turkey

E. Öcal, B. Savaş, H. Akbulut, A. Ensari

002 08:40–08:50

Histopathological assessment of oesophageal adenocarcinoma precursor lesions with artificial intelligence

Michel Botros, The Netherlands

O. De Boer, B. Cardenas, E. Bekkers, M. Jansen, M. van der Wel, C. Sánchez, S. Meijer

003 08:50–09:00

A pathologists' ally – harnessing the potential of artificial intelligence in prostate cancer diagnosis: an analytical validation study

Fiona Maclean, Australia

C. Petrucco, M. Phang, A. de Souza, M. Peters, A. Kumar, C. Warren

004 09:00–09:10

Swarm learning-based deep learning approach to discriminating autoimmune hepatitis and primary biliary cholangitis with multicentric data

Oliver Lester Saldanha, Germany

A. Gerussi, K. Pfeiffer, G. Cazzaniga, B. Engel, L. Di Tommaso, L. Terracciano, A. Lleo, M. Mauro Viganó, C. Rigamonti, D. Daniela Cabibi, V. Vincenza Calvaruso, V. L'Imperio, M. Carbone, J. Kather

005 09:10–09:20

Enhancing histopathological research with privacy-preserving swarm learning and advanced image generation techniques

Jiefu Zhu, Germany

O. Saldanha, S. Schulz, P. Wienholt, S. Dar, S. Engelhardt, F. Laqua, B. Baessler, D. Truhn, S. Foersch, J. Kather

006 09:20–09:30

DinoBloom: a foundation model for generalizable cell embeddings in haematology

Sophia Wagner, Germany

V. Koch, M. Hehr, S. Kazemina, J. Schnabel, T. Peng, C. Marr

007 10:30–10:40

Standardization of granulomas in diffuse lung diseases

Shintaro Sato, Japan

Y. Zaizen, J. Augustyniak, S. Berezowska, L. Brcic, A. Carneiro, A. Fabro, A. Hebisawa, I. Kern, R. Koyama, B. Larsen, A. Marchevsky, F. Schneider, S. Kunugi, J. Fukuoka

008 10:40–10:50

MTAP deficiency by immunohistochemistry as a new potentially predictive marker in non-small-cell lung cancer (NSCLC)

Magdalena Brune, Switzerland

L. Roma, O. Chijioko, T. Vljajnic, I. Alborelli, N. Deigendesch, S. Savic, L. Bubendorf

009 10:50–11:00

Proteomic analysis of pulmonary fibrosis associated with lung cancer reveals dysregulation of the apoptotic pathway

Clovis Guillois, France

H. Cazier, E. Guenzi, A. Chassac, P. Mordant, G. Zalcmán, A. Mailleux, B. Crestani, A. Cazes, G. Chevreux, N. Poté

010 11:00–11:10

Effect of neoadjuvant chemoimmunotherapy on PD-L1 expression in non-small cell lung cancer

Simona Stoykova, Switzerland

L. Chriqui, E. Abdelnour Berchtold, S. Peters, J. Perentes, S. Berezowska

011 11:10–11:20

CXCR4 expression in tissue samples and circulating tumour cells could play pivotal role as prognostic biomarker in neo-adjuvant treated non-small cell lung cancer

Marco Barella, Italy

G. Bertolini, G. Sabella, M. Gentili, B. Bodini, A. Mangogna, V. Lagano, A. Fabbri, D. Lorenzini, T. Beninato, R. Leporati, G. Lo Russo, G. Prunerì, L. Roz, M. Milione

012 11:20–11:30

One-step nucleic acid amplification (OSNA) assay for nodal analysis in early-stage non-small cell lung cancer: preliminary results

Isòè Di Stefano, Italy

A. Proietti, G. Romano, C. Zirafa, F. Calabrò, S. Pelliccioni, C. Niccoli, F. Melfi, G. Ali

013 11:30–11:40

Comprehensive analysis of neurod1, ascl1, pou2f3 and yap1 expression signatures reveal unique lncnc subgroups with guidance for personalized treatment

Frank Heijboer, The Netherlands

J. Derks, D. Mustafa, N. Rijnsburger, B. Hermans, L. Hillen, E. Speel, A. Dingemans, J. von der Thusen

014 11:40–11:50

Percentage and size of residual viable tumour in lymph node, the performance in estimating pathologic response of lymph node in non-small cell lung cancer treated with neoadjuvant chemoimmunotherapy

Dongmei Lin, China

W. Sun

015 10:50–11:00

A comparative analysis of the ESP/QuIP “lung cancer related molecular markers” EQA scheme in non-small cell lung cancer (NSCLC) using different methodologies

Michaela Ihle, Germany

C. Lindner, K. Ilm, K. Jöhrens, U. Siebolts, S. Merkelbach-Bruse

SC-08

Short Course

08:30–12:00

Scherma

Autopsy Pathology

Cardiovascular Pathology

Cardiovascular inflammatory disease at autopsy

Chairs: Heike Göbel, Germany

Angela Pucci, Italy

Carla Giordano, Italy

001 08:30–08:50

Case 1

Stefania Rizzo, Italy

002 08:50–09:10

Case 2

Matthijs Van Oosterhout, The Netherlands

003 09:10–09:30

Case 3

Chiara Baldovini, Italy

004 10:30–11:00

Vasculitis

Allard Van Der Wal, The Netherlands

005 11:00–11:30

Endocarditis

Claire Toquet, France

006 11:30–12:00

Pericarditis

Stephen Preston, United Kingdom



KNL-02 **Keynote Lecture**
12:15–13:00 **Cavaniglia**
Chairs: Fátima Carneiro, Portugal
Angelo Paolo Dei Tos, Italy
Diagnosis and experimental biology of cancer of unknown primary
Anna Sapino, Italy

SC-10 **Short Course**
14:45–16:45 **Spadolini 2**
 Pulmonary Pathology
Treatment effects on the lung in immunocompetent and immunocompromised patients
Chairs: Federica Pezzuto, Italy
Lukas Bubendorf, Switzerland

001 14:45–15:15
 Neoadjuvant treatment
Sabina Berezowska, Switzerland

002 15:15–15:45
 Drug-induced ILD
Henry Tazelaar, USA

003 15:45–16:15
 Vaping/smoking/illicit drugs – the effect on the lung
Maxwell Smith, USA

004 16:15–16:45
 Lung pathology post-transplantation
Fiorella Calabrese, Italy

SC-11 **Short Course**
14:45–16:45 **Spadolini 3**
 Gynaecological Pathology
Morphological challenges in gynaecological pathology
Chairs: Ana Felix, Portugal
Sigurd Lax, Austria

001 14:45–15:15
 Sentinel node diagnosis
Ben Davidson, Norway

002 15:15–15:45
 The clinical role of vascular invasion
Simona Stolnicu, Romania

003 15:45–16:15
 Measuring tumour size and depth of invasion in gynaecological malignancies; how to do it and when is it important
Glenn McCluggage, United Kingdom

004 16:15–16:45
 Grading, atypia and mitotic count of gynaecologic malignancy
Sabrina Croce, France

SC-09 **Short Course**
14:45–16:45 **Cavaniglia**
 Digestive Diseases Pathology – GI
Intestinal neoplasms that challenge us
Chairs: Nicole Panarelli, USA
Roger Feakins, United Kingdom

001 14:45–15:09
 Challenging mesenchymal neoplasms of the intestines
Jason Hornick, USA

002 15:09–15:33
 Pitfalls in colorectal cancer pathology
Iris Nagtegaal, The Netherlands

003 15:33–15:57
 Difficult lymphoid proliferations in the intestine
Manuel Rodriguez-Justo, United Kingdom

004 15:57–16:21
 Small bowel adenocarcinoma: recent developments in pathology
Alessandro Vanoli, Italy

005 16:21–16:45
 Neuroendocrine neoplasms of the intestine: an update
Volkan Adsay, Turkey

| SC-12 | Short Course |
|--|--------------|
| 14:45–16:45 | Spadolini 4 |
| Haematopathology | |
| Application of ancillary techniques for diagnostic resolution of reactive and neoplastic bone marrow diseases | |
| Chairs: <i>Birgitta Sander, Sweden</i> <i>Falko Fend, Germany</i> | |

001 14:45–15:15
Reactive changes in the trephine bone marrow biopsy: what are the causes and how do they mimick neoplastic diseases?
Roos Leguit, The Netherlands

002 15:15–15:45
Practical application of flow cytometry in bone marrow diagnostics
Leonie Saft, Sweden

003 15:45–16:15
Practical diagnostic approach to myeloid and precursor cell neoplasms on trephine bone marrow biopsies
Alexandar Tzankov, Switzerland

004 16:15–16:45
Molecular genetics tools for solving diagnostic puzzles in the bone marrow
Darius Juskevicius, Switzerland

| SPEC-04 | Special Session |
|---|-----------------|
| 14:45–16:45 | Spadolini 6 |
| Joint Special Session ESP & IAP: Pathologists changing the world | |
| Chairs: <i>Catarina Eloy, Portugal</i> <i>Ghazi Zaatar, Lebanon</i> | |

001 14:45–15:15
Democratizing knowledge
Kamran Mirza, USA

002 15:15–15:45
Preventing cancer beyond frontiers
Ghazi Zaatar, Lebanon

003 15:45–16:15
The interventional pathologist: a woman with a needle
Karen Villar Zarra, Spain

004 16:15–16:45
Why is “quality assurance” a hard topic?
Andrzej Marszalek, Poland

| SC-13 | Short Course |
|---|--------------|
| 14:45–16:45 | Spadolini 7 |
| Soft Tissue and Bone Pathology | |
| (Updates on) emerging new entities | |
| Chair: <i>Andrew Folpe, USA</i> | |

001 14:45–14:57
FN1-rearranged calcified neoplasms (ddx to include THBS1::ADGFR2A)
Michael Michal, Czech Republic

002 14:57–15:09
Rhabdomyosarcoma – new subtypes
Carina Dehner, USA

003 15:09–15:21
Giant cell tumours of soft tissue
John Chrisinger, USA

004 15:21–15:45
KMT2A rearranged sarcoma and PRRX:N-COAX rearranged fibroblastic tumour
Andrew Folpe, USA

005 15:45–15:57
NUTM1 rearranged sarcoma
Francois Le Loarer, France

006 15:57–16:09
Inflammatory rhabdomyoblastic tumour (near haploid)
Akihiko Yoshida, Japan

007 16:09–16:33
Pseudoendocrine sarcoma (CTNNB1) and GLI1 rearranged nested glomoid neoplasm
David Papke, USA

| OFP-06 | Joint Oral Free Paper Session |
|--|-------------------------------|
| 14:45–16:45 | Volta |
| Endocrine Pathology | |
| Head and Neck Pathology | |
| Chairs: <i>Esther O'Regan, Ireland</i> <i>Esther Diana Rossi, Italy</i> | |

001 14:45–14:55
Clinicopathological and epigenetic differences between primary neuroendocrine tumours and neuroendocrine metastases in the ovary
Anna Vera Ditte Verschuur, The Netherlands

002 14:55–15:05

Prevalence and histologic features of multifocal fibrosing thyroiditis in the thyroid gland, a multicentre European study

Maria Vittoria Altavilla, Italy

F. Chiarucci, J. Vale, E. Solaroli, A. Repaci, S. Coluccelli, T. Maloberti, A. De Leo, C. Eloy, G. Tallini

003 15:05–15:15

Syndromic MEN1 parathyroid adenomas consist of multiple clones and subclones

Konstantin Bräutigam, United Kingdom

C. Nesti, P. Riss, C. Scheuba, B. Niederle, T. Grob, A. Di Domenico, M. Neuenschwander, P. Mazal, N. Köhn, R. Trepp, A. Perren, R. Kaderli

004 15:15–15:25

Reticulin framework alterations in paragangliomas: do they matter at all?

Eleonora Duregon, Italy

G. Orlando, C. Lopez, A. Vasconi, M. Volante, M. Parasiliti-Caprino, M. Papotti

005 15:25–15:35

Tumour grade in medullary thyroid carcinoma: correlation with outcome, molecular analysis and immunomodulation

Francesca Galuppini, Italy

S. Censi, M. Iacobone, L. Bertazza, S. Barollo, A. Dei Tos, C. Mian, G. Pennelli

006 15:35–15:45

Hobnail and tall cell subtypes: clinical and molecular characterization of two aggressive variants of papillary thyroid carcinoma

Francesca Galuppini, Italy

S. Censi, L. Bertazza, S. Barollo, M. Iacobone, A. Dei Tos, F. Vianello, C. Mian, G. Pennelli

007 15:45–15:55

Expression profile differences according to grade in medullary thyroid carcinoma

Ignacio Ruz-Caracuel, Spain

T. Caniego-Casas, T. Alonso-Gordoa, I. Carretero-Cerro, C. Ariño-Palao, A. Santón, M. Rosas, H. Pian, J. Molina-Cerrillo, P. Luengo, J. Palacios

008 15:55–16:05

Interest and relevance of the new 2022 WHO classification to predict the risk of refractory disease in thyroid carcinomas: review of a 238-cases cohort

Elise Andre, France

L. Mebarki, H. Lasolle, M. Ilie, F. Borson-Chazot, M. Decaussin-Petrucci

009 16:05–16:15

Sinonasal squamous cell carcinoma: a computer assisted image analysis of tumour infiltrating lymphocytes

Cecilia Taverna, Italy

K. Zavaglia, R. Scarpitta, I. Dallan, G. Arcovito, M. Hermsen, V. Cabal, A. Franchi

010 16:15–16:25

SATB2 is a useful marker to differentiate WNT pathway-altered odontogenic tumours from ameloblastoma and ameloblastic carcinoma

Kyu-Young Oh, Republic of Korea

J. Kim, S. Hong, H. Yoon

011 16:25–16:35

Tumour budding as a negative prognostic marker in sinonasal intestinal-type adenocarcinoma, independent from p53 status and dMMR

Valeria Maffeis, Italy

S. Puccio, G. Azzarello, L. Laurino, D. Cazzador, D. Politi, E. Emanuelli, G. Spinato, S. Ausoni

012 16:35–16:45

Biomarkers of different stages in the development of carcinoma of the larynx, identified by in situ spatial profiling of RNA targets

Anja Vombergar, Slovenia

N. Zidar, E. Boštjančič, U. Prosenč Zmrzljak

SS-04

Slide Seminar

14:45–16:45

Scherna

Cardiovascular Pathology

Diagnostic toolbox for the “thick heart”

Chairs: Ivana Kholova, Finland

Katarzyna Michaud, Switzerland

001 14:45–15:09

Case 1

Lacopo Olivotto, Italy

002 15:09–15:33

Case 2

Samuel Rotman, Switzerland

003 15:33–15:57

Case 3

Monica De Gaspari, Italy

004 15:57–16:21

Case 4

Joseph Westaby, United Kingdom

005 16:21–16:45

Case 5

*Cira Di Gioia, Italy***BPS-05** Best Poster Session**16:45–17:15** E-Poster Terminal 1
Spadolini Upper Floor**Gynaecological Pathology**Chair: *Joana Ferreira, Portugal***BPS-06** Joint Best Poster Session**16:45–17:15** E-Poster Terminal 2
Spadolini Upper Floor**Pathology in Favour of Developing Countries****Haematopathology**Chair: *Maurizio Martini, Italy***BPS-07** Joint Best Poster Session**16:45–17:15** E-Poster Terminal 3
Spadolini Upper Floor**Neuropathology****Other Topics**Chair: *Zane Jaunmuktane, United Kingdom***BPS-08** Joint Best Poster Session**16:45–17:15** E-Poster Terminal 4
Spadolini Upper Floor**Autopsy Pathology****Cardiovascular Pathology**Chair: *Cristina Basso, Italy***SC-14** Short Course**17:15–19:15** CavanigliaDigestive Diseases Pathology – Liver/
Pancreas**Pathology of the ampullary region: dos and don'ts**Chairs: *Sanjay Kakar, USA**Roger Feakins, United Kingdom*

001 17:15–17:45

Surgical pathology and grossing: that's the trick!

Caroline Verbeke, Norway

002 17:45–18:15

Precursor lesions: location matters

Volkan Adsay, Turkey

003 18:15–18:45

Adenocarcinoma of the ampulla: subtypes and relevant molecular pathology

Grace E. Kim, USA

004 18:45–19:15

Last but not least: non-adenocarcinomas of the ampulla

*Olca Basturk, USA***SC-15** Short Course**17:15–19:15** Spadolini 2

Pulmonary Pathology

Molecular Pathology

Small cell lung cancer: the present and the futureChairs: *Anja Roden, USA**Verena Tischler, Germany*

001 17:15–17:45

The present of SCLC and differential diagnoses

Anja Roden, USA

002 17:45–18:15

The transition of SCLC: molecular classification of SCLC

Zsolt Megyesfalvi, Hungary

003 18:15–18:45

Methylation and interest of liquid biopsy in SCLC

Rui Henrique, Portugal

004 18:45–19:15

Overview of biomarkers in SCLC, the present and the future

Verena Tischler, Germany

| SS-05 | Slide Seminar |
|--|--------------------|
| 17:15–19:15 | Spadolini 3 |
| Gynaecological Pathology | |
| Difficult cases resolved by molecular pathology | |
| Chairs: <i>Raji Ganesan, United Kingdom</i> <i>Carla Bartosch, Portugal</i> | |

001 17:15–17:28
Case 1
Mojgan Devouassoux-Shisheboran, France

002 17:28–17:41
Case 2
Baljeet Kaur, United Kingdom

003 17:41–17:54
Case 3
Koen Van De Vijver, Belgium

004 17:54–18:07
Case 4
Blake Gilks, Canada

005 18:07–18:20
Case 5
Pavel Dundr, Czech Republic

006 18:20–18:33
Case 6
Annette Staebler, Germany

007 18:33–18:46
Case 7
Raji Ganesan, United Kingdom

008 18:46–19:00
Case 8
Carla Bartosch, Portugal

009 19:00–19:15
Business Meeting Gynaecological Working Group
Ben Davidson, Norway

| SS-06 | Slide Seminar |
|---|--------------------|
| 17:15–19:15 | Spadolini 4 |
| Haematopathology | |
| Unravelling the intricacies of T- and NK-cell lymphomas and lymphoproliferations | |
| Chairs: <i>Maurilio Ponzoni, Italy</i> <i>Laurence De Leval, Switzerland</i> | |

001 17:15–17:30
Case 1
Ioanis Anagnostopoulos, Germany

002 17:30–17:45
Case 2
Leticia Quintanilla-Fend, Germany

003 17:45–18:00
Case 3
Arianna Di Napoli, Italy

004 18:00–18:15
Case 4
Falko Fend, Germany

005 18:15–18:30
Case 5
Laurence De Leval, Switzerland

006 18:30–18:45
Case 6
Alina Nicolae, France

007 18:45–19:00
Case 7
Birgitta Sander, Sweden

008 19:00–19:15
Case 8
John Goodlad, United Kingdom

| SPEC-05 | Special Session |
|---|--------------------|
| 17:15–19:15 | Spadolini 6 |
| Clinical trial pathology – potential, pitfalls, and perspectives | |
| Chair: <i>Albrecht Stenzinger, Germany</i> <i>Bernard Doger de Speville, Spain</i> | |

001 17:15–17:45
Academic pathology and clinical trials – a natural combination
Aurel Perren, Switzerland

002 17:45–18:15
Clinical and industry requirements in trial associated pathology
Bernard Doger de Speville, Spain

003 18:15–18:45
How to perform clinical trial pathology
Albrecht Stenzinger, Germany

004 18:45–19:15
Discussion/Q&A
Bernard Doger de Speville, Spain

SC-16 Short Course**17:15–19:15** Spadolini 7Soft Tissue and Bone Pathology
EWSR1-rearranged lesions of bone and soft tissueChairs: *Daniel Baumhoer, Switzerland*
*Francois Le Loarer, France***001** 17:15–17:37

EWSR1: ETS rearranged tumours of bone and soft tissue

*Judith Bovee, The Netherlands***002** 17:37–17:59

EWSR1: nonETS rearranged tumours of bone

*Petur Nielsen, USA***003** 17:59–18:21

EWSR1: rearranged myoepithelial tumours and carcinomas

*Julie C. Fanburg-Smith, USA***004** 18:21–18:43

EWSR1: rearranged soft tissue tumours: part 1

*Leona Doyle, USA***005** 18:43–19:05

EWSR1: rearranged soft tissue tumours: part 2

*Isidro Machado, Spain***SY-10** Symposium**17:15–19:15** VoltaPaediatric and Perinatal Pathology
Placental pathologies influencing neonatal outcomeChairs: *Jelena Martinovic, France*
*Beata Hargitai, United Kingdom***001** 17:15–17:39Placenta impairment and neonatal outcome
*Chiara Poggi, Italy***002** 17:39–18:03Placenta and acute HIE
*Evelina Silvestri, Italy***003** 18:03–18:27

Placenta and neurological impairment in infant

*Beverly B. Rogers, USA***004** 18:27–18:51Perinatal infections and the brain
*Marta Cohen, United Kingdom***005** 18:51–19:15

Gestational diabetes and neonatal hypoglycaemia

*Tamas Marton, United Kingdom***SY-11** Symposium**17:15–19:15** SchermaCardiovascular Pathology
Update on diagnostic criteria for myocarditis in the autopsy and biopsy settingChairs: *Cristina Basso, Italy*
*Giulia D'Amati, Italy***001** 17:15–17:39

Why do we need an update on myocarditis diagnostic criteria?

*Cristina Basso, Italy***002** 17:39–18:03

Myocarditis in the biopsy setting: issues and challenges

*Giulia D'Amati, Italy***003** 18:03–18:27

Diagnostic criteria for myocarditis in the biopsy setting: state of the art

*Marc Halushka, USA***004** 18:27–18:51

Diagnosing myocarditis at autopsy and on surgical samples: issues and challenges

*Katarzyna Michaud, Switzerland***005** 18:51–19:15

Diagnostic criteria for myocarditis at autopsy and on surgical samples: state of the art

Joseph Maleszewski, USA

▶ Tuesday, 10 September 2024

| LC-02 | Long Course |
|---|-------------------|
| 08:30–12:00 | Cavaniglia |
| Uropathology | |
| Hot issues in genitourinary pathology | |
| Chairs: <i>Maurizio Colecchia, Italy</i> <i>Dilek Ertoy Baydar, Turkey</i> | |

001 08:30–09:00
Pathology: hub and integrator of modern precision oncology in uropathology
Massimo Loda, USA

002 09:00–09:30
AI in uropathology: prostate cancer
Liam Cheng, USA

003 10:30–11:00
AI in uropathology: bladder cancer
Eva Compérat, Austria

004 11:00–11:30
Premalignant and putative precursor lesions of the kidney
Sean Williamson, USA

005 11:30–12:00
Determinants for clinical implementation of a molecularly informed molecular tumour board in GU tumours
Arndt Hartmann, Germany

| LC-03 | Long Course |
|--|--------------------|
| 08:30–12:00 | Spadolini 2 |
| Head and Neck Pathology | |
| Major controversies in head and neck pathology | |
| Chairs: <i>Ann Sandison, United Kingdom</i> <i>Roderick Simpson, United Kingdom</i> | |

001 08:30–09:00
Mucosal intraepithelial neoplasia: is there an optimal solution?
Mark Lingen, USA

002 09:00–09:30
The role of HPV: current disputes
Cécile Badoual, France

003 10:30–10:50
Carcinoma ex PA, salivary duct carcinoma and carcinosarcoma: confusing overlaps (histomorphology)
Stephan Ihrler, Germany

004 10:50–11:05
Carcinoma ex PA, salivary duct carcinoma and carcinosarcoma: confusing overlaps (molecular pathology)
Philipp Jurmeister, Germany

005 11:05–11:30
Carcinoma ex (inverted) papilloma – why not in the WHO-classification?
Alessandro Franchi, Italy

006 11:30–12:00
Biphasic versus in Situ in salivary tumours: contradictory principles
Emmanuelle Uro-Coste, France

| LC-04 | Long Course |
|---|--------------------|
| 08:30–12:00 | Spadolini 3 |
| Pulmonary Pathology | |
| Update on current and upcoming ancillary methodology in lung pathology diagnostics | |
| Chairs: <i>Marius Ilié, France</i> <i>Sabina Berezowska, Switzerland</i> | |

001 08:30–09:00
Update of molecular pathology
Marius Ilié, France

002 09:00–09:30
Methylation
Philipp Jurmeister, Germany

003 10:30–11:00
IHC, IF and multiplexing
Diane Damotte, France

004 11:00–11:30
Spatial MALDI-imaging on FFPE-slides
Axel Walch, Germany

005 11:30–12:00
Morphology – 3D pathology
Danny Jonigk, Germany

| LC-05 | Long Course |
|---|-------------|
| 08:30–12:00 | Spadolini 4 |
| Molecular Pathology Digital and Computational Pathology Molecular meets digital <i>Chairs: Olli Carpen, Finland Inti Zlobec, Switzerland Antonio Polonia, Portugal</i> | |

001 08:30–09:00
Bridging the gap: using novel technologies to transform clinical care
Heather Dawson, Switzerland

002 09:00–09:30
Deep learning for pathology biomarkers for precision oncology
Jakob Kather, Germany

003 10:30–11:00
Multimodal large language models for pathology
Faisal Mahmood, USA

004 11:00–11:30
Unraveling the tumour microenvironment using multiplexed imaging
Leeat Keren, Israel

005 11:30–12:00
Decoding pan-cancer tumour microenvironment with single-cell multiplex imaging
Teijo Pellinen, Finland

| SY-12 | Symposium |
|---|-------------|
| 08:30–12:00 | Spadolini 5 |
| Haematopathology Paediatric and Perinatal Pathology Lymphoid and histiocytic lesions in children, adolescents and young adults <i>Chairs: John Goodlad, United Kingdom Rita Alaggio, Italy</i> | |

001 08:30–09:00
Precursor lymphoid and myeloid neoplasms in children
Thierry Jo Molina, France

002 09:00–09:30
Histiocytic disorders in children
Jennifer Picarsic, USA

003 10:30–10:53
EBV-positive T and NK LPDs of childhood
Leticia Quintanilla-Fend, Germany

004 10:53–11:15
Reactive lesions in primary immune disorders mimicking lymphoma
Chris Bacon, United Kingdom

005 11:15–11:38
Paediatric-type follicular lymphoma and nodal marginal zone lymphoma
Arianna Di Napoli, Italy

006 11:38–12:00
Burkitt lymphoma in childhood and related disorders
Lorenzo Leoncini, Italy

| SpS-03 | Special Session |
|--|-----------------|
| 08:30–12:00 | Spadolini 6 |
| Challenges in bone and soft tissue pathology <i>Chairs: Angelo Paolo Dei Tos, Italy Abbas Agaimy, Germany</i> | |

001 08:30–09:00
Cost-effectively replacing molecular testing with immunohistochemistry in soft tissue tumour pathology
Jason Hornick, USA

002 09:00–09:30
Pitfalls in Bone tumour pathology
Judith Bovee, The Netherlands

003 10:30–11:00
Evolution of Soft tissue tumour classification: morphology-based or genetically-driven?
Angelo Paolo Dei Tos, Italy

004 11:00–11:30
Nonspecific morpho/immunophenotypes as a major source of misdiagnoses and challenges in soft tissue tumour pathology
Abbas Agaimy, Germany

005 11:30–12:00
Discussion/Q&A
Angelo Paolo Dei Tos, Italy

OFP-07 *Joint Oral Free Paper Session*

08:30–12:00 **Spadolini 7**

**Digestive Diseases Pathology – GI
Digestive Diseases Pathology – Liver/
Pancreas**

*Chairs: Atsuko Kasajima, Germany
Arzu Ensari, Turkey*

001 08:30–08:40

Assessing the application of the margin positive definition in colorectal cancer: a case for greater standardization when reporting oncologically significant margins?

Michael Bonert, *Canada*

E. Ho, A. Naqvi, I. Kak, I. El-Shinnawy, P. Major

002 08:40–08:50

Recommendations for diagnostic and revision strategies in Barrett's oesophagus: results of the Dutch oesophageal pathology panel (DEPP)

Ylva Weeda, *The Netherlands*

L. Brosens, M. Doukas, G. Kats-Ugurlu, J. van der Laan, I. van Lijnschoten, F. Moll, A. Ooms, L. Oudijk, C. van der Post, M. Raicu, W. Timens, M. Visser, M. van der Wel, S. Meijer

003 08:50–09:00

Tumour immune microenvironment in metastatic and non-metastatic microsatellite unstable colorectal carcinomas

Sabina Niyazova, *Germany*

C. Sers, D. Horst, C. Krüger, E. Lorenz, M. Hünerbein, A. von Kirchbach, A. Jarosch

005 09:00–09:10

Foundation of combine-and-conquer strategy in gastric and gastroesophageal junction adenocarcinomas (GA/GEJA): human epidermal growth factor receptor 2 (HER2) and programmed death-ligand 1 (PD-L1) expression in distinct tumour subclones

Ana Rita Coelho, *Portugal*

I. Gullo, M. Baptista Freitas, D. Leitão, L. Águas, C. Oliveira, A. Polónia, J. Gomes, C. Albuquerque Reis, H. Oliveira Duarte, F. Carneiro

006 09:10–09:20

Assessment of novel therapeutic treatments in KRAS mutant colorectal cancer using patient-derived organoids

Salvatore Piscuoglio, *Italy*

M. Lazzari, D. Liberati, K. Guja-Jarosz, L. Terracciano, C. Esposito

007 10:30–10:40

Could molecular profiling, through unsupervised clustering analysis of GEP-NETs, help in distinguishing the primary site in occult primary neuroendocrine neoplasms?

Giovanna Sabella, *Switzerland*

M. Gentili, F. Scalorbi, M. Silvestri, S. Brich, L. Agnelli, A. Vingiani, G. Pruneri, M. Milione

008 10:40–10:50

Prominent Schlafen 11 expression associates with right-sided, mismatch repair-deficient colorectal carcinomas – a study of 3,300 tumours

Maciej Kaczorowski, *Poland*

M. Chłopek, O. Daum, M. Michal, A. Kowalik, J. Lasota, M. Miettinen

009 10:50–11:00

EUS-FNB in pancreatic and extra-pancreatic lesions: a 5-year experience highlighting the importance of cell blocks for immunohistochemical analysis and biomolecular testing

Stefano Marletta, *Italy*

E. Cavallo, F. Romeo, F. Motta, M. Dello Spedale Venti, G. Leone, L. Gullotti, C. Bonanno, S. Pafumi, C. Carnaghi, G. Magro, G. Bonanno, A. Rizzo

010 11:00–11:10

Self-supervised learning to predict intrahepatic cholangiocarcinoma transcriptional classes on routine histology

Aurélie Beaufrère, *France*

T. Lazard, R. Nicolle, G. Lubuela, J. Augustin, M. Albuquerque, V. Priori, N. Théou-Anton, M. Lesurtel, M. Bouattour, K. Mondet, J. Cros, J. Calderaro, T. Walter, V. Paradis

011 11:10–11:20

Reporting residual disease (R0/R1) following pancreatoduodenectomy for pancreatic ductal adenocarcinoma: a joint position statement by the International Study Group for Pancreatic Surgery (ISGPS) and the International Study Group of Pancreatic Pathologists

Arantza Farina, *The Netherlands*

R. Theijse, B. Janssen, L. Lutter, O. Basturk, L. Brosens, I. Esposito, N. Fukushima, V. Henriques, C. Luchini, H. Wang, J. Werner, C. Verbeke, M. Besselink, V. Adsay

012 11:20–11:30

Next-generation sequencing improves diagnostic performances for patients with extrahepatic biliary strictures

Anne-Cécile Brunac, *France*

J. Peron, A. Culetto, K. Barange, L. Buscail, N. Fares, R. Guimbaud, E. Alouani, M. Jaffrelot, D. Grand, C. Basset, J. Selves

013 11:30–11:40

A novel subgroup of pancreatic neuroendocrine tumours with a highly metastatic potential characterized by PDX1 and CDX2 expression

Atsuko Kasajima, *Germany*

E. Moser, A. Ura, L. Vogel, K. Steiger, C. Mogler, M. Evert, B. Märkl, K. Scheidhauer, M. Martignoni, H. Friess, A. von Werder, I. Marinoni, A. Perren, G. Klöppel

014 11:40–11:50

HER2 amplification subtype intrahepatic cholangiocarcinoma exhibits high mutation burden and T cell exhaustion microenvironment

Xiaohong Pu, *China*

015 11:50–12:00

Spatial transcriptomics analysis of gallbladder precursor lesions and their progression to gallbladder carcinoma

Valentina Angerilli, *Italy*

T. de Bitter, E. Vink-Börger, Y. Doncheva, M. McGuigan, J. Cole, P. de Reuver, N. Jamieson, I. Nagtegaal, C. van der Post

OFP-08 *Joint Oral Free Paper Session*

08:30–12:00

Volta

Thymic and Mediastinal Pathology
Pathology in Favour of Developing
Countries

Cardiovascular Pathology

History of Pathology

Autopsy Pathology

*Chairs: Katarzyna Michaud, Switzerland
Giulia D'Amati, Italy*

001 08:30–08:40

Evaluation of diagnostic accuracy of state of the art post-mortem imaging compared to clinical hospital autopsy

Wolf-Dieter Zech, *Switzerland*

H. Hoppe, I. Arnold, N. Lange-Herr, J. Klaus, N. Schwendener, J. Brünig, B. Dislich, M. Trippel, Y. Banz

002 08:40–08:50

A 2-year review of microbiological testing in paediatric autopsies in a forensic setting

Sarah Parsons, *Australia*

J. Fronczek, L. Iles

003 08:50–09:00

State of decay: the validation and use of autopsy as tool to monitor rates of social isolation in the United Kingdom (UK) – a summary of three years of research

Theodore Estrin-Serlui, *United Kingdom*

004 09:00–09:10

High relevance of autopsy-based COVID-19 tissue biobanking in anti-SARS-CoV-2 vaccination research

Tilman Pfeffer, *Germany*

K. Hofmann, I. Klein, C. Schwab, L. Hartmann, A. Marx, M. Werner, O. Schilling, F. Fend, H. Bösmüller, P. Möller, N. Gaisa, A. Stenzinger, T. Longerich, P. Schirmacher

005 09:10–09:20

An in-depth characterization of the natural history of viral myocarditis in a murine coxsackie B3 model

Manon Van Hecke, *Belgium*

K. Favere, S. Eens, P. Guns, T. Roskams, H. Heidebuchel

006 09:20–09:30

Automatic quantification of amyloid birefringence in cardiac amyloidosis by digital pathology

Alessandra Celi, Italy

A. Pucci, F. Greco, S. Polito, V. Musetti, V. Castiglione, A. Aimo, G. Vergaro, M. Emdn

007 10:30–10:40

Predictors of temporal arteritis: a retrospective analysis of 781 biopsies that includes consideration of the pathologist, surgeon and biopsy length

Michael Bonert, Canada

G. Bidla, A. Naqvi, N. Khalidi, M. Junek, A. Thoma

008 10:40–10:50

Enhancing amyloid diagnosis via proteomics: from plaque to tissue

Annelore Vandendriessche, Belgium

T. Maia, D. Van Haver, I. Kaya, M. Van Der Linden, J. Van Dorpe, A. Dendooven, S. Devos, F. Impens

009 10:50–11:00

Theatrum anatomicum: pathology as a spectacle through the ages

Hazel O'Shea, Ireland

010 11:00–11:10

Stroma AReactive Invasion Front Areas (SARIFA) as a new prognostic biomarker in digestive and prostate cancers indicating metabolic reprogramming by tumour cell – adipocyte interaction

Bruno Märkl, Germany

B. Grosser, N. Reitsam, P. Grochowski, M. Gross, J. Enke, J. Waidhauser

011 11:10–11:20

MTAP immunohistochemistry and peritoneal mesothelioma: is it really an accurate surrogate for CDKN2A fluorescent in situ hybridization?

Andrea Quaranta, Italy

F. Fortarezza, A. Marzullo, C. Caporusso, S. Maniglio, F. Pentimone, F. Pezzuto, L. Vimercati, G. Serio, A. d'Amati

012 11:20–11:30

Optimizing workflow and archiving of slides in a busy pathology laboratory through implementing a slide traceability and archiving system

Pernille Lund, Denmark

013 10:30–10:40

NUT carcinoma of lung/mediastinum: a series of 34 cases of aggressive thoracic tumours from developing nation

Rajiv Kaushal, India

R. Khedkar, T. Pai, N. Karnik, A. Janu, V. Noronha, K. Prabhash, J. Agarwal, C. Pramesh

014 10:40–10:50

A preliminary assessment of bap1, mtpap, ki67, cd5, cd117 in a thymic carcinoma monocentric cohort

Stefano Stanca, Italy

I. Di Stefano, V. Aprile, I. Petrini, G. Ali

| SC-17 | Short Course |
|-------------------------------------|------------------|
| 08:30–12:00 | Schermata |
| History of Pathology | |
| Electron Microscopy | |
| Infectious Diseases Pathology | |
| History of EM in pathology | |
| Chairs: Renate Kain, Austria | |
| Jacek Gulczynski, Poland | |

001 08:30–08:55

Ultrastructure as background of knowledge development – from past into the future

Andrzej Marszalek, Poland

002 08:55–09:20

A glimpse of Electron microscopy in infectious diseases

Vsevolod Zinserling, Russia

003 09:20–09:30

What and where? The ultrastructure of the "dots" in Merkel cell carcinoma

Piotr Donizy, Poland

004 10:30–10:55

I have a Dream – anniversary of the clinical Electron Microscopy institute and the role of EM in Italy

Giovanna Cenacchi, Italy

005 10:55–11:15

TEM in renal pathology

Renate Kain, Austria

006 11:15–11:38A challenging case solved by EM
Valentina Papa, Italy**007** 11:38–12:00Cases of subacute sclerosing panencephalitis in Croatia
Antonia Jakovcevic, Croatia**KNL-03** Keynote Lecture**12:15–13:00** CavanigliaChairs: **Peter Schirmacher, Germany**
Gabriella Nesi, ItalyESP Symeonidis Lecture:
Subtyping of Pancreatic Neuroendocrine Neoplasms
Günter Klöppel, Germany**SY-13** Symposium**14:45–16:45** CavanigliaDigestive Diseases Pathology – GI
Demystifying unusual inflammatory patterns of the luminal gastrointestinal tractChairs: **Paula Borralho-Nunes, Portugal**
Raul Gonzalez, USA**001** 14:45–15:15Uncommon patterns of oesophagitis
Mikhail Lisovsky, USA**002** 15:15–15:45Demystifying autoimmune gastritis and other unusual gastritis
Stephen Lagana, USA**003** 15:45–16:15Demystifying small bowel mucosal pathology and the coeliac pattern
Arzu Ensari, Turkey**004** 16:15–16:45How to approach chronic colitis that are not idiopathic IBD
Michelle Moore, United Kingdom**SS-07** Slide Seminar**14:45–16:45** Spadolini 2Head and Neck Pathology
A basket of surprising cases
Chairs: **Edward Odell, United Kingdom**
Cécile Badoual, France**001** 14:45–15:00Case 1
Jan Laco, Czech Republic**002** 15:00–15:15Case 2
Edward Odell, United Kingdom**003** 15:15–15:30Case 3
Natalie Klubickova, Czech Republic**004** 15:30–15:45Case 4
Silvana Di Palma, United Kingdom**005** 15:45–16:00Case 5
Miguel Rito, Portugal**006** 16:00–16:15Case 6
Valerie Costes-Martineau, France**007** 16:15–16:30Case 7
Tina Klitmoeller Agander, Denmark**008** 16:30–16:45Case 8
Llucia Alos, Spain**SY-14** Symposium**14:45–16:45** Spadolini 3Pulmonary Pathology
Haematopathology
Too much blue in lung and pleura – malignant and benign lymphoid lesions
Chairs: **Fiorella Calabrese, Italy**
Alexandar Tzankov, Switzerland**001** 14:45–15:15Plasma cell related lesions of the lung, including IgG4 associated disease
Federica Pezzuto, Italy**002** 15:15–15:45Pleural lymphoproliferative disorders with a focus on PEL and fluid overload lymphomas
Arianna Di Napoli, Italy

003 15:45–16:15

Pulmonary lymphomas: differential diagnoses and the mutational landscape

Alexandar Tzankov, Switzerland

004 16:15–16:45

Histiocytoses with a focus on lung and pleura

Jean-Francois Emile, France

SC-18

Short Course

14:45–16:45

Spadolini 4

Digital and Computational Pathology

Next Generation Pathologists

Chairs: **Antonio Polonia, Portugal**

Inti Zlobec, Switzerland

001 14:45–15:09

Pros and cons in a fully digitalised workflow

Sanne Kjær-Frifeldt, Denmark

002 15:09–15:33

Computational and integrative pathology from diagnosis to prediction: an Italian experience

Vincenzo L'imperio, Italy

003 15:33–15:57

Application of computational pathology to head and neck lesions

Ali Khurram, United Kingdom

004 15:57–16:21

Shaping dAlgnostic pathology

Yuri Tolkach, Germany

005 16:21–16:45

Digital pathology: new technologies giving new eyes to pathologists

Laura Rubbia-Brandt, Switzerland

OFP-09

Oral Free Paper Session

14:45–16:45

Spadolini 5

Dermatopathology

Chairs: **Eleni Ieremia, United Kingdom**

Jože Pižem, Slovenia

001 14:45–14:55

Digital spatial profiling yields an activated and B-cell enriched tumour microenvironment in primary melanomas associated with brain metastases

Zineb Belcaid, The Netherlands

N. al Amery, S. Najjary, D. Mustafa, J. Kros

002 14:55–15:05

Melanoma of the female genital tract: morphological, clinical and molecular characterization

Pietro Antonini, Italy

F. Patrizi, A. Muccilli, F. Castiglione, A. De

Magnis, A. Santoro, G. Garganese, G.

Scambia, G. Zannoni, M. Mandalà, D. Massi

003 15:05–15:15

Basal cell carcinoma of the skin under the age of 40 years: a retrospective study

Ivana Savic, Serbia

J. Pecanac

004 15:15–15:25

Impact of COVID-19 on clinical findings and histopathological characteristics in cases of cicatricial alopecia: a retrospective cohort study

Sergen Yagci, Turkey

E. Yağci, H. Örün, N. Özcan, Ö. Özen

005 15:25–15:35

Artificial intelligence applied to a first screening of naevoid melanoma: a new use of fast random forest algorithm in dermatopathology

Gerardo Cazzato, Italy

A. Massaro, A. Colagrande, I. Trilli, G.

Ingravallo, N. Casatta, C. Lupo, A. Ronchi, R.

Franco, E. Maiorano, A. Vacca

006 15:35–15:45

Evaluation of Fumarate Hydratase (FH) and 2-Succinocysteine stainings in cutaneous leiomyomas: an immunohistochemical study

Beste Noyan Mod, Turkey

C. Leblebici, A. Başkan

007 15:45–15:55

Histopathological clues observed with hematoxylin and eosin staining in cases diagnosed with dermatophytosis

Buket Timur, Turkey

B. Lebe

008 15:55–16:05

Diagnostic and prognostic relevance of Spatz-Barnhill criteria for the diagnosis of Spitz nevi

Dorra Chiba, Tunisia

N. Ouini, A. Benabdelkader, I. Bahri, S. Ben Tekaya, W. Mokni, B. Sriha, M. Mokni

009 16:05–16:15

Expression of the PRAME immunohistochemical marker in melanocytic lesions: a potential biomarker and its role in differential diagnosis of malignant lesions

Beste Noyan Mod, Turkey

C. Leblebici

010 16:15–16:25

Association of lymphomatoid papulosis and mycosis fungoides: a retrospective study at a third level hospital

Aimudena Sobrino Prados, Spain

S. Galeano Reyes, P. Bueno Ortiz, F. Granados Pacheco, K. Martins, M. González Afonso, M. Camacho García

011 16:25–16:35

Histomorphometric analysis of metastatic sentinel lymph nodes in melanoma and correlation with regional lymph node dissection status and survival

Tuççe Aydemir, Turkey

B. Yaman, G. Serin, T. Akalin

OFP-10 Joint Oral Free Paper Session

14:45–16:45

Spadolini 6

Uro pathology

Nephropathology

*Chairs: Arvydas Laurinavicius, Lithuania
Felix Bremmer, Germany*

002 14:45–14:55

Macrophage activation in antibody-mediated renal allograft rejection

Vinita Agrawal, India

S. Kamthan, S. Pratap Singh, N. Prasad

003 14:55–15:05

Altered glycocalyx sialylation for differential diagnosis of thrombotic microangiopathy (TMA) in renal allografts

Jessica Schmitz, Germany

W. Dai, A. Tölke, K. Diahovets, K. Niculovic, K. Schmidt-Ott, U. Eisenberger, A. Gäckler, S. Dietrich, K. Schulte, H. Stark, W. Gwinner, J. Menne, A. Münster-Kühnel, J. Bräsen

004 15:05–15:15

Unsupervised learning for labeling globally sclerosed glomeruli

Hrafn Weishaupt, Norway

J. Besusparis, S. Leh

005 15:15–15:25

PD-L1, ADAR2, and androgen receptor expression in BCG-treated urothelial bladder carcinoma in situ

Vincenzo Fiorentino, Italy

C. Pizzimenti, L. Pepe, E. Germanà, G. Ricciardi, W. Giordano, F. Pierconti, A. Ieni, V. Ficarra, G. Fadda, G. Tuccari, M. Martini

006 15:25–15:35

High tumour mutational burden is associated with strong PD-L1 expression, HPV negativity, and worse survival in penile squamous cell carcinoma: an analysis of 165 cases

Jan Hrudka, Czech Republic

J. Hojný, Z. Prouzová, M. Kendall Bártů, D. Čapka, N. Zavillová, P. Waldauf, R. Matěj

007 15:35–15:45

Analysis of MicroRNA-371-373 on post-chemotherapy trophoblastic tumours of germ cell tumour origin support a differentiation phenomenon towards teratoma

João Lobo, Portugal

N. Tavares, D. Fonseca, C. Jerónimo, R. Henrique, M. Idrees, T. Ulbright, A. Acosta

008 15:45–15:55

TFEB-altered renal cell carcinoma is morphologically and immunohistochemically challenging entity

Kristýna Pivovarcíková, Czech Republic

J. Rogala, L. Kuthi, M. Slisarenko, B. Rychlý, M. Michal

009 15:55–16:05

Cytogenomic evaluation of severe oligozoospermia cases undergoing infertility treatment

Aatish Saraswat, India

B. Chakrabarty, N. N. S. Venkatesan

010 16:05–16:15

Utilising artificial intelligence to support histopathological diagnosis of needle core biopsies and transurethral resection of the prostate: a clinical validation study

Fiona Maclean, Australia

A. de Souza, M. Phang, C. Petrucco, M. Peters, C. Warren

011 16:15–16:25

Beyond BRCA: what does assessment of additional homologous recombination and mismatch repair genes in primary and metastatic prostatic adenocarcinoma add?

Ngoc-Nhu Jennifer Nguyen, Canada

N. Park, E. Olkhov-Mitsel, W. Huang, C. Sherman, M. Downes

012 16:25–16:35

Somatic genomic alterations TP53, CDKN2A, ATM, EPHA7, POT1, CHEK1, GRIN2A and EGFR worsen survival in penile squamous cell carcinoma: comprehensive DNA analysis of 146 cases and correlation with patient's follow-up

Jan Hrudka, Czech Republic

J. Hojný, Z. Prouzová, E. Krkavcová, M. Kendall Bártů, J. Dvořák, R. Michálková, D. Čapka, N. Zavillová, R. Matěj, P. Waldauf

SY-15 Symposium

14:45–16:45 Spadolini 7

Thymic and Mediastinal Pathology
The value and challenges of alternative histopathological techniques in the workup of anterior mediastinal tumours

Chairs: Jan von der Thüsen, The Netherlands

Malgorzata Szolkowska, Poland

001 14:45–14:59

Is cytology useful in the diagnosis of anterior mediastinal tumours? Pro

Andre Moreira, USA

002 14:59–15:13

Is cytology useful in the diagnosis of anterior mediastinal tumours? Con

Izidor Kern, Slovenia

003 15:13–15:25

Discussion

Jan von der Thüsen, The Netherlands

004 15:25–15:39

Are biopsies useful in the diagnosis of anterior mediastinal tumours? Pro

Rex Hung, USA

005 15:39–15:53

Are biopsies useful in the diagnosis of anterior mediastinal tumours? Con

Paolo Mendogni, Italy

006 15:53–16:05

Discussion

Jan von der Thüsen, The Netherlands

007 16:05–16:19

Is frozen section diagnostics useful for thymectomy specimens? Pro

Anja Roden, USA

008 16:19–16:33

Is frozen section diagnostics useful for thymectomy specimens? Con

Thierry Jo Molina, France

009 16:33–16:45

Discussion

Jan von der Thüsen, The Netherlands

SY-16 Symposium

14:45–16:45 Volta

History of Pathology
Pathology in Favour of Developing Countries

The rosetta stones of pathology

Chairs: Giulia De Falco, United Kingdom

Vincenzo Canzonieri, Italy

Maurizio Martini, Italy

001 14:45–15:15

At the core of the core prostate biopsy

Gabriella Nesi, Italy

002 15:15–15:45

Historical perspective of Burkitt lymphoma – from past to future

Sam Mbulaiteye, USA

003 15:45–16:15

Historical view of prion diseases

Ewa Izzycka-Swieszewska, Poland

004 16:15–16:45

Historical approach to pathology and medicine of old Portuguese empire

Rosa Helena Henriques De Gouveia, Portugal

OFP-11 *Joint Oral Free Paper Session*
14:45–16:45 *Schlerma*
Soft Tissue and Bone Pathology
Infectious Diseases Pathology
Chairs: Rupert Langer, Austria

001 14:45–14:55

Description of FOS alterations in osteosarcoma raises the hypothesis of malignant transformation of osteoblastoma: a multicentric clinico-pathological and molecular study of five cases

Christophe Bontoux, France

H. Reboul, M. Csanyi, C. Bouvier, F. Larousserie, H. Sartelet, F. Bibeau, G. De Pinieux, N. Van Acker, S. Evrard, A. Gomez-Mascard

002 14:55–15:05

USP2 and USP8 fusions define a new subset of myofibroblastic neoplasms

Corinne Bouvier, France

A. Marsan-Fratini, A. Meurgey, D. Pissaloux, S. El Zein, G. Pierron, F. Le Loarer, M. Karanian, F. Tirode, N. Macagno

003 15:05–15:15

Optical genome mapping detects complex rearrangement patterns in Ewing sarcoma that associate with poor clinical outcome

Juan Diaz-Martin, Spain

C. Salguero-Aranda, E. de Álava

004 15:15–15:25

Primary intraosseous “undifferentiated” sarcomas showing rhabdomyoblastic differentiation: clinicopathological, immunohistochemical and molecular features of 11 ultra-rare tumours

Kemal Kosemehmetoglu, Turkey

B. Rekhi, R. Jayan, O. Shetty, J. Bajpai, K. Kösemehmetoğlu

005 15:25–15:35

Liposclerosing myxofibrous tumour: case series with radiologic-pathologic correlation and review of this infrequent entity

Eva Manuela Pena Burgos, Spain

G. Serra del Carpio, M. Tapia Viñe, E. Ortiz Cruz, J. Pozo Kreiling

006 15:35–15:45

Mesenchymal chondrosarcoma: a tertiary care centre experience from South India

Iswarya S Nair, India

J. K. S. Nair P, N. Radhakrishnan, E. Joy, G. N, V. M, P. T, M. Paul, A. Mathew

007 15:45–15:55

Prognostic value of vessels encapsulating tumour clusters (VETC) in solitary fibrous tumours (SFT). Validation on a retrospective cohort

Alessandra Bressan, Italy

L. Sama, O. Mintemur, L. Ruspi, A. Bertuzzi, P. Colombo, A. Bonometti, F. Cananzi, S. Renne

008 15:55–16:05

CD63 prevents the elimination of cancer cells through macrophages in osteosarcoma

Tristan Lerbs, Germany

L. Cui, C. Muscat, R. Buettner, G. Wernig

009 16:05–16:15

Impact of disruptions in antigen processing and presentation machinery on sarcoma

Salvatore Renne, Italy

L. Sama, S. Kumar, O. Mintemur, L. Ruspi, F. Sicoli, A. Bertuzzi, A. Bonometti, P. Colombo, V. D’amato, A. Bressan, L. Terracciano, P. Navarra, F. Grizzi, F. Cananzi

010 16:15–16:25

Exploring the potential of optical genome mapping in soft-tissue and bone tumours

Empar Mayordomo Aranda, Spain

Á. Díaz González, C. García Ruiz, F. Giner, L. Rubio Martínez, S. Hernández Girón, N. Torres Hernández, C. De la Calva, P. González Rojo, S. Gimenez Ortiz, C. Ramirez Fuentes, J. Amaya Valero, E. Such Taboada

011 16:25–16:35

DVICE – detection of virus-induced cytopathic effect using AI

Urs Greber, Switzerland

A. Petkidis, V. Andriasyan, L. Murer, R. Volle

012 16:35–16:45

Invasive fungal disease in chronic liver transplant failure – an underestimated burden

Katharina Hofmann, Germany

A. Puzalkova, T. Pfeffer, I. Klein, A. Mehrabi, U. Merle, R. Penzel, A. Stenzinger, C. Flechtenmacher, P. Schirmacher

PL-01 **Plenary Session**
16:45–17:30 **E-Poster Terminal 1**
Plenary Oral Free Paper Session
Chairs: Peter Schirmacher, Germany
Gabriella Nesi, Italy

SC-19 **Short Course**
17:30–19:30 **Cavaniglia**
 Digestive Diseases Pathology – GI
Gastrointestinal manifestations of systemic disease
Chairs: Fátima Carneiro, Portugal
David Schaeffer, Canada

001 17:30–17:54
 Dermatological conditions and vasculitides involving the GI tract
Rhonda Yantiss, USA

002 17:54–18:18
 Amyloidosis of the GI tract and its mimics
Gayatri Raghuram, United Kingdom

003 18:18–18:42
 GI tract sarcoidosis, histiocytic disorders, and mast cell disorders
Shaun Walsh, United Kingdom

004 18:42–19:06
 Metastases to the GI tract
Francesca Rosini, Italy

005 19:06–19:30
 Systemic infections affecting the GI tract
Nicole Panarelli, USA

SC-20 **Short Course**
17:30–19:30 **Spadolini 2**
 Head and Neck Pathology
Near misses in head/neck cases (+ Business Meeting)
Chairs: Bruce Wenig, USA
Jelena Sopta, Serbia

001 17:30–17:50
 Case 1
Metka Volavsek, Slovenia

002 17:50–18:10
 Case 2
Ilmo Leivo, Finland

003 18:10–18:30
 Case 3
Isabel Fonseca, Portugal

004 18:30–18:50
 Case 4
Ann Sandison, United Kingdom

005 18:50–19:10
 Case 5
Bruce Wenig, USA

006 19:10–19:30
 Business Meeting Head and Neck Pathology Working Group
Stephan Ihrler, Germany

SS-08 **Slide Seminar**
17:30–19:30 **Spadolini 3**
 Trainees
 Pulmonary Pathology
Lung pathology – from beginner to expert
Chairs: Pui Yuen Lee, The Netherlands
Radu Pirlog, Romania

001 17:30–18:00
 Case 1
Lauren D'Sa, United Kingdom

002 18:00–18:30
 Case 2
Francesca Ambrosi, Italy

003 18:30–19:00
 Case 3
Spasenija Savic-Prince, Switzerland

004 19:00–19:30
 Case 4
Luka Brcic, Austria

SC-21 **Short Course**
17:30–19:30 **Spadolini 4**
 Digital and Computational Pathology
Debating the pros and cons of AI topics
Chairs: Inti Zlobec, Switzerland
Norman Zerbe, Germany

001 17:30–17:50
 Where do we stand with AI for health?
José Ricardo Leite Oliveira Brandão, Portugal

002 17:50–18:00
 Pre-debate survey and moderation
Balazs Acs, Sweden

003 18:00–18:05
 DEBATE 1: Pro- Are we (pathologists) ready for AI in practice?
Falko Fend, Germany

004 18:05–18:10
DEBATE 1: Con- Are we (pathologists)
ready for AI in practice?
Catherine Guettier, France

005 18:10–18:30
Discussion
Inti Zlobec, Switzerland

006 18:30–18:35
DEBATE 2: Pro- Interpretability and
explainability in AI: is it necessary?
Vincenzo L'imperio, Italy

007 18:35–18:40
DEBATE 2: Con- Interpretability and
explainability in AI: is it necessary?
Diana Montezuma Felizardo, Portugal

008 18:40–19:00
Discussion
Inti Zlobec, Switzerland

009 19:00–19:10
Post-debate survey
Balazs Acs, Sweden

010 19:10–19:30
Update on ESDIP activities
Norman Zerbe, Germany

SS-09 Slide Seminar
17:30–19:30 Spadolini 5
Molecular Pathology
Paediatric and Perinatal Pathology
**Tumour predisposition syndromes in
children, adolescents and young adults:
another planet?**
*Chairs: Ronald de Krijger, The Netherlands
Päivi Heikkilä, Finland*

001 17:30–17:50
Case 1
Jouko Lohi, Finland

002 17:50–18:10
Case 2
Uta Flucke, The Netherlands

003 18:10–18:30
Case 3
Eric Legius, Belgium

004 18:30–18:50
Case 4
Arnaud De La Fouchardière, France

005 18:50–19:10
Case 5
Dominique Berrebi, France

006 19:10–19:30
Case 6
Sabrina Rossi, Italy

SPEC-06 Special Session
17:30–19:30 Spadolini 6
**Special Session ESP Educational
Subcommittee: Transcending the diag-
nostician role: pathologists beyond
boundaries**
*Chairs: Catarina Eloy, Portugal
Xavier Matias-Guiu, Spain*

001 17:30–17:56
Spreading the word through multiples
channels
Lara Pijuan, Spain

002 17:56–18:22
With the patient at hand
Catarina Eloy, Portugal

003 18:22–18:48
The word that guides the treatment
Fabio Pagni, Italy

004 18:48–19:14
If an image could speak...
Ali Khurram, United Kingdom

005 19:14–19:30
The ever-expanding palette of ESP
Educational activities, for you to paint a
pathology masterpiece!
Christos Poullos, Belgium

SS-10 Slide Seminar
17:30–19:30 Spadolini 7
Thymic and Mediastinal Pathology
**The mediastinal case that kept me up at
night**
*Chairs: Anja Roden, USA
Wim Timens, The Netherlands*

001 17:30–17:50
Case 1
Luka Brcic, Austria

002 17:50–18:10
Case 2
Stefan Porubsky, Germany

003 18:10–18:30

Case 3

M. Angeles Montero Fernandez, *United Kingdom*

004 18:30–18:50

Case 4

Nils 't Hart, *The Netherlands*

005 18:50–19:10

Case 5

Dieter Peeters, *Belgium*

006 19:10–19:30

Case 6

Helmut Popper, *Austria*

SC-22 Short Course

17:30–19:30

History of Pathology

Historical forum on Renaissance medicine and pathology

Chairs: **Luca Ventura**, *Italy*
Luisa Ferrari, *Italy*

Volta

001 17:30–17:50

Antonio Benivieni: a brief account on a Renaissance pioneer in pathology

Raffaella Santi, *Italy*

002 17:50–18:10

Malformations in Renaissance art

Jacek Gulczynski, *Poland*

003 18:10–18:30

António Luís (1510-1575) – life & work of a Renaissance physician

Lina Carvalho, *Portugal*

004 18:30–18:50

Juan Huarte de San Juan – contribution to Spanish medical Renaissance

Luis Alfaro, *Spain*

005 18:50–19:10

Thomas Sydenham – a Renaissance British physician

Matthew Clarke, *United Kingdom*

006 19:10–19:30

Kidney and bladder stones in Renaissance: treatment and paleopathological evidence

Raffaele Gaeta, *Italy*

SY-17 Symposium

17:30–19:30

Scherma

Electron Microscopy

Emerging topics and fields in diagnostic EM

Chairs: **Renate Kain**, *Austria*
Valentina Papa, *Italy*

001 17:30–18:00

EM-based nano-toxicology

Nobuhiro Morone, *United Kingdom*

002 18:00–18:30

Visualising vascular remodelling

Danny Jonigk, *Germany*

003 18:30–18:40

Exploring the contribution of electron microscopy in pneumoconiosis: case studies of hard metal lung disease

Francesco Fortarezza, *Italy*

004 18:40–19:10

Electron microscopy in virus entry and assembly

Urs Greber, *Switzerland*

005 19:10–19:30

Business Meeting of the Electron Microscopy Working Group

Renate Kain, *Austria*

► Wednesday, 11 September 2024

SY-18 Symposium**08:30–12:00** Cavaniglia

Digestive Diseases Pathology – GI

Pre-malignancy and early cancer of the GI tract: pathological precisionChairs: *Iris Nagtegaal, The Netherlands*
*Jean-Francois Fléjou, France***001** 08:30–09:00

Barrett's oesophagus: an update

*Manuel Rodriguez-Justo, United Kingdom***002** 09:00–09:30

Early gastric cancer

*Fátima Carneiro, Portugal***003** 10:30–11:00

GI dysplasia in IBD

*Gregory Lauwers, USA***004** 11:00–11:30

Colorectal adenomas and pT1 cancers: my approach

*Maurice Loughrey, United Kingdom***005** 11:30–12:00

LAMN, HAMN, and polyps of the appendix

*Rhonda Yantiss, USA***LC-06** Long Course**08:30–12:00** Spadolini 2

Urothelium

Recommendation from Consensus meeting in GU tumours (+ Business Meeting)Chairs: *George Netto, USA*
*Maria Rosaria Raspollini, Italy***001** 08:30–09:00

Reasons for a consensus GUPS ISUP on SCST – results

*Daniel Berney, United Kingdom***002** 09:00–09:30

Consensus GUPS ISUP: recommendations for molecular studies

*Andres Martin Acosta, USA***003** 10:30–11:00

Consensus GUPS ISUP: recommendation for reporting SCST

*Muhammad Idrees, USA***004** 11:00–11:30

ISUP Consensus on bladder cancer

*Gladdell Paner, USA***005** 11:30–12:00

Business Meeting of the Urothelium Working Group

*George Netto, USA***SY-19** Symposium**08:30–12:00** Spadolini 3

Head and Neck Pathology

Molecular Pathology

Molecular pathology in head and neck: rapidly catching upChairs: *Alena Skálová, Czech Republic*
*Kristiina Heikinheimo, Finland***001** 08:30–09:00

Methylome and copy number analysis in soft tissue and bone neoplasms

*Daniel Baumhoer, Switzerland***002** 09:00–09:30

Emerging genetic landscape of epithelial sinonasal malignancies

*Abbas Agaimy, Germany***003** 10:30–11:00

How molecular pathology changed our diagnostic work up of salivary gland tumours

*Katalin Kiss, Denmark***004** 11:00–11:30

The complex molecular profile of head & neck squamous cell carcinoma

*Alfons Nadal, Spain***005** 11:30–12:00

Circulating tumour DNA – a new tool to transform head and neck cancer treatment

Ben O'Leary, United Kingdom

| SC-23 | Short Course |
|--|--------------------|
| 08:30–12:00 | Spadolini 4 |
| Neuropathology Cardiovascular Pathology Electron Microscopy | |
| Diagnostic challenges in drug-induced neuromuscular and cardiac pathology: multidisciplinary approach | |
| <i>Chairs: Carla Giordano, Italy Giovanna Cenacchi, Italy Zane Jaunmuktane, United Kingdom</i> | |

- 001** 08:30–08:50
New drug for cancer therapy: focus on check-point inhibitors
Antoine F. Carpentier, France
- 002** 08:50–09:10
Muscular pathology induced by checkpoint inhibitors
Edoardo Malfatti, France
- 003** 09:10–09:30
Nerve pathology induced by check-point inhibitors
Anne Schänzer, Germany
- 004** 10:30–10:50
Cardiac pathology induced by checkpoint inhibitors
James Stones, USA
- 005** 10:50–11:10
Drug-induced muscle disease
Aisling Carr, United Kingdom
- 006** 11:10–11:22
Unusual cases of drug-induced pathology in muscle
Giovanna Cenacchi, Italy
- 007** 11:22–11:34
Unusual cases of drug-induced pathology in heart
Carla Giordano, Italy
- 008** 11:34–12:00
Discussion/Q&A
Carla Giordano, Italy

| SPEC-07 | Special Session |
|---|--------------------|
| 08:30–12:00 | Spadolini 5 |
| ESP & Highlights of ASCO | |
| <i>Chairs: Aleš Ryška, Czech Republic Peter Schirmacher, Germany Xavier Matias-Guiu, Spain Nicola Normanno, Italy</i> | |

- 001** 08:30–08:50
Highlights of ASCO 1
Antonia-Carmen Georgescu, Romania
- 002** 08:50–09:10
Highlights of ASCO 2
Anita Sejben, Hungary
- 003** 09:10–09:30
Panel Discussion (with all speakers and chairs)
Aleš Ryška, Czech Republic
- 004** 10:30–10:50
Highlights of ASCO 3
Ivan Fernandez Vega, Spain
- 005** 10:50–11:08
Highlights of ASCO 4
Antonia-Carmen Georgescu, Romania
- 006** 11:08–11:26
Highlights of ASCO 5
Anita Sejben, Hungary
- 007** 11:26–11:44
Highlights of ASCO 6
Ivan Fernandez Vega, Spain
- 008** 11:44–12:00
Panel Discussion (with all speakers and chairs)
Aleš Ryška, Czech Republic

| SY-20 | Symposium |
|---|--------------------|
| 08:30–12:00 | Spadolini 6 |
| Cytopathology Pulmonary Pathology | |
| Lung pathology meets cytology: updates on the state of the art | |
| <i>Chairs: Spasenija Savic-Prince, Switzerland Marianne Engels, Germany</i> | |

- 001** 08:30–09:00
WHO reporting system for lung cytopathology: standardisation matters
Lukas Bubendorf, Switzerland

002 09:00–09:30

Diagnostic and predictive immunocytochemistry in lung cancer on cell blocks
Elena Vigliar, Italy

003 10:30–11:00

Predictive marker testing in lung cancer using small samples (cytology, biopsy): different samples, same needs
Maria Dolores Lozano, Spain

004 11:00–11:30

The value of bronchoalveolar lavage in the diagnosis of interstitial lung disease
Izidor Kern, Slovenia

005 11:30–12:00

WHO 2023: update on lung cancer
Sabina Berezowska, Switzerland

| SY-21 | Symposium |
|--|-------------|
| 08:30–12:00 | Spadolini 7 |
| Trainees | |
| Colours, frames and pixels: what stories has pathology to narrate? | |
| Chairs: <i>Alexandra Vilaia, Romania</i> <i>Christos Poullos, Belgium</i> | |

001 08:30–08:55

Oh, muse help me tell the story of the multipotent slide
Christos Poullos, Belgium

002 08:55–09:30

Do you see a pattern here?
Arnaud De La Fouchardière, France

003 10:30–10:50

Reel vs. real: pathology as a storytelling element
Pui Yuen Lee, The Netherlands

004 10:50–11:10

Beauty and the beast: artistic representations of diseases through the eye of the pathologists
Maria Lambropoulou, Greece

005 11:10–11:30

Biohacking modern Art
Alexandra Vilaia, Romania

006 11:30–12:00

Do robots dream of electric sheep?
Balazs Acs, Sweden

| SY-22 | Symposium |
|---|-----------|
| 08:30–12:00 | Volta |
| Infectious Diseases Pathology | |
| A holistic perspective of the infectious disease risk for the practising pathologist | |
| Chairs: <i>Ana Mataic, Croatia</i> <i>Gregor Gorkiewicz, Austria</i> | |

001 08:30–09:00

Survey of infectious diseases risk for practicing pathologists – what we learned and what we can improve
Ana Mataic, Croatia

002 09:00–09:30

The possible infection transmission risks and their control for the practicing pathologist in the current era – a non-pathologist' ESGFOR view
Veroniek Saegeman, Belgium

003 10:30–11:00

Minimally invasive autopsy – a way to reduce a risk
Quique Bassat, Spain

004 11:00–11:20

Case 1
Sara Ajanovic Anđelic, Spain

005 11:20–11:40

Case 2
Igor Schliemann, Sweden

006 11:40–12:00

Case 3
Gregor Gorkiewicz, Austria

| SY-23 | Symposium |
|---|-----------|
| 08:30–12:00 | Scherma |
| Pathology in Favour of Developing Countries | |
| Ophthalmic Pathology | |
| An eye out for developing countries | |
| Chairs: <i>Giulia De Falco, United Kingdom</i> <i>Geeta Kashyap Vemuganti, India</i> | |

001 08:30–08:50

Retinoblastoma diagnosis and therapy in developing countries
Ido Didi Fabian, Israel

002 08:50–09:10

Squamous cell carcinoma of the conjunctiva and HPV in AIDS patients

Anne Ampaire Musika, Uganda

003 09:10–09:30

Sebaceous carcinoma in the Asian population

Geeta Kashyap Vemuganti, India

004 10:30–10:40

Giordano fellowship in ophthalmic pathology

Nuno Jorge Lamas, Portugal

005 10:40–10:50

ESP Advanced Training Centres (ESP-ATCs) for ophthalmic pathology

Robert M. Verdiijk, The Netherlands

006 10:50–11:10

Infectious diseases of the eye and ocular adnexa

007 11:10–11:30

Which techniques are commonly feasible to make the diagnosis in the low income setting?

Karima Mrad, Tunisia


008 11:30–12:00

Discussion/Q&A

Giulia De Falco, United Kingdom

GA-01 Special Session

12:00–13:30 Spadolini 4

ESP General Assembly 

BPS-09 Best Poster Session

13:15–13:45 E-Poster Terminal 1
Spadolini Upper Floor

Digestive Diseases Pathology – GI

Chair: Stefano La Rosa, Italy

BPS-10 Best Poster Session

13:15–13:45 E-Poster Terminal 2
Spadolini Upper Floor

Digital and Computational Pathology

Chair: Norman Zerbe, Germany

BPS-11 Best Poster Session

13:15–13:45 E-Poster Terminal 3
Spadolini Upper Floor

Head and Neck Pathology

Chair: Silvana Di Palma, United Kingdom

BPS-12 Best Poster Session

13:15–13:45 E-Poster Terminal 4
Spadolini Upper Floor

Molecular Pathology

Chair: Nicolas Piton, France

SC-24 Short Course

14:00–16:00 Cavaniglia

Digestive Diseases Pathology – GI

Immune disorders in the GI tract

Chairs: Rhonda Yantiss, USA

Shaun Walsh, United Kingdom

001 14:00–14:24

The role of immune cells in inflammatory bowel disease

Aart Mookhoek, Switzerland

002 14:24–14:48

Sexually transmitted diseases and HIV involving the GI tract

Erika Hissong, USA

003 14:48–15:12

IgG4 disease and the digestive system

Yoh Zen, United Kingdom

004 15:12–15:36

Congenital immune disorders and the GI tract

Paula Borralho-Nunes, Portugal

005 15:36–16:00

Transplantation and immunosuppression: GI tract effects

Adrian Bateman, United Kingdom

SS-11 Slide Seminar**14:00–16:00** Spadolini 2

Urothology

Premalignant lesions and putative precursor of GU tumoursChairs: **Gabriella Nesi, Italy****Kvetoslava Michalova, Czech Republic****001** 14:00–14:20

Case 1

Guido Martignoni, Italy**002** 14:20–14:40

Case 2

Antonio Lopez Beltran, Spain**003** 14:40–15:00

Case 3

Santosh Menon, India**004** 15:00–15:20

Case 4

Felix Bremmer, Germany**005** 15:20–15:40

Case 5

Alessia Cimadamore, Italy**006** 15:40–16:00

Discussion/Q&A

Gabriella Nesi, Italy**SC-25** Short Course**14:00–16:00** Spadolini 3

Thymic and Mediastinal Pathology

An update on thymic epithelial tumoursChairs: **Philipp Ströbel, Germany****Andre Moreira, USA****001** 14:00–14:14

The 9th TNM: opportunities and potential challenges in thymic epithelial tumours

Paraskevas Lyberis, Italy**002** 14:14–14:28

Thymoma-associated myasthenia: recent developments

Maria Isabel Da Silva Leite, United Kingdom**003** 14:28–14:42

Micronodular thymoma and micronodular thymic carcinoma: two distinct entities or a continuum of diseases?

Wadad Mneimneh, USA**004** 14:42–14:56

Recent developments in ancillary testing of prevascular mediastinal lesions

Philipp Ströbel, Germany**005** 14:56–15:10

Predictive molecular alterations in thymic epithelial tumours

Nicolas Girard, France**006** 15:10–15:24

AI in thymic epithelial tumours – presence and future

Jan von der Thüsen, The Netherlands**007** 15:24–16:00

General discussion

Philipp Ströbel, Germany**SPEC-08** Special Session**14:00–16:00** Spadolini 4**Joint Special Session ESP & National Societies: Is digital pathology going to save us?**Chairs: **Jean-Christophe Sabourin, France**
Eugenia Colon, Sweden**001** 14:00–14:10

What progress has been made in digitalization of pathology laboratories in Europe

Jean-Christophe Sabourin, France**002** 14:10–14:20

Current status on digitalization of pathology laboratories within Europe

Radu Pirlog, Romania**003** 14:20–14:40

5 years of digital pathology: feedback from the Unilabs laboratory in Stockholm

Eugenia Colon, Sweden**004** 14:40–14:50

How digital pathology is going to change pathology training for residents

Ursa Maierhofer, Norway**005** 14:50–15:00

How artificial intelligence is helping us: example of the application in prostate

Andrea Farkas, Sweden**006** 15:00–15:20

How AI will help us: detection by AI of the MSI status in colorectal cancers

Magali Svrcek, France

007 15:20–15:40

How AI will save us tomorrow: development of AI algorithms in pathology

Johan Hartman, Sweden

008 15:40–16:00

Discussion/Q&A

Jean-Christophe Sabourin, France

VM-02 Videomicroscopy

14:00–16:00 Spadolini 5

Pulmonary Pathology
Pathology in Favour of Developing Countries

Diagnosing lung pathology on conventional histology and cytological smears – how far can you get, and where are the limits?

*Chairs: Izidor Kern, Slovenia
Emilian Olteanu, Romania
Shahid Pervez, Pakistan*

001 14:00–14:24

Case 1

Igor Schliemann, Sweden

002 14:24–14:48

Case 2

Shahin Sayed, Kenya

003 14:48–15:12

Case 3

Henry Tazelaar, USA

004 15:12–15:36

Case 4

Marianne Engels, Germany

005 15:36–16:00

Case 5

Katharina Wassilew, United Kingdom

SS-12 Slide Seminar

14:00–16:00 Spadolini 6

Cytopathology
Salivary gland neoplasms: a practical approach in the framework of the Milan System including ancillary testing

*Chairs: Giancarlo Troncone, Italy
Danijela Vrdoljak-Mozetic, Croatia*

001 14:00–14:15

Case 1

Esther Diana Rossi, Italy

002 14:15–14:30

Case 2

Caterina de Luca, Italy

003 14:30–14:45

Case 3

Cornelia Amalinei, Romania

004 14:45–15:00

Case 4

Stefano Ceola, Italy

005 15:00–15:15

Case 5

Ivana Kholova, Finland

006 15:15–15:30

Case 6

Immacolata Cozzolino, Italy

007 15:30–15:45

Case 7

Meenakshi Rao, India

008 15:45–16:00

Case 8

Maria Sevastiadou, Greece

GA-02 Special Session

14:00–16:00 Spadolini 7

General Assembly of the Trainee Subcommittee



SY-24 Symposium

14:00–16:00 Volta

Infectious Diseases Pathology
Autopsy Pathology
History of Pathology
When should we determine the causative infectious agent in autopsies? A medical, legal and historical perspective

*Chairs: Cristina Basso, Italy
Rupert Langer, Austria*

001 14:00–14:20

Historical perspectives of infectious diseases in autopsies

Rosa Helena Henriques De Gouveia, Portugal

002 14:20–14:40

Method of sampling, reliability and interpretation of post mortem bacteriology examination: recommendations from the ESGFOR

Amparo Fernandez Rodriguez, Spain

003 14:40–15:00

Microbes in clinical and forensic postmortem analysis

Bela Kubat, The Netherlands

004 15:00–15:15

Interesting case of a patient primarily diagnosed with lymphoma to end up with more than one infectious pathogen leading to his demise

Mateuz Michalski, Poland

005 15:15–15:30

An unusual bronchial bleeding

Gregor Vlacic, Slovenia

006 15:30–15:45

Measles and co. – extinct or on the rise?

Rupert Langer, Austria

007 15:45–16:00

Molecular biological detection of parasites in pathology samples

Sven Poppert, Germany

SS-13

Slide Seminar

14:00–16:00

Scherma

Ophthalmic Pathology

The orbital biopsy: can you make the diagnosis?

*Chairs: Carme Dinarès I Fernández, Spain
Luis Alfaro, Spain*

001 14:00–14:15

Case 1

Jolique Van Ipenburg, The Netherlands

002 14:15–14:30

Case 2

Luis Alfaro, Spain

003 14:30–14:45

Case 3

Nuno Jorge Lamas, Portugal

004 14:45–15:00

Case 4

Luciane Dreher-Irion, United Kingdom

005 15:00–15:15

Case 5

Geeta Kashyap Vemuganti, India

006 15:15–15:30

Case 6

Robert M. Verdijk, The Netherlands

007 15:30–15:45

Case 7

Fiona Roberts, United Kingdom

008 15:45–16:00

Case 8

Carme Dinarès I Fernández, Spain

BPS-13

Best Poster Session

16:00–16:30

E-Poster Terminal 1

Spadolini Upper Floor

Soft Tissue and Bone Pathology

Chair: Michael Michal, Czech Republic

BPS-14

Best Poster Session

16:00–16:30

E-Poster Terminal 2

Spadolini Upper Floor

Pulmonary Pathology

Chair: Marius Illié, France

BPS-15

Best Poster Session

16:00–16:30

E-Poster Terminal 3

Spadolini Upper Floor

Urothology

Chair: Gabriella Nesi, Italy

BPS-16

Joint Best Poster Session

16:00–16:30

E-Poster Terminal 4

Spadolini Upper Floor

History of Pathology

Thymic and Mediastinal Pathology

Electron Microscopy

Chair: Jacek Gulczynski, Poland



KNL-04 Keynote Lecture

16:30–17:15 Cavaniglia

*Chairs: Aleš Ryška, Czech Republic
Maria Rosaria Raspollini, Italy*

Juan Rosai Lecture: Phenotype versus Genotype: What matters most?

Abbas Agaimy, Germany

CC-01

Special Session

17:15–18:00

Cavaniglia

Closing Ceremony

*Chairs: Peter Schirmacher, Germany
Gabriella Nesi, Italy*

ESP General Assembly

Wednesday, 11 September 2024

12:00 – 13:30 · Spadolini 4

Virtual
and
On-Site

▶ Computational Symposium (CP)

... is included in the registration fee for participants with a full congress registration.

There is no need to register additionally for the Symposium.

► Sunday, 8 September 2024

CP-01 Computational Symposium

08:30–12:00 Spadolini 2
The promise of computational pathology
Chairs: Darren Treanor, United Kingdom
Inti Zlobec, Switzerland

001 08:30–09:00
 Multimodal AI for pathology
Faisal Mahmood, USA

002 09:00–09:30
 Large-scale validation of AI-assisted mitosis counting in breast cancer
Leslie Tessier, The Netherlands

003 10:30–11:00
 AI for prediction of malignant transformation of oral dysplasia
Ali Khurram, United Kingdom

004 11:00–11:15
 Pros and cons of digital pathology in nephropathology based on the experience of 220 cases
Fadime Gül Salman, Turkey
S. M. Ünlü

005 11:15–11:30
 The re-stAI algorithm: development and validation of an artificial-intelligence based tool for slides synthetic restaining
Alessandro Gambella, Italy
N. Michielli, L. Salamone, A. Mogetta, L. Molinaro, M. Papotti, F. Molinari, M. Salvi

006 11:30–11:45
 From AI development to clinical implementation: prospective deep learning-assisted lymph node screening for colorectal cancer patients
Abdul Latif Khan, Saudi Arabia
S. Reinhard, A. Perren, B. Dislich, I. Zlobec

007 11:45–12:00
 ODYN: an artificial intelligence-based pipeline for the prediction of malignant transformation in oral epithelial dysplasia
Adam Shephard, United Kingdom
H. Mahmood, S. Raza, A. Khurram, N. Rajpoot

CP-02 Computational Symposium

14:45–16:45 Spadolini 2
Recent developments and validation
Chairs: Jeroen Van Der Laak, The Netherlands
Antonio Polonia, Portugal

001 14:45–15:15
 Vision-language models for pathology
Matthew G. Hanna, USA

002 15:15–15:45
 Validation of digital pathology
Bethany Williams, United Kingdom

003 15:45–16:00
 Molecular classification of endometrial cancer from H&E stained slide images using supervised deep learning: a proof of concept
Fabiana Inés Aguirre Neira, Spain
V. E. Rodriguez, Á. A. Legoburu, A. R. Llanos, R. Carrera Salas, O. Jiménez Bolancé, J. C. Ferreres Piñas, I. Costa Trachsel

004 16:00–16:15
 Deep learning-aided molecular subtyping of pulmonary large cell neuroendocrine carcinoma in small hematoxylin and eosin-stained tissues
Teodora-Elena Trandafir, The Netherlands
F. Heijboer, F. Akram, J. Derks, Y. Li, E.-J. Speel, A. Stubbs, A.-M. Dingemans, J. von der Thüsen

005 16:15–16:30
 Anti-tumour activity of eosinophils and intraepithelial lymphocytes in colorectal cancer: a two-pronged approach
Elias Baumann, Switzerland
P. Krebs, A. Perren, R. Kirsch, M. D. Berger, I. D. Nagtegaal, I. Zlobec

006 16:30–16:45
 Deep learning predicts the effect of neo-adjuvant chemotherapy for patients with triple negative breast cancer
Bart Sturm, The Netherlands
P. Lock, D. Kumar, J. Westerga, W. Blokk, J. van der Laak

CP-03 Computational Symposium**17:15–19:15 Spadolini 2****Next frontiers of computational pathology***Chair: Nasir Rajpoot, United Kingdom***001** 17:15–17:45

Biases, confounders and causality for deep learning in computational pathology

*Fayyaz ul Amir Afsar Minhas, United Kingdom***002** 17:45–18:00

Update on the AI taskforce

*Bethany Williams, United Kingdom***003** 18:00–18:15

Update from the DCP Working Group

*Inti Zlobec, Switzerland***004** 18:15–19:15

Panel Discussion: "AI for pathology: hopes and fears"

*Nasir Rajpoot, United Kingdom***i**

Poster Exhibition

Sunday, 8 Sept – Wednesday, 11 Sept
at Spadolini Pavilion (Upper Floor)

Poster sessions offer an effective forum for the exchange of information and a means to communicate ideas, research and programmes.

Virtual
and
On-Site

▶ Symposium on Molecular Pathology Diagnostics and Translational Research (MD)

... is included in the registration fee for participants with a full congress registration.

There is no need to register additionally for the Symposium.

► Monday, 9 September 2024

MD-01 MD Symposium
08:30–09:30 Spadolini 5
European Master Molecular Pathology (EMMP) – Project presentations
Chairs: Sabine Merkelbach-Bruse, Germany
Carina Heydt, Germany

001 08:30–08:40

Introduction

Marius Ilić, France

002 08:40–08:50

Input of the molecular pathology in the diagnosis and clinical management of lymphoma patients

Radu Pirlog, Romania

003 08:50–09:00

Bridging molecular pathology theory to clinical mastery: a beginner's guide through the pathologist's lens

Ursa Maierhofer, Norway

004 09:00–09:10

Molecular analysis of undifferentiated small cell brain tumours in young adults and colonic adenocarcinoma associating TILs

Robert Alexandru Barna, Romania

005 09:10–09:20

Our experience with the EMMP internship at the Institute of pathology and neuro-pathology in Tübingen

Martina Bosic, Serbia

006 09:20–09:30

Artificial intelligence (AI) in pathology daily routine: verification of AI performance & understanding of the human-machine interaction

Antonia Syrnioti, Greece

MD-02 MD Symposium
10:30–12:00 Spadolini 5
Data evaluation and variant interpretation
Chairs: Johan Botling, Sweden
Carina Heydt, Germany

001 10:30–10:48

Cancer genome interpreter: identifying the drivers of cancer to improve genomic interpretation

Santiago Demajo, Spain

002 10:48–11:06

Standards for the classification of pathogenicity of somatic variants in cancer (oncogenicity): Joint recommendations of Clinical Genome Resource (ClinGen), Cancer Genomics Consortium (CGC), and Variant Interpretation for Cancer Consortium (VICC)

Peter Horak, Germany

003 11:06–11:24

A new set of in silico tools to support the interpretation of ATM missense variants using graphical analysis

Luz-Marina Porras, USA

004 11:24–11:42

Leveraging large language models for decision support in personalised oncology

Manuela Benary, Germany

005 11:42–12:00

A systematic analysis of deep learning in genomics and histopathology for precision oncology

Jakob Kather, Germany

MD-03 MD Symposium

14:45–16:45 **Spadolini 5**
Advances in new technologies
Chairs: Erik Jan Dubbink, The Netherlands
Udo Siebolt, Germany

001 14:45–15:05
 Possibilities and challenges of multi-marker
 EQA schemes for NGS/CGP: outcomes of
 the first pilot EQA
Katharina Ilm, Germany

002 15:05–15:25
 WGS tumour diagnostics in routine
 pathology practice
Michaël Noë, The Netherlands

003 15:25–15:45
 Ultra-fast deep-learned CNS tumour
 classification during surgery
Carlo Vermeulen, The Netherlands

004 15:45–16:05
 Rapid-CNS2: rapid comprehensive adaptive
 nanopore-sequencing of CNS tumours, a
 proof-of-concept study
Felix Sahn, Germany

005 16:05–16:25
 Sensitive methods to detect ctDNA and
 MRD in patients with solid tumours
Amit Roshan, United Kingdom

006 16:25–16:45
 Monitoring disease burden and treatment
 response in solid tumours by ultrasensitive
 sequencing in liquid biopsies
Anders Ståhlberg, Sweden

MD-04 MD Symposium

17:15–19:15 **Spadolini 5**
Update on gynaecological tumours
Chairs: Caterina Marchiò, Italy
Matthias Matter, Switzerland

001 17:15–17:35
 A new era in breast cancer molecular
 profiling: liquid biopsies for ESR1
 mutation detection and beyond
Lorenzo Gerratana, Italy

002 17:35–17:55
 Testing for ESR1 mutations from liquid
 biopsy
Sabine Merkelbach-Bruse, Germany

003 17:55–18:15
 The ADC revolution in breast cancer:
 clinical aspects and possible impacts for
 pathologists
Carmen Criscitiello, Italy

004 18:15–18:35
 Chromosomal instability as a biomarker
 for prognosis and therapy response
Geoff Macintyre, Spain

005 18:35–18:55
 Shallow whole genome sequencing for
 HRD detection
Marc-Henri Stern, France

006 18:55–19:15
 Real life molecular diagnostics in gynaecological
 tumours
Caterina Marchiò, Italy

► Poster Sessions

PS-01 – PS-07
Sunday, 8 September 2024

PS-08 – PS-16
Monday, 9 September 2024

PS-17 – PS-21
Tuesday, 10 September 2024

PS-22 – PS-27
Wednesday, 11 September 2024

All poster presenters were invited to upload their posters as E-Posters. All uploaded E-Posters can be searched for and viewed electronically on the E-Poster Terminals from Sunday, 8 to Wednesday, 11 September 2024.

▶ Sunday, 8 September 2024

PS-01 **Poster Session**

09:30–10:30 **Poster Exhibition**

Poster Session Autopsy Pathology

Chair: **Emilian Olteanu, Romania**

001

Anatomical spectrum of VACTERLS association: a multi-case pathological analysis

Maria Augusta Abad Vintimilla, Spain
S. Quinones, P. Voinescu, R. Regojo

002

Attitude towards autopsy in Oman

Sara Al Harthi, Oman
J. Al Habsi

003

Exploring tumour evolution in advanced colorectal cancer: comprehensive genomic profiling integrating tissue and liquid biopsy insights in a research autopsy case

Sebastian Dintner, Germany
L. Siebenhüter, R. Ihringer, E. Sipos, S. Eser, A. Probst, T. Kröncke, B. Märkl

004

Spleen inflammatory response to lethal respiratory viral infection - a comparison between AH1N1 and COVID-19

Georgiana Amelia Dumbrava, Romania
S. Zurac, A. Vilaia, C. Dumitru, C. Popp

005

Skeletal dysplasia: ultrasound, macroscopic, radiological, and genetic findings

Katherine Goncalves Villarreal, Spain
E. Oliva Domínguez, I. Garcia Miranda, I. Orbegozo Arizabalaga, M. Ramírez Feliz, J. Iparraguirre Santiago, A. del Campo Real, I. Llano Rivas, L. Zaldumbide Dueñas, L. Mosteiro Gonzalez

006

Causes of death among patients who died within 24 hours of hospital admission: an autopsy study

Miloš Đuknić, Serbia
R. Jankovic, M. Jovanović, J. Jevtić, D. Gujaničić, S. Glumac

007

Non-traumatic haemorrhages in the brain and its membranes in infants

Bokhodir Magrupov, Uzbekistan
V. Kochetov

008

Autopsies performed in the period 2020-2022 in a secondary care hospital: impact of the pandemic over clinical-pathological discordances

Yaiza Rey Fanjul, Spain
A. Licetti Bermúdez, E. Mateo Álvarez, C. Grau Polo, D. Rodríguez Villar, P. Gonzalvo Rodríguez, J. Cuevas Fernández, E. Asensi Miranda, R. Rodríguez Aguilar

009

Postmortem ultrasound cerebellar measurements in the evaluation of gestational age. Innovative use of postmortem ultrasound cerebellar measurements for estimating gestational age in perinatal deaths: an observational cross-sectional study

Leonardo Antonio Rojo Muchacho, Spain
N. Peñuelas, L. Marimon, N. Carreras, G. Arca, J. Ordi, N. Rakislova

010

Clinical and morphological aspects of SARS-CoV-2 induced endotheliopathy in "gas" and haemorrhagic complications

Vsevolod Zinserling, Russia
N. Semenova, D. Gusev, K. Medvedev, N. Kokhanenko, K. Borta

PS-02 **Poster Session**

09:30–10:30 **Poster Exhibition**

Poster Session Breast Pathology

Chairs: **Anikó Kovács, Sweden**
Alicia Córdoba, Spain

001

Multidisciplinary approach in stratifying risk of upgrade and tailoring management in ADH patients

Constance Albarracín, USA
I. Bedrosian, H. Chen, Y. Wu

002

Her2-low breast cancer: prevalence rate and scoring concordance among pathologists

Ghadah Al-Jussani, United Kingdom
A. Salem, Y. Mullahuwash, F. Alsamarat, D. Abuquteish, M. A. Sughayer

003

PD-L1 expression and presence of ICs in HER2-positive breast carcinoma before and after neoadjuvant treatment

Milica Bogosavljevic, Serbia
T. Ivkovic Kapic, T. Vasiljevic, N. Stanulovic

004

Tumour-stroma ratio in breast carcinoma is an easily applicable feature and it is associated with prognosis

Asya Tuğçe Bol, Turkey
J. Noury Rad Davaji, B. Dursun, S. Dizbay Sak

005

Understanding metastatic breast cancer: a 10-year retrospective study

Robert Alexandru Barna, Romania
A. Chelu, B. Nataras, M. Iacob, D. Anderco, C. Suci, C. Lazureanu, A. Muresan, M. Cornianu, S. Taban, A. Dema

006

The significance of the androgen receptor in triple-negative breast cancer: to be or not to be

Mariana Bianca Chifu, Romania
I. Caruntu, S. Giuşcă, B. Gafton, C. Terinte, A. Timofte, C. Amalinei, I. Prutianu

010

Amplicon 8p11.2-p12-based prediction of survival in breast cancer patients – is FGFR1 the driver gene?

Ramona Erber, Germany
M. Carta, P. Fasching, M. Press, M. Beckmann, C. Hack, A. Hartmann, F. Ferrazzi, P. Gass, M. Rübner

011

Changes in breast cancer grade from biopsy to excision following surgery or primary chemotherapy

Adam Ferenczi, Hungary
G. Cserni

012

Impact of COVID-19 restrictions in breast cancer staging and prognosis at diagnosis

Leticia Gallego, Ireland
N. Shah

013

Assessment of RNA quality following extraction from FFPE using various protocols compatible with the APIS breast cancer subtyping kit

Anna Gasior, United Kingdom
J. Gorniak, K. Howard, M. Harrison, L. Gough, S. Rollinson, Z. Pounce, A. Wegscheider, A. Niendorf

014

Assessment of the dynamic range and quantitative potential of ER, PR, HER2 and Ki67 gene expression by RT-qPCR

Anna Gasior, United Kingdom
J. Gorniak, K. Howard, M. Harrison, L. Gough, S. Rollinson, Z. Pounce, A. Wegscheider, A. Niendorf

015

Measuring ESR1 mutations in liquid biopsy and FFPE breast tissue using qPCR

Anna Gasior, United Kingdom
J. Gorniak, R. Nana, A. Read, L. Astley, K. Howard, C. Hoy, C. Whitfield

016

DDR2 expression in breast cancer is associated with blood vessel invasion, basal-like tumours, tumour associated macrophages, regulatory T cells, detection mode and prognosis

Tor Audun Klingen, Norway
Y. Chen, H. Aas, L. Akslen

017

Ring trial of evaluation of HER2 in breast cancer in Greece with emphasis on HER2-low status

Eleni (Helen) Kourea, Greece
S. Logotheti, O. Tzaida, T. Koletsa, P. Xirou, E. Eleftheriadis, V. Nikolopoulos, A. Nonni

018

A threefold evaluation of HER2low status of advanced breast carcinomas in core biopsies, matching surgical specimens and their distant metastases. A retrospective study of 47 patients using conventional microscopy, digital pathology and AI

Anikó Kovács, Sweden

L. Klint, S. Janeva, K. Helou, P. Karlsson, R. Pedrosa, D. Kumar, T. Parris

019

Assessment of human epididymis protein 4 expression in ductal carcinoma in situ of the breast

Ji Shin Lee, Republic of Korea

N. Kim, M. Park

020

Lymph node micrometastases and ITCs accurate detection after neoadjuvant therapy of breast cancer based on deep learning artificial intelligence

Yueping Liu, China

Y. Ding, J. Yu, J. Shang, J. Li, S. Wu, X. Liu, J. Li

021

Comparative analysis of hormone receptor and Ki76 expression changes in luminal breast carcinoma following perioperative hormonal treatment

Lucía Martínez Gauffin, Spain

Y. Montoyo Pujol, S. Delgado García, H. Ballester, T. Martin Bayona, J. Ponce Lorenzo, V. Menor Vila, S. Shalygina, L. Gracia Sáenz, E. Castellón Mollà, G. Peiró Cabrera

022

HHLA2 and TMIGD2 gene expression in breast carcinoma: correlation with clinicopathological factors and prognostic value

Yoel Genaro Montoyo Pujol, Spain

A. Llopis-Gómez, D. Manresa-Corbalán, A. Garzón-Arana, T. Martin Bayona, S. Delgado García, H. Ballester, J. Ponce Lorenzo, E. Castellón Mollà, G. Peiró Cabrera

023

A higher CD4/CD8 ratio in stromal tumour-infiltrating lymphocytes (TILs) of locally advanced breast cancer is associated with triple-negative biology and a higher-risk ER+HER2- disease

Martina Murkovic, Croatia

A. Car Peterko, A. Savić Vuković, K. Rajković-Molek, E. Babarović, M. Avirović

024

Post-neoadjuvant changes in immunohistochemical biomarkers in breast cancer

Victoria Silvia Recalde, Argentina

M. Saez Perrotta, M. Iriarte, C. Allemand, P. De la Iglesia Niveyro, A. Wernicke

025

FOXC1 immunohistochemistry accurately predicts basal/non-basal molecular subtype status and differential efficacy of adjuvant capecitabine in early triple-negative breast cancer: results from the GEICAM/2003-11_CIBOMA/2004-01 trial

Federico Rojo, Spain

C. Taylor, C. Barrios, L. Torrecillas, S. Perez-Buira, M. Ruiz-Borrego, J. Bines, J. GM Segalla, A. Guerrero-Zotano, J. Herranz, R. Rincon, R. Caballero, B. Bermejo, P. S Ray, M. Martin

026

Training and evaluation of an AI-assisted HER2 scoring in breast carcinoma-stained whole-slide images

Yahia Salhi, France

B. Cormier, C. Bossard, F. Thomas, B. Poulet, E. Guinaudeau, L. Lambros, C. Ilham, F. Jossic, I. de Pinieux, S. Thanguturi, S. Salhi, J. Chetritt

027

Artificial intelligence predicts survival outcome of breast carcinomas on whole-slide histopathology images

Yahia Salhi, France

J. Rynkiewicz, J. Paul, C. Bossard, S. Salhi, J. Chetritt

028

Comparison of lower limit of detection of HER2 epitope with two commercially available HER2 IHC assays using an Immunohistochemistry staining calibrator tool

Ghislain Noumsi, USA

F. Aidt, K. Salomon, K. Hjort, D. Varma, G. Noumsi

029

Evaluation of diagnostic performance and clinical utility of cleo breast in breast pathology diagnosis

Marie Sockeel, France

B. Pommier, S. Sockeel, R. Peyret, C. Simmat, N. Pozin, S. Prevot, A. Maran-Gonzalez, G. Mac Grogan, A. Vincent-Salomon

030

Comprehensive characterization of invasive mammary carcinoma with lobular features: integrating morphology and E-cadherin immunochemistry pattern

You-Na Sung, Republic of Korea

T. Jeon, W. Oh, J. Oh, J. Ahn, A. Kim

031

TRPS1 in breast cancer: a comparative study of five different IHC assays

Birgit Truumees, Denmark

M. Korsdal Stensballe, R. Røge, S. Nielsen

032

Multicentre study on distribution of HER2 scores using HercepTest™ mAb pharmDx (Dako Omnis)

Deepam Varma, Denmark

K. Knudsen

033

Hormone receptor-positive early-stage breast carcinomas are enriched in HER2-low phenotype and low levels of tumour-infiltrating lymphocytes

Semir Vranic, Qatar

F. Skenderi, I. Rose, Z. Gatalica

034

Risk of upgrade of ADH detected by core needle biopsy of the breast

Yun Wu, USA

C. Albarracin, H. Le-Petross, N. Sneige, I. Bedrosian

PS-03

Poster Session

09:30–10:30

Poster Exhibition

Poster Session Dermatopathology

Chair: Eleni Ieremia, United Kingdom

001

Predictive factors of lymph node involvement in cutaneous squamous cell carcinoma

Wiem Ben Makhlof, Tunisia

N. Boujelbene, I. Zemni, A. Khemir, R. Aissa, I. Abbes, G. Sahraoui, R. Doghri, L. Charfi, K. Mrad

002

Acral melanoma: a Singapore story

Inny Busmanis, Singapore

003

Clinicopathological evaluation of granuloma annulare: study of a tertiary centre

Emine Cesmecioglu Karavin, Turkey

İ. Hotmanoğlu Şahin, M. Oğraş, A. Yücelten, L. Cinel

004

Cutaneous involvement in multiple myeloma: clinicopathologic findings in a series of 16 cases

Andreina Stefania De Oliveira Gomes, Spain

A. Pasco Peña, L. Ruiz Estigarribia, M. García Martos, Á. Panizo Santos

005

PRAME (Preferentially Expressed Antigen In Melanoma) immune expression In malign, borderline and benign melanocytic lesions

Erhan Ekren, Turkey

F. Aker

006

Sebaceous carcinoma of the skin: gap maps of research evidence cited in the WHO Classification of Tumours 5th edition and of available relevant published evidence: an exploratory comparative study

Gabrielle Goldman, France

N. Myles, C. Giesen, R. Cierco Jimenez, A. Machado, R. Colling, F. Campbell, T. Lee, I. Cree, D. Lokuhetty, W. EVI MAP group

PS-03
PS-04

Sunday 8 Sept

007

Merkel cell carcinoma of the skin: an exploratory comparative study of gap maps of research evidence cited in the WHO Classification of Tumours 5th edition, and of available relevant published evidence
Gabrielle Goldman, France
N. Myles, C. Giesen, R. Cierco Jimenez, A. Machado, R. Colling, F. Campbell, T. Lee, I. Cree, D. Lokuhetty, W. EVI MAP group

009

Cutaneous adverse drug reactions
Djurdjina Petrović, Serbia
I. Petrovic, K. Kundovic, J. Stojković Filipović, E. Manojlović Gačić, M. Bosić, D. Škiljević, N. Delić, M. Mijuskovic, B. Lekić, S. Minić, M. Gajic Veljic, V. Reljić, D. Zivanovic, J. Perić

010

Annular lichenoid dermatitis of youth: a series of seven cases
Damlanur Sakiz, Turkey
G. Öztürk, Z. Topkarcı

011

Is it always lupus? A clinicopathological correlation
Eva Paola Sánchez López, Spain
M. Abad, G. Escuer-Albero, S. Quinones, E. Ruiz-Bravo, M. Beato

012

Acral lentiginous melanoma: a clinicopathologic and genetic study of BRAF status among Tunisian patients
Yacoub Sarra, Tunisia
H. El Mabrouk, A. Ben Abdalkader, N. Ghariani, I. Bahri, W. Mokni, T. Tlili, B. Sriha, M. Denguezli, D. Hmida

013

Real-life experience with Next Generation Sequencing (NGS) in cutaneous melanocytic lesions
Victoria Colinet, Belgium
V. Siozopoulou, A. Pouliakis, L. Marot, A. Dekairelle, A. De Roo, E. Harkemanne, L. Secco

014

Microscopic width of invasion is an independent prognostic factor in cutaneous melanomas
Dana Tapoi, Romania
A. Ciongariu, A. Dumitru, M. Costache

015

Evaluation of histopathological findings of hidradenitis suppurativa lesions and their relationship with the disease course: one centre study
Melike Urganci, Turkey
Y. Edek, S. Şahin, B. Öğüt, Ö. Erdem, E. Adışen

| | |
|--|--------------------------|
| PS-04 | Poster Session |
| 09:30–10:30 | Poster Exhibition |
| Poster Session Digestive Diseases Pathology – Liver/Pancreas | |
| Chairs: Christine Sempoux, Switzerland Venancio Alves, Brazil | |

001

Standardization of terminology, definition, pathologic evaluation and reporting of ampullary cancers: recommendations of “PeriPan” multidisciplinary international group
Volkan Adsay, Turkey
B. Uijterwijk, C. Verbeke

002

Hepatic small vessels neoplasms: a heterogeneous morphological entity
Aurélie Beaufrère, France
A. Laurent-Bellue, A. Lemoine, A. Bourillon, V. Vilgrain, M. Lewin, C. Guettier, V. Paradis

003

Dysregulated TGF/BMP signalling and tumour budding in pancreatic ductal adenocarcinoma
Konstantin Bräutigam, United Kingdom
P. Zens, J. Rohrbach, S. April-Monn, J. Galván, A. Wenning, B. Gloor, V. Koelzer, M. Wartenberg

004

The application of standardized sampling protocols enhances assessment of clinicopathological features in pancreatoduodenectomy specimens
Mariana Simplício Brito, Portugal
S. Silva, E. Campos, J. Lopes, M. de Almeida, H. Cristino, L. Graça, F. Carneiro, V. Adsay, I. Gullo

005

Analysis of tissue PSMA expression in hepatocellular carcinoma – compared to prostate adenocarcinoma – and correlation with PET with 68Ga-PSMA uptake

Michele Carroli, Italy

F. Giunchi, L. Vetrone, L. Cardisciani, M. Renzulli, A. D'Errico, A. Farolfi, F. Vasuri

006

Histological grading of the extent of residual tumour following neoadjuvant therapy in intrahepatic cholangiocarcinoma

Xiu Fen Chen, Singapore

G. Wu, R. Luo, Y. Koh, T. Lim, J. Zhou, J. Fan, K. Zhu, Q. Gao, R. Shi

008

Utility of metallothionein 1 (MT-1) as a histological biomarker of Wilson's disease

Carla Fuster Anglada, Spain

G. Caballero, C. Garcia-Solà, A. Soria, O. Bassegoda, A. Pocurull, X. Fornis, I. Graupera, Z. Mariño, A. Díaz

009

Next-generation pathology insights on cholangioblastic cholangiocarcinoma cell of origin

Alessandro Gambella, Italy

L. Lesniak, A. Lesniak, M. El-Hag, J. Carpenter, A. Demetris

010

MTAP deficiency is highly homogenous in pancreatic cancer: a heterogeneity tissue microarray study

Natalia Gorbokon, Germany

K. Teljuk, N. Schraps, K. Möller, S. Büyücek, M. Lennartz, F. Viehweger, S. Steurer, R. Simon, G. Sauter, F. Lutz, T. Clauditz, M. Kluth

011

Differential expression of EpCAM in the spectrum of cholangiocarcinoma: correlation with pathological parameters, peritumoural immune cells and overall survival

Ioanna Maria Grypari, Greece

B. Goeppert, P. Schirmacher, S. Roessler

012

Clinicopathological characteristics of pancreatic polypeptide-producing neuroendocrine tumour

Kenichi Hirabayashi, Japan

T. Minamisaka, Y. Fukumura, Y. Naito, Y. Okubo, B. Miichi, T. Tajiri, N. Nakamura

013

Risk factors of lymph node metastasis and prognosis in 977 Chinese patients with submucosal early gastric carcinoma, emphasizing differences between gastric cardiac and non-cardiac origins

Qin Huang, USA

Y. Cheng, M. Du, Y. Wang, T. Li, C. He, X. Zhou, M. Lin

014

Single-cell atlas of pancreatic cancer reveals tumour heterogeneity and microenvironmental interactions

Mi Jang, Republic of Korea

E. Kim, J. Lee

015

Comprehensive immunohistochemical profiling of combined hepatocellular carcinoma and cholangiocarcinoma reveals distinct Notch signalling subgroups with prognostic significance

Seokhwi Kim, Republic of Korea

C. Yang, Y. Kim

016

The usefulness of liver biopsy in immune checkpoint inhibitor-induced liver injury diagnosis and management

Mina Komuta, Japan

R. Izai, S. Ogasawara, M. Sawada, S. Yumita, M. Nakagawa, R. Kojima, K. Koroki, H. Kanzaki, M. Inoue, M. Nakamura, N. Kanogawa, T. Kondo, S. Nakamoto, N. Kato

017

Different cancer-associated stroma in biliary tract tumour compared to pancreas cancer

Kyoungbun Lee, Republic of Korea

B. Yu

018

Homozygous V444A c.521T>C polymorphism of the ABCB11 gene implies architectural changes and bile duct loss in patients with adult-onset cryptogenic cholestasis

Deborah Malvi, Italy

E. Albertini, G. Vitale, A. Conti, S. Ferrari, M. Morelli, A. D'Errico, F. Vasuri

019

Single cell-level dissection of the tumour microenvironment of hepatocellular carcinoma

Salvatore Piscuoglio, Italy

A. Benjak, M. Coto-Llerena, O. Kollmar, D. Schnidrig, B. Durante, L. Di Tommaso, L. Terracciano, C. Ng

020

Hepatocellular carcinoma immune microenvironment analysis: a comprehensive assessment with computational and classical pathology

Salvatore Piscuoglio, Italy

C. Ercan, S. Renne, L. Di Tommaso, C. Ng, L. Terracciano

021

Spatial proteomic profiling of intraductal papillary mucinous neoplasms and associated carcinoma

Charlotte Rift, Denmark

R. Daucke, N. Bager, V. Petrosius, B. Kovacevic, S. Engelhardt, A. Toxværd, P. Vilmann, J. Hasselby, C. Hansen, E. Schoof, P. Klausen

022

Histologic predictors of response to atezolizumab and bevacizumab in hepatocellular carcinoma biopsies

Alexandre Sayadi, France

M. Bouattour, M. Dioguardi Burgio, M. Albuquerque, V. Paradis, A. Beaufrère

023

Proposal of a histologic grading system for hepatoblastoma to predict patients' prognosis

In Hye Song, Republic of Korea

S. Gang, B. Ahn, J. Namgoong, J. Kim

024

"The Third Pathway" to whipple grossing: duct-centric (sagittal) sectioning of the pancreas allows finer appreciation of origin and spatial distribution of tumours and anatomic variations

Nuray Tezcan, Turkey

D. Cengiz, R. Esmer, B. Aktas, A. Armutlu, B. Saka, O. Taskin, H. Kayim, E. Bozkurt, G. Tellioglu, O. Bilge, E. Alper, O. Basturk, B. Gurses, V. Adsay

025

Innovative integrated morpho-molecular approach (next-generation sequencing plus digital PCR) greatly enhances the diagnostic accuracy in malignant biliary strictures

Francesco Vasuri, Italy

E. Albertini, L. Miranda, T. Maloberti, S. Chillotti, D. Malvi, D. de Biase, A. D'Errico

026

Diagnosis of patients with fibrolamellar carcinoma: a Dutch nationwide study

Joanne Verheij, The Netherlands

A. Furumaya, A. Gumedde, J. de Vos-Geelen, J. Erdmann, B. Takkenberg, M. Doukas, V. Weeda

027

RNF43-mutations are associated with stronger antitumour immune responses and improved outcomes in pancreatic cancer

Eva Karamitopoulou-Diamantis, Switzerland

A. Wenning, P. Aeschbacher, B. Gloor, A. Perren

028

Clinicopathological and molecular characteristics of malignant hepatic angiomyolipoma

Youngeun Yoo, Republic of Korea

H. Kang, I. Song

PS-05 **Poster Session**
09:30–10:30 **Poster Exhibition**
Poster Session Endocrine Pathology
Chair: Marina Nikiforova, USA

001

Hyalinizing trabecular tumour of the thyroid: interest of GLIS3 immunohistochemical study to detect PAX8::GLIS3 rearrangement

Ziyad Alsugair, France

F. Descotes, J. Lopez, M. Decaussin-Petrucci

002

Tall cell papillary carcinoma as the most common histological subtype of the radioiodine refractory thyroid cancer

Mohamed Amine Bani, France

F. Pani, C. López Jiménez, L. Lamartina, J. Hadoux, D. Hartl, S. Moog, E. Baudin, A. Al Ghuzlan

003

PD-L1 expression and BRAF-TERTp signature in a continental cohort of anaplastic thyroid carcinoma

Andrey Bychkov, Japan

P. Gaddam, C. Jung, M. Hirokawa, T. Higashiyama, J. Hang, W. Lai, S. Keelawat, Z. Liu, H. Na, S. Satoh, Z. Mussazhanova, M. Nakashima, K. Kakudo, S. Agarwal

004

Ki67 proliferation index (PI) is not able to further stratify digestive grade 2 neuroendocrine tumours (NET G2)

Margherita D'arezzo, Italy

S. Fraticelli, A. Laffi, A. Bertuzzi, A. Lania, P. Spaggiari, S. Uccella

005

Subcentimetric papillary thyroid carcinomas: unraveling the role of location within the thyroid gland

Szasz Eموke Andrea, Romania

R. Catana, A. Nechifor-Boila, A. Borda

007

Can clinicopathological features predict poor prognosis in papillary thyroid carcinoma? Rethinking the importance of size.

Elsa Joy, India

T. Somanathan, A. Mathews, S. A, N. Abraham George, A. Mathew

008

Association of Pan-TRK immunohistochemistry expression with NTRK and other gene fusions in thyroid cancer

Chan Kwon Jung, Republic of Korea

J. Park, S. Jung, S. Kim, S. Jeon, Y. Chung

009

Immunohistochemical expression of ER, PR and AR in papillary thyroid carcinoma

Milka Kochoska, North Macedonia

T. Angelovska, V. Risteski, M. Bogdanovska-Todorovska, R. Jovanovic, S. Kostadinova-Kunovska

010

Subcentimeter papillary thyroid carcinoma: high-risk features and patient age

Bozidar Kovacevic, Serbia

B. Jovanović, D. Mikic, J. Karajovic, S. Cerović

011

International medullary thyroid cancer grading system: have you integrated it into your daily practice yet?

Lutfiye Dilsad Micoogullari, Turkey

D. Etit, A. Subasioglu, M. Hacıyanli, B. Pamuk

012

Desmoplasia: is it an usual accompanier of medullary thyroid carcinoma or a significant prognostic parameter?

Lutfiye Dilsad Micoogullari, Turkey

D. Etit, A. Subasioglu, M. Hacıyanli, B. Pamuk

013

Prognostic significance of Lin28A protein expression in papillary thyroid carcinoma

Damla Oflas, Turkey

E. Tekin, B. Badak, N. Kebapci, A. Akalin, M. Bilgin, E. Dündar

014

Clinicopathological features of high-grade follicular cell-derived non-anaplastic thyroid carcinomas: a single centre experience

Saverio Pancetti, Italy

A. Salvatore, M. Cieri, G. Mercante, A. Lania, S. Uccella

PS-05

015
Rapid evaluation of endocrine gland tissue by nonlinear microscopy

Xiaorong Sun, China
T. Weber, B. White, T. St Jacques, J. Fujimoto, S. Rosen

PS-06

016
Neuroendocrine tumours of the lung: reconsideration of histopathological guidelines and classification
Ioannis Vamvakaris, Greece
G. Evangelou, G. Lolas, M. Anagnostopoyloy, T. Papastergiou, G. Liadakis, L. Jensen, K. Syrigos

PS-07

017
Immunohistochemical evaluation of somatostatin receptor 2 (SSTR-2) expression in benign and malignant tumours of the thyroid gland
Kelly Vargas Osorio, Spain
E. Pérez-Béliz, A. Jiménez-Pérez, E. Díaz-López, U. Anido-Herranz, J. Cabezas-Agrícola, I. Abdulkader Nallib, V. Púbul-Nuñez, J. Cameselle-Teijeiro

Sunday, 8 Sept

PS-06 **Poster Session**
09:30–10:30 **Poster Exhibition**
Poster Session History of Pathology
Chair: **Jacek Gulczynski, Poland**

001
A series of aorta aneurysms in a historical pathology museum
Rosa Helena Henriques De Gouveia, Portugal
T. Ferreira, G. Nogueira Fontinha, V. Sousa, L. Carvalho

002
The contribution of palaeopathology in modern medicine through an interesting ancient case of a possible exogenous ochronosis
Despina Moissidou, Malta
E. Labajo, M. Sanchez, S. Havaki, P. Selemenakis, G. Kamel, B. Perea Perez

003
Museum of Anatomic Pathology - bringing the past into the future
Guilherme Nogueira Fontinha, Portugal
J. Pimentel, V. Almeida, L. Veloso, N. Sousa, J. Rocha, L. Bastião, L. Carvalho, V. Sousa

004
Soft tissue and bone tumours of the limbs – Museum of Anatomical Pathology
Guilherme Nogueira Fontinha, Portugal
R. Henriques De Gouveia, J. Pimentel, V. Almeida, M. Viseu, M. Reis Silva, A. Alarcao, M. Santos, T. Ferreira, V. Sousa, L. Carvalho

PS-07 **Poster Session**
09:30–10:30 **Poster Exhibition**
Poster Session Nephropathology
Chair: **Petar Senjug, Croatia**

001
C5b9 and other complement proteins are enriched in the glomerular amyloid deposits of patients with monoclonal amyloidosis: a study based on immunohistochemistry, immunofluorescence and mass spectrometry
Gakiopoulou Harikleia, Greece
J. Courraud, K. Palamaris, I. Theochari, A. Stofas, N. Alevizopoulos, E. Theodoropoulou, E. Psimenou, E. Kastritis

002
Glomerular CD68+ cells in transplant kidneys correlate with glomerulitis and predict poorer renal functions
Peir-In Liang, Taiwan
H. Chuang, T. Chen

003
The epigenetic enzyme DOT1L histone methyltransferase links oxidative stress, inflammation and fibrosis in diabetic kidney
Simona-Adriana Manea, Romania
M. Vlad, A. Lazar, A. Manea

004
Exploring the histological diversity of renal lesions in connective tissue disorders beyond lupus: a comprehensive analysis
Gowda Vinay Nagaraj, India
A. Nalwa, D. Gupta, A. Saxena, V. Vishwajeet, V. Verma, M. Chaturvedy, R. Jhorawat

005
A novel method for enhanced evaluation of lupus nephritis: utilizing Banff 2018 classification criteria
Maja Zivotic, Serbia
G. Nikolic, M. Pecic, A. Mijoljevic, D. Milivojevic, V. Brković, M. Baralić, M. Radović, S. Radojevic Skodric

▶ Monday, 9 September 2024

PS-08 Poster Session

09:30–10:30 Poster Exhibition
Poster Session Cardiovascular Pathology
 Chair: *Carla Giordano, Italy*

001

Myocardial ischemia reperfusion injury and autophagy: role of Galectin-3
Suhail Al-Salam, United Arab Emirates
S. Hashmi

002

Cardiac amyloidosis: frequency and characterization in a large Swiss autopsy cohort
Albert Baschong, Switzerland
S. Ersözlü, H. Moch, Z. Varga, F. Ruschitzka, A. Flammer, C. Meier, U. Maccio

003

Capillary density and lymphatic vessels in endomyocardial biopsies from patients with cardiac amyloidosis
Angela Pucci, Italy
V. Musetti, A. Aimò, L. Bonino, V. Castiglione, F. Greco, M. Rossetti, A. Celi, A. Barison, M. Coeani, M. Ciardetti, C. Palmieri, C. Passino, M. Emdn, G. Vergaro

004

Expression of pro-autophagic Beclin-1 and pro-apoptotic Caspase-3 in post-traumatic period of experimental blunt cardiac injury
Mariya Stepanchenko, Russia
E. Klyuchnikova, O. Korpacheva, A. Zolotov, S. Mozgovoi

005

The influence of endurance exercise training intensity on the acute phase of murine coxsackievirus B3 myocarditis
Manon Van Hecke, Belgium
K. Favere, S. Eens, P. Guns, H. Heidebuchel, T. Roskams

006

The influence of endurance exercise training on myocardial fibrosis and arrhythmogenesis in a coxsackievirus B3 myocarditis mouse model
Manon Van Hecke, Belgium
K. Favere, S. Eens, P. Guns, T. Roskams, H. Heidebuchel

PS-09 Poster Session

09:30–10:30 Poster Exhibition
Poster Session Electron Microscopy
 Chair: *Giovanna Cenacchi, Italy*

001

Morphological and crystallographic features of meningioma psammoma bodies
Anastasiia Denysenko, Ukraine
R. Moskalenko

PS-10 Poster Session

09:30–10:30 Poster Exhibition
Poster Session Gynaecological Pathology
 Chairs: *Joana Ferreira, Portugal*
Natalia Rakislova, Spain
Sarit Aviel-Ronen, Israel

001

Compliance with sampling guidelines in borderline ovarian tumours: auditing current practice
Maria Alzamora, Portugal
P. Rodrigues Veiga, R. Dias, C. Bartosch

002

Morphological patterns of high-grade serous tubo-ovarian carcinoma in association with HRD
Micaella Elizabeth Aquino Correa, Spain
L. Valdivieso, A. Castillo, M. Jimeno, L. Hernandez, J. García-Gomez, K. Matute-Molina, A. Feu

003

Should all undifferentiated uterine sarcoma be molecularly tested?
Damiano Arciuolo, Italy
S. Patrizi, S. Vallese, R. Alaggio, L. Pedace, C. Nardini, F. Vinciarelli, P. Belen, A. Travaglino, G. Scaglione, A. Santoro, F. Locatelli, E. Miele, G. Zannoni

004

Vulvar and non-vulvar cancer risk in women with biopsy verified vulvar lichen sclerosus – a nationwide cohort study
Louise Baandrup, Denmark
E. Kaderly Rasmussen, C. Hannibal, R. Hertzum-Larsen, S. Kjær

005

High-risk HPV E6/E7 mRNA in situ expression in cervical premalignant lesions
Ines Benedetti, Colombia
L. Barrios, R. Rodriguez

006

Differences in gene expression between cervical squamous intraepithelial lesions and normal cervix
Ines Benedetti, Colombia
R. Rodriguez, L. Barrios

007

Targeted molecular testing in endometrial carcinoma and application of the International Federation of Gynecologic and Obstetrics (FIGO) staging system 2023 – impact in clinical management
Sofia Carralas Antunes, Portugal
F. Cunha, S. da Mata, C. Albuquerque, A. Silva, P. Silva, A. Carvalho, Z. Nunes, A. Félix, J. Ferreira

008

Comprehensive immunohistochemical analysis of mesonephric marker expression in low-grade endometrial endometrioid carcinomas
Yoon Ah Cho, Republic of Korea
C. Park, Y. Lee, S. Choi, H. Kim

009

Re-thinking peritoneal cytology: exploring its role in endometrial cancer molecular classification
Lucine Christe, Switzerland
E. Baumann, W. Solass, F. Saner, S. Imboden, F. Siegenthaler, M. Mueller, T. Rau

010

HER2 status evaluation in endometrial carcinoma p53-abnormal: multiple approaches for a single purpose
Sara Coluccelli, Italy
M. Errani, C. Ravaioli, A. Corradini, A. Costantino, T. Maloberti, D. de Biase, G. Tallini, A. De Leo

011

Immunohistochemical assessment of PAX2, PTEN and ARID1A in a series of 23 cases of atypical polypoid adenomyoma of the uterus
Victor Cristóbal Redondo, Spain
E. Troncoso Hernández, V. Pedrero Castillo, R. Casco Zuniga, E. Castellón Mollà, M. Sala Ferichola, J. López Fernández, G. Peiró Cabrera

012

Folate receptor alpha prevalence and association with ovarian cancer patient and disease characteristics
Emily Deutschman, USA
B. Liang, A. Morneault, D. Libert, K. Moore, U. Matulonis, R. Coleman, A. Oaknin, T. Van Gorp, B. Howitt, E. Diver, M. Method, C. Sloss

013

Clinicopathological and molecular profiles of three cases of HPV-independent cervical squamous cell carcinomas: insights and implications
Ahmet Erbagci, Turkey
G. Kir, F. Özen, A. Karateke

014

Unraveling the molecular landscape of UTROSCT: insights from a clinicopathological, morphological, immunohistochemical and molecular analyses of 36 cases
Miroslava Flídrová, Czech Republic
N. Hájková, J. Hojný, J. Dvořák, R. Michálková, J. Laco, G. McCluggage, G. Giordano, E. Silini, K. Michalova, M. Bizoń, P. Dunder, M. Kendall Bártů

015

A clinicopathologic analysis of 30 cases of molar and nonmolar hydropic conceptions with divergent p57 expression
Masaharu Fukunaga, Japan

016

EPM2AIP1 immunohistochemistry as a surrogate of promoter methylation analysis in endometrial carcinoma
Sonia Gatius, Spain
M. Santacana, M. Vaquero, D. Cuevas, N. Eritja, X. Matias-Guiu

017

A novel semi-quantitative multiplex PCR method for rapid copy number high subtype stratification in endometrial cancer. Pilot study

Sonia Gatus, Spain

A. Velasco, A. Vilar, S. Villatoro, M. Vaquero, R. Marin, M. Ajenjo-Bauza, S. Walz, A. Henning, M. Varela, X. Matias-Guiu

018

Morphometric study of endometrial vessels in patients with abnormal uterine bleeding associated with chronic endometritis

Mikhail Gushchin, Russia

L. Mikhaleva, M. Orazov, R. Mitrelis, S. Mikhalev, R. Vandysheva, D. Masalimova

019

Extra-pulmonary lymphangioliomyomatosis: incidental finding detected in staging surgery for gynaecological neoplasia

Albert Hidalgo Romero, Spain

Z. Calixto, R. Zagrean, L. Huayna

020

Trop-2 expression in cervical carcinoma (CX) - a possible target for the antibody drug conjugate sacituzumab

Lars-Christian Horn, Germany

B. Wolf, M. Forberger, R. Hiller, A. Freude, S. Droste, A. Hoehn

021

Upregulation of FOXP3+ regulatory T lymphocytes in patients with high-grade cervical squamous intraepithelial lesions

Sergejs Isajevs, Latvia

A. Mitildzans, V. Gordjusina, D. Rezeberga

022

Development of a digital method for assessing tumour-stroma ratio and tumour infiltrating lymphocytes in vulvar squamous cell carcinomas

Oli Jacobsen, Denmark

L. Baandrup, S. Kjær, L. Larsen, A. Fiehn

023

Polymorphisms and expression of IL-10 gene in ovarian cancer patients from Georgia

Ketevani Kankava, Georgia

P. Balakrishnan, J. Shah, S. Surmava, E. Kvaratskhelia, E. Abzianidze, N. Vardiashvili

024

Mesonephric-like adenocarcinoma of the uterine corpus: comparison of GATA-binding protein 3 Expression and its diagnostic performance among different antibody clones

Hyunjin Kim, Republic of Korea

H. Kim

025

Diagnostic role of immunostaining for thyroid transcription factor 1 (TTF1) and paired box 8 (PAX8) in distinguishing pulmonary metastases of mesonephric and mesonephric-like adenocarcinomas from primary lung adenocarcinoma

Hyunjin Kim, Republic of Korea

N. Ji, H. Kim

026

Comparison of clinicopathological and prognostic characteristics between minimal deviation adenocarcinoma and gastric-type endocervical adenocarcinoma

Sanghwa Lee, Republic of Korea

S. Kum, H. Kim

027

Quantification of intraepithelial CD8 T lymphocytes by dual immunostaining and digital image analysis as a prognostic biomarker in high-grade serous ovarian carcinoma

Jesús Machuca-Aguado, Spain

A. Muñoz-Álvarez, R. Rendón-García, A. Conde-Martín, J. Ríos, M. Idoate-Gastearena

028

Clinicopathological characterization of a case series of struma ovarii

João Pedro Maldonado, Portugal

M. Meruje, V. Almeida, R. Almeida, S. Petronilho

029

Erythropoietin-Producing Hepatocellular (EPH) carcinoma receptors expression in endometrial carcinomas

Michelle Merheb, Spain

S. Gatus, N. Eritja, A. Martinez, X. Matias-Guiu

030

Napsin-A expression in mesonephric and mesonephric-like adenocarcinomas: implications for distinguishing these from clear cell carcinoma

Jelena Mirkovic, *Canada*

E. Olkhov-Mitsel, O. Fadare, G. McCluggage

031

The retrospective investigation of Silva pattern and tumour budding score in cervical carcinomas; a single-centre study

Aysehanim Namal, *Turkey*

Ş. İlvan, A. Yavuz

032

Adopting molecular classification for endometrial carcinomas: a feasibility study in a DGH setting

Ruchi Nasa, *United Kingdom*

K. Dharmadasa, J. P Leelamma, H. Shah, Z. Maarouf, F. Young

033

Variations in terminology of metastatic mucinous tumours involving the ovary and omentum

Lindsay Ninivirta, *Canada*

K. Baranova, E. Goebel, J. Walsh

034

The role of extracellular traps as indicators of early pregnancy loss

Natalia Nizyaeva, *Russia*

T. Gusarova, N. Tikhonova, I. Stepanova, A. Akhmetshina, A. Stepanov, L. Mikhaleva

035

Mesenchymal tumours of the ovary and ligament: a comprehensive analysis of fourteen cases

Ana Lia Nocito, *Argentina*

S. Sarancone

036

Uterine leiomyomas diagnosed as bizarre nuclei showing fumarate hydratase deficiency, 22 years experience in our hospital

Alejandro Pasco Peña, *Spain*

I. Fernandez, R. Guarch, E. Carracedo, A. Córdoba, A. Panizo

037

Identification of biomarkers of relapse in endometrial carcinomas of intermediate clinical risk by proteomics and transcriptomics

Alberto Peláez-García, *Spain*

I. Ruz-Caracuel, A. Lopez-Janeiro, L. Yebenes, A. Berjón, A. Redondo, R. Barderas, M. Mendiola, D. Hardisson

038

Artefactual immunostaining for MLH1 in endometrial carcinoma – a potential pitfall

João Miguel Pimentel, *Portugal*

J. Gama, J. Madeira, R. Almeida, S. Petronilho

039

Practical implementation of TCGA endometrial carcinoma classification

Grigori Raskin, *Russia*

A. Chernev, A. Druy, M. Mukhina, E. Kravtsova, M. Filipenko, U. Boyarskikh

041

CCNE1 amplification in early-stage ovarian carcinomas

Amanda Rodríguez Villena, *Spain*

E. Guerra Alia, I. Carretero del Barrio, E. Cristóbal, T. Caniego, J. Palacios, B. Pérez-Mies

042

The MODAPLEX platform as an alternative molecular classification tool for endometrial carcinoma

Lanny Ruiz, *United Kingdom*

V. Gonzalez-Diaz, J. Crook, M. Grantham, N. Singh

043

Differential clinic-pathological and prognostic features of three main abnormal patterns of p53 staining of HPV-independent vulvar squamous cell carcinoma

Adela Saco, *Spain*

N. Carreras, N. Peñuelas, L. Díez-Ahijado, M. Del Pino, L. Marimón, J. Ordí, N. Rakislova

044

A role of Stathmin expression in the differential diagnosis and prognosis of ovarian sex-cord stromal tumours

Adam Šafanda, Czech Republic
P. Dundr, R. Michálková, R. Matěj, M. Švajdler, T. Shatokina, J. Laco, J. Hausnerová, Z. Špůrková, G. Mehés, J. Drozenová, M. Náležinská, K. Němejcová

045

Exploring molecular features of metastatic carcinoma to gynaecologic tract

Ozlen Saglam, USA
R. Rojas, R. Ali, C. Corless

046

Invasive cervical carcinoma in patients under 25 years old: a single-centre series with follow-up

Giulia Scaglione, Italy
D. Arciuolo, A. Travaglino, A. Santoro, N. D'Alessandris, B. Padiál Urteua, F. Addante, F. Vegni, M. Valente, R. Benvenuto, N. Narducci, L. Mastrantonio, F. Camarda, L. Pedone Anchora, G. Zannoni

047

The complex landscape of endometriosis and cancer: a breakthrough with spatial transcriptomics analysis

Giulia Scaglione, Italy
C. Nero, V. Iacobelli, S. Alivernini, B. Tolusso, A. Piermattei, A. Travaglino, A. Santoro, F. Sillano, R. Trozzi, L. Giaco, G. Mantini, A. Fagotti, G. Scambia, G. Zannoni

048

Comperative assessment of TP53 mutation status by next-generation sequencing and p53 immunohistochemistry in endometrial carcinoma

Luca Szalai, Hungary
Z. Meleg, E. Tanács-Bencze, E. Tóth, I. Vereczkey

049

Evaluation of HER2/neu expression in serous endometrial carcinoma: a single institutional study from a tertiary cancer referral centre, India

Puja Thakur, India
B. Rekhi, S. Menon, K. Deodhar, N. Mittal, J. Ghosh, A. Maheshwari, S. Gupta

050

Endometrial assessment for fertility-sparing treatment of young women with early-stage endometrial carcinoma: proposal for a standardized synoptic reporting

Zitong Zhao, Singapore
J. Ang, R. Nadarajah, S. Wong

PS-11

Poster Session

09:30–10:30

Poster Exhibition

Poster Session Haematopathology

Chair: **Alexandra Traverse-Glehen**, France

001

Characteristics of orbital lymphoma: a clinicopathological study of 21 cases

Diana Aniceto Baptista, Portugal
A. Pardal, E. Fonseca

002

Transient abnormal myelopoiesis and Down Syndrome. Investigating the features of hepatic hematopoiesis in foetuses affected by trisomy 21

Andrea Canino, Italy
F. Angotzi, C. Gerosa, R. Murru, E. Noto, M. Vincis, D. Fanni

003

Immunohistochemical profiling of CD94 expression in mature T and NK-Cell cells and neoplasms: correlation with flow cytometry and clinical relevance

Ozgur Can Eren, Turkey
I. Isgor, K. Lopez, Q. Gao, D. Frosina, E. Hernandez, A. Jungbluth, A. Dogan

004

Spectrum of hemoglobinopathy in antenatal females screened for carrier status at a tertiary care centre in Central India

Garima Goel, India
V. Krishna, D. Garkoti, D. Joshi, V. Walke

005

Clinicopathological and genetic features of extranodal marginal zone B-cell lymphoma of lower gastrointestinal tract

Bogyong Han, Republic of Korea
J. Yim, S. Lim, Y. Song, S. Kim, H. Yun, Y. Jeon

006

The features of chronic myelotoxic effects of heavy metal salts in rats

Yuliia Lyndina, Ukraine

N. Hyriavenko, K. Sikora, Y. Sikora, M. Lyndin, A. Romaniuk

007

Differential STAT3 signalling in the tumour microenvironment of EBV-positive versus EBV-negative diffuse large B-cell lymphomas

Nabila Moulai, Algeria

R. Bennoui, M. Guermi, S. Ahmed Allal, W. Ouahioune

008

Clonality and clonotype assessment in T follicular helper cell lymphoma by next-generation sequencing of TRB and TRG rearrangements

Ryuko Nakayama, Japan

L. Kroeze, J. Luijckx, J. Rijntjes, A. Amir, P. Groenen, K. Hebeda

009

PS6 expression is associated to different molecular pathways in diffuse large B-cell lymphoma cell-of-origin subtypes

Eduardo Neves, Brazil

C. Hirth, L. Gomes Neto, P. Silva, S. Rabenhorst

010

ALK-positive anaplastic large cell lymphoma (ALK+ ALCL): comprehensive diagnosis

Zuzana Prouzova, Czech Republic

M. Mrhalová, E. Kabičková, R. Kodet, M. Kalinová

011

Automated detection and classification of hematopoietic cells in bone marrow aspirate smears for routine screening using a deep-learning algorithm (Aiforia)

Leonie Saft, Sweden

E. Vaaara, E. Ljung, A. Kwiecinska, D. Kumar, B. Timar

012

CD23 expression in lymphoplasmacytic lymphoma: diagnostic utility and biological correlations

Federico Scarmozzino, Italy

M. Pizzi, N. Danesin, M. Pinto, G. Scapinello, L. Trentin, F. Piazza, A. Dei Tos

013

Interpretation of B cell malignancies using an ultrasensitive dual mRNA in situ hybridization (ISH) for kappa and lambda light chain restriction demonstrates high level of reproducibility between three sites

Bowdoin Su, USA

A. Baker, A. Ehsan, A. Evans, S. Gladden, B. Mosteller, J. Su, A. Babic

015

PPM1D mutations are associated with high frequency of fibrotic progression or accelerated phase in myeloproliferative neoplasms

Xi Zhang, USA

R. He

| PS-12 | Poster Session |
|--|-------------------|
| 09:30–10:30 | Poster Exhibition |
| Poster Session Molecular Diagnostics Pathology Symposium | |
| Chair: <i>Carina Heydt, Germany</i> | |

001

Comprehensive genomic profiling of tumour spatial heterogeneity for clinically-actionable genomic alterations

J. Keith Killian, USA

D. Lin, R. Huang, L. Ritterhouse, S. Lakis, P. Pokharel, D. Pavlick, D. Jin, N. Ferguson, L. Dennis, D. Fabrizio, C. Malboeuf, M. Montesion, G. Frampton, K. Murugesan

002

Investigating the use of fresh cytological specimens as an alternative to FFPE tissue for biomarker detection in non-small cell lung cancer

Brittany Mills, United Kingdom

003

Lessons from external quality assessment (EQA) for BRCA1 and BRCA2 testing in hereditary breast, ovarian, pancreatic and prostate cancer – are large genomic rearrangements (LGR) being missed?

Victoria Williams, United Kingdom

J. Fairley, A. Maqsood, M. Cheetham, N. Wolstenholme, S. Deans, S. Patton

| PS-13 | Poster Session |
|--|-------------------|
| 09:30–10:30 | Poster Exhibition |
| Poster Session Neuropathology | |
| Chair: Zane Jaunmuktane, United Kingdom | |

001

Anaplastic meningiomas - CDKN2A/B and p16 in diagnosis and progression

Lina Carvalho, Portugal

M. Reis Silva, G. Malva, S. Simões, A. Alarcao, A. Ladeirinha, T. Ferreira, M. Viseu, M. Santos, A. Novo, O. Rebelo

002

Molecular subgroups of paediatric medulloblastomas and potential biomarkers

Pilar Eguía Aguilar, Mexico

F. Chico, L. Cabrera, G. Baay, S. Juárez, M. Pérezpeña, J. García, S. Sadowinski, S. Torres, V. González, A. Escobar, C. Barrera, A. Vicenteño, D. Anaya

003

Neuropathological findings in methadone-related deaths

Daria Gorelova, Russia

O. Reshetnikova, E. Romanova, A. Ermakov

004

Arrangements of alpha-synuclein protoforms in Lewy bodies according to specific antibody clones – pilot study

Dominik Hrabos, Czech Republic

S. Hasegawa

005

Unfolded protein response is activated in the brain of Parkinson's disease patients and in human iPSC-derived cerebral organoid models of the disease

Dominik Hrabos, Czech Republic

S. Hasegawa, G. Gonzalez

006

Hydroxytyrosol, a powerful polyphenol of olive oil, prevents neuroinflammation induced by oxysterols, cholesterol oxidation products, in Alzheimer's disease

Leigh-Anne Jones, Italy

R. Cecci, M. Grosso, P. Gamba, G. Leonarduzzi, G. Testa

007

Morphological and molecular study of FGFR2 rearranged low-grade glial and glioneuronal tumours

Miroslav Kobližek, Czech Republic

M. Stanek, L. Krskova, A. Vicha, M. Strnadova, M. Zapotocky, V. Benes, J. Zamecnik

008

Non-functional pituitary neuroendocrine tumours (NF-PitNETs): an Algerian series of 84 cases

Khaled Lounis, Algeria

N. Bouzid, S. Ait Younes

009

A comparative study on the clinicopathologic and molecular characteristics of primary and secondary diffuse large B-cell lymphoma in the central nervous system

Kiyong Na, Republic of Korea

J. Do, L. Yenwongfai, S. Do

010

Can molecular markers stratify IDH-mutant astrocytomas beyond homozygous CDKN2A/B deletion?

Zita Reisz, United Kingdom

K. Eggleton, R. Ellmers, P. Hirani, C. Limbachia, L. Bhaw, R. Laxton, B. Clark, A. King, I. Bodi, S. Al-Sarraj

011

Neurochemical, neurotrophic and redox-related changes in the hippocampus of the BTBR mouse model of autism spectrum disorders

Vladyslav Sikora, Ukraine

M. Bove, L. Trabace

012

High-grade astrocytoma with piloid features: a novel CNS tumour type with a proposed intermediate prognosis

Albert Vamanu, United Kingdom

R. Laxton, A. Swampillai, O. Al-Salihi, L. Brazil, M. Durve, J. Glendenning, L. Bhaw, K. Eggleton, C. Limbachia, B. Clark, A. King, I. Bodi, S. Al-Sarraj, Z. Reisz

013

Examine the possibility of adding molecular pathological criteria for the re-classification of grade I meningiomas – modeled on the examples of diffuse astrocytic tumours
Chang Young Yoo, Republic of Korea
S. Yang

PS-14 **Poster Session**
09:30–10:30 **Poster Exhibition**
Poster Session Other Topics
Chair: **Filippo Fraggetta**, Italy

001

Improving diagnostic skills with spaced repetition: the SpacedPath project, a randomized controlled trial
Sarah Barhdaoui, France
T. Kervarrec, P. Sohier

002

The mystery of peripancreatic pacinian corpuscles: report of 3 cases
Alexandra Kolaki, Greece
E. Stoupi, I. Vlachos, I. Grypari, K. Bramis, M. Kostandoulakis, D. Tiniakos

003

Erythroderma: a clinicopathological study of 110 cases from 2016 to 2023
Kristina Kundovic, Serbia
D. Petrovic, I. Petrovic, M. Bosic, E. Manojlović Gačić, J. Stojković Filipović, D. Škiljević, J. Perić, D. Miličić, S. Tanasilović, S. Popadić, V. Reljić, N. Delić, B. Lekić, S. Minić

004

High mobility group protein AT-hook 2 (HMGA2) is highly expressed in a broad range of human tumours
Katharina Moeller, Germany
V. Chirico, F. Ergüven, N. Schraps, F. Lutz, F. Viehweger, M. Kluth, G. Sauter, R. Simon, T. Krech, S. Steurer, S. Minner, N. Gorbokon, M. Lennartz, A. Menz

005

Infectious biobanking and biodata management of the German Centre for Infection Research – a key infrastructure for multiple research approaches
Tilman Pfeffer, Germany
K. Hofmann, I. Klein, P. Schirmacher

006

Implementation of a continuous evaluation method in pathology teaching
Maria José Gálvez Medina, Spain

PS-15 **Poster Session**
09:30–10:30 **Poster Exhibition**
Poster Session Paediatric and Perinatal Pathology
Chair: **Ronald de Krijger**, The Netherlands

001

Foetal and neonatal hydraencephaly: a study of 7 cases
Farah Loued, Tunisia
R. Ayadi, I. Mallek, A. Lahmer, D. Bacha, S. Ben Slama

002

Lethal osteochondrodysplasias: study of 32 cases
Ines Mallek, Tunisia
R. Ayadi, F. Loued, A. Lahmer, D. Bacha, S. Ben Slama

003

New approaches to morphological diagnosis of placenta percreta
Natalia Nizyaeva, Russia
I. Kulikov, E. Milyutina, V. Mkhitarov, K. Artemyeva, A. Akhmetshina, A. Milovanov

004

Clinicopathological characteristics of hepatoblastoma: a 13-year retrospective study with analysis of imagiological/pathological treatment response and histological types
Ricardo Rolim, Portugal
J. Lopes, H. Barroca

PS-16 Poster Session

09:30–10:30 Poster Exhibition

Poster Session Soft Tissue and Bone Pathology

Chairs: **Michael Michal**, Czech Republic
Francois Le Loarer, France

002

Descriptive study of solitary fibrous tumour and its clinicopathological characteristics at Fundación Santa Fe de Bogotá University Hospital between 2004 and 2022

Daniela Castellanos Leguizamón, Colombia
C. Barrera, J. A. Baena del Valle, F. V. Diaz Pupo, H. A. G. Amaya, K. O. Carreño, M. A. P. Lazaro

003

Evaluation of the performance of immunohistochemistry markers SS18-SSX and TLE1 in synovial sarcoma and description of their expression in histological imitators and other fusocellular tumours at Fundación Santa Fe de Bogotá University Hospital

Daniela Castellanos Leguizamón, Colombia
C. Barrera, J. A. Baena del Valle, F. V. Diaz Pupo, H. A. G. Amaya, K. O. Carreño, M. A. P. Lazaro

004

Clinicopathological features of primary histiocytic neoplasms of bone: a two-centre retrospective study of 58 cases

Havva Berber, Turkey
S. Ozduzgun Polat, S. Yüksel, S. Guresci, G. Kaygusuz

005

Impact of comprehensive genomic profiling on the diagnosis and clinical management of mesenchymal tumours

Anna Beáta Csepregi, Hungary
Z. Melegh, A. Kohánka, Z. Küronya, E. Soós, E. Tóth

006

The wide morphological spectrum of myofibroblastoma: in-depth clinicopathological study of rare mammary and extra-mammary variants

Federica D'aquila, Italy
G. Attanasio, G. Tinnirello, J. Farina, S. Salzano, F. Laudani, L. Salvatorelli, G. Angelico, G. Magro

007

Semiquantitative assessment of synovitis across the disease trajectory of Rheumatoid Arthritis: cross sectional analysis of 1,361 ultrasound-guided minimally invasive biopsies

Marco Gessi, Italy
L. Coletto, S. Perniola, B. Tolusso, C. Di Mario, M. Gigante, L. Petricca, A. Pacucci, D. Bruno, R. Benvenuto, M. D'Agostino, E. Gremese, S. Alivernini

008

TRPS1 oncoprotein is a reliable complementary marker for immunohistochemical diagnosis in synovial sarcoma

Francisco Giner, Spain
E. Medina-Ceballos, I. Machado, S. Navarro, E. Mayordomo Aranda, M. Espino, A. Llombart-Bosch

009

Importance of transthyretin-derived amyloidosis (ATTR) detection in Carpal Tunnel Syndrome (CTS)

Corina Girleanu, Ireland
J. Bissonnette, P. Fleming, N. Bermingham, L. Burke

010

Hydatidic cyst of bone: an ongoing diagnostic problem in the 21st century
Claudia Andrea Gomez Gonzalez, Turkey
I. Tamsel, H. Kaya, S. Cagli, M. Sezak, B. Doganavsargil

012

Morton neuroma: an evaluation of the histopathological findings of 626 cases
Fiona Maclean, Australia

V. Ngo, A. Cheah, C. Vargas, J. Turchini, F. Bonar

013

Gene fusions-associated mesenchymal tumours of the uterus: a morphologic, immunohistochemical and molecular analysis of 40 cases

Ioana Ancuta Neculaescu, Italy
A. Guerriero, B. Elena, C. Borga, L. Zanatta, M. Sbaraglia, A. Dei Tos

014

Clinico-pathological study of synovialosarcomas, series of 20 cases

Wahiba Ouahioune, Algeria

N. Moulai, M. Guermi

015

Establishment of an osteoarthritis model of slow progression in rats and proposal of a new therapeutic approach with collagen V

Walcy Rosolia Teodoro, Brazil

T. de Matos Lobo, V. Rodrigues de Souza, S. Carrasco, D. Levy, A. Dos Santos Filho, S. Catanozi, Z. de Jesus Queiroz, L. Keren Ramos da Silveira, J. Alves Almeida, R. Fuller, V. Capelozzi, A. Pereira Velosa

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016

Osteochondral tissue changes induced by cigarette smoke exposure: the importance of TNF- α in these events

Fernanda Degobbi Lopes, Brazil

W. R. Teodoro, A. Ferreira, A. Riani Moreira, F. de Almeida, A. Porfi Rio, L. Mattos, F. Lima, V. Rodrigues de Souza, A. Pereira Velosa

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017

Advancing bone research: a new cryoembedding method for in-depth analysis of large bone specimens

Pavla Ticha, Czech Republic

I. Pilawski, X. Yuan, S. Tulu, B. Coyac, J. Helms

I. Pilawski, X. Yuan, S. Tulu, B. Coyac, J. Helms

018

Frequent and tricky lesion of jaw: review 117 cases of ameloblastoma diagnosed in a single centre

Anil Toklu, Turkey

C. Gonzales, M. Sezak, A. Başduran, B. Koyuncu, A. Biçer, K. Öztürk, B. Doğanavşargil

C. Gonzales, M. Sezak, A. Başduran, B. Koyuncu, A. Biçer, K. Öztürk, B. Doğanavşargil

C. Gonzales, M. Sezak, A. Başduran, B. Koyuncu, A. Biçer, K. Öztürk, B. Doğanavşargil

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Please visit the
ESP Booth

Spadolini Ground Floor
at Fortezza da Basso

▶ Tuesday, 10 September 2024

| PS-17 | Poster Session |
|--|-------------------|
| 09:30–10:30 | Poster Exhibition |
| Poster Session Digital and Computational Pathology | |
| Chairs: Norman Zerbe , Germany | |
| Catherine Guettier , France | |

001

Closing the gap in the clinical adoption of computational pathology: an open-source workflow for the integration of deep-learning models into the laboratory information system

Miriam Angeloni, Germany

D. Rizzi, S. Schön, A. Hartmann, F. Fraggetta, F. Ferrazzi

002

Artificial intelligence system for training pathologists to score gastric PD-L1

Sunil Badve, USA

H. Schildhaus, J. Rueschoff, G. Bänfer, B. Jasani, D. Ilevlieva, F. Soares, F. Alchami, K. Schmitz, S. Schöniger, A. Tereshchenko, D. Calvopina, T. Lang, M. Karasarides, G. Kumar

003

The impact on accuracy and reading time of artificial intelligence concurrent read vs second read prostate histology workflows

Gareth Bryson, United Kingdom

J. Blackwood, R. Campbell, L. Cottrell, J. Crosby, S. Fraser, J. Lee, A. McConnachie, H. Pitchamuthu, K. Rakovic, J. Salmond, J. Wilson

004

Clinical scoring and validation of a comprehensive AI-powered tumour content and lung macrodissection algorithm

Peter Caie, USA

W. Edelman, R. Wyatt, D. Mulkern, H. Moore

005

Pathology teaching forum: use of a digital platform at universities in Brazil

Juliana Carneiro Melo, Brazil

D. Nunes Oliveira, G. Brasileiro Filho, F. Toledo Bueno Pereira, G. Pozzan, S. Maria Macedo, G. Garcia Costa e Melo, R. Osterne Lima Verde, F. Guimarães Rodrigues, R. Santana de Lima

006

3-Dimensional analysis of tumour buds using open-top light-sheet microscopy in lung and colon cancers suggests that many tumour buds are local invasions

Oswin Chamian, USA

E. Baraznenok, M. Maillard, H. Dawson, I. Zlobec, S. Berezowska, J. Liu, A. Janowczyk

007

Development of an automated artificial intelligence-based tool for fibrosis assessment in bone marrow biopsies

Giuseppe D'abronzo, Italy

A. Ronchi, S. Lucà, E. Carraturo, A. Cioce, A. Sica, G. Svanera, R. Franco

008

Implementing advanced quality control in digital pathology: integration of QC in diagnostic workflows

Céline Riou, France

C. Bertrand, J. Pomerol, M. Isaieva, R. Boukaroura, C. Riou

009

Market access landscape for digital and computational pathology in EU6

Anastasios Gkiokas, Switzerland

E. Sheppard, H. Bannister, O. Ben Dhia, S. Tsantila, C. Decaudaveine, N. Yao, N. Farkas, K. Baden

010

Comparative study of feature extractors for colorectal cancer pathology image classification using large-scale datasets and multiple instance learning

Gisu Hwang, Republic of Korea

H. Yoon, D. Jeong, W. Cho, E. Lee, Y. Chong

011

Inline quality assessment of WSI in parallel to scanning operations reduces the rescan burden and expedites digital pathology adoption

Jaya Jain, India

R. Gupta, P. Pellaru, A. Shah, A. Shaik, P. Perugupalli

012

Multiple instance learning-based classification of subtypes of renal cell carcinoma using the largest dataset of whole slide images

Daeky Jeong, Republic of Korea

G. Hwang, W. Cho, H. Yoon, J. Ra, C. Jung, Y. Chong

013

HIPPO: an explainable AI framework to uncover causal relationships and decision drivers in weakly-supervised digital pathology models

Jakub Kaczmarzyk, USA

J. Saltz, P. Koo

014

Developing a multi-site, multi-cancer, real world dataset integrating digital pathology, spatial tumour-TIL maps, clinical phenotypes, and outcomes

Jakub Kaczmarzyk, USA

W. Chen, E. Durbin, D. Foran, R. Gupta, J. Hajagos, I. Hands, G. Harris, T. Insaif, T. Kurc, J. Levens, B. Qiao, J. Saltz, A. Stroup, K. Ward

015

Generating highly accurate pathology reports from gigapixel whole slide images with HistoGPT

Valentin Koch, Germany

M. Tran, P. Schmidle, S. Wagner, V. Lupberger, A. Feuchtinger, A. Böhner, R. Kaczmarczyk, T. Biedermann, K. Eyerich, S. Braun, T. Peng, C. Marr

016

Artificial intelligence-assisted interpretation of colonic biopsies from patients with inflammatory bowel disease

Adam Levine, United Kingdom

O. Hadar, H. Lowes, J. Goldenblat, T. Mistry, D. Okrif, C. Sagiv, M. Rodriguez-Justo

017

The sonification of pathology: from slides to sound with AI-powered analysis

Houqiang Li, China

T. Romagnoli, S. Lin, M. Cecchini

018

Commercial AI-assisted algorithms for HER2 assessment can predict HER2 amplification

Mateusz Maniewski, Poland

J. Borowczak, H. Andruszewicz, J. Dzierżawski, J. Starzyński, M. Zdrenka, P. Chudzińska, Ł. Szyłberg

020

Convolutional neural network classifier for Helicobacter pylori detection in immunohistochemical staining of gastric mucosa

Eva Musulen, Spain

P. Cano, P. Lloret, D. Gil

021

Quantitative markers hidden beyond radiological and pathological images: an artificial-intelligence-based integrative approach for predicting response to chemoradiation in locally-advanced non-small cell lung cancer

Lorenzo Nibid, Italy

G. Sabarese, M. Tortora, C. Ermanno, R. Sicilia, S. Ramella, P. Soda, G. Perrone

022

Tissue Concepts: a supervised foundation model for computational pathology

Till Nicke, Germany

J. Schaefer, H. Hoefener, F. Feuerhake, D. Merhof, F. Kießling, J. Lotz

023

Characterizing tumour heterogeneity through quantitative pathology features for lung cancer patients' survival prediction

Paolo Ocampo, USA

F. Dambandkhameneh, X. Li, Y. Nie

024

Artificial intelligence applications in placental health: creating a new diagnostic algorithm for placental delayed villous maturation, an enigmatic pathological condition

Marta De Uribe Vloria, Spain

S. Quinones, D. Pelu Brezae, I. Ramírez, V. Macarrón, E. Tornay, R. Regojo, C. Simon de Blas

025

Precise 3D invasiveness detection for skin tumours diagnosis using X-ray virtual histology

Giulia Saccomano, Italy

M. Pinamonti, F. Ciompi, D. Dreossi, F. Brun

026

A novel artificial intelligence based score for assessing the prognostic value of intra-epithelial lymphocytes in oral epithelial dysplasia

Adam Shephard, United Kingdom

H. Mahmood, S. Raza, A. Khurram, N. Rajpoot

027

AI analysis of thyroid fine-needle aspiration liquid-based cytology study

Xiaorong Sun, China

S. Tian, H. Cao, W. Xiong

028

Utilizing artificial intelligence for detecting nodal metastasis in head and neck squamous cell carcinoma

Tra Truong, Canada

B. Martin, E. Olkhov-Mitsel, J. Chao

029

Whole slide image based application for optimization of immunohistochemical staining protocol

Yukako Yagi, USA

C. Ohnishi, E. Yanagita, D. Frosina, R. Serrette, P. Ntiamoah, A. Jungbluth

030

A new method of artificial-intelligence-based automatic identification of grade and invasion in urothelial carcinomas

Sabina Zurac, Romania

B. Ceachi, L. Nichita, M. Cioplea, C. Popp, L. Sticlaru, M. Bușcă, A. Cioroianu, A. Vilaia, J. Gerald Dcruz, P. Mustățea, C. Dumitru, V. Cauni, A. Bastian, C. Mogodici

031

Classification of craniofacial bone tumours using deep learning models

Ghazaleh Sadat Hosseini Japalagh, The Netherlands

T. Kleijn, W. H. Schreuder, K. Szuhai, M. Witjes, K. van Langevelde, R. Hemke, D. Savci-Heijink, A. J. H. Suurmeijer, G. Diercks, U. E. Flucke, L. Hiemcke-Jiwa, J. Bovée, D. Baumhoer, A. Cleven

Trainees' Assembly

Wednesday, 11 September 2024

14:00 – 16:00 · Spadolini 7

European
Society of
Pathology

PS-18 **Poster Session**
09:30–10:30 **Poster Exhibition**
Poster Session Head and Neck Pathology
Chairs: Esther O'Regan, Ireland
Silvana Di Palma, United Kingdom

002
 Critical evaluation: the Imperative of head and neck specialist review in multidisciplinary team meetings
Ahmed Ali, United Kingdom
U. Kiriwandeniya

004
 Diffuse sclerosing subtype of papillary thyroid carcinoma: a tertiary care cancer centre experience
Sheenal Bhatia, India
N. Mittal, S. Rane, K. Rabade, M. Bal, A. Patil

005
 Ex vivo confocal microscopy imaging in head and neck tumours
Odile Casiraghi, France
N. Ben Romdhane, I. Breuskin, M. Abbaci

006
 Intranodal benign thyroid inclusions: a series of 41 cases emphasizing the morphologic criteria and the application of BRAF VE1 immunohistochemistry
Yu-Che Chuang, Taiwan
Y. Kuo, J. Hang

007
 Prognostic relevance of tumour microenvironment features in lip squamous cell carcinomas: focus on poorly differentiated clusters and tumour budding
Sumeyye Ekmekci, Turkey
Y. Adali, A. Tavukcu, Y. Pekcevik, İ. Cukurova, Ü. Küçük

008
 Tonsillar localization of mucosal leishmaniasis mimicking oropharyngeal malignancy: diagnostic challenges
Matteo Errani, Italy
M. Ortalli, S. Varani, R. Albertini, L. Amorosa, E. Pasquini, P. Rinaldi, A. Lombardi, M. Del Vecchio, V. Gaspari, M. Foschini

009
 Epstein-Barr virus associated lymphoproliferative disorders in oral cavity and oropharynx
Marina Gómez Tena, Spain
M. Gomà Gallego, N. Vicente, J. Bosch, J. Azcarate, A. Vidal, M. Pané Foix, B. Kaliullayev, I. Blazquez, A. Domingo, J. Martinez, J. Rodriguez, F. Climent

010
 A head-to-head comparison of four systems for oral epithelial dysplasia grading and prognostication
Paul Hankinson, United Kingdom
M. Clark, H. Walsh, A. Khurram

012
 Tumour budding assessed according to the International Tumour Budding Consensus Conference recommendations correlates with prognosis in oral squamous cell carcinoma
Marketa Hermanova, Czech Republic
M. Herman, K. Kopecka, P. Liptakova, J. Michalek, R. Pink, I. Stanickova Zambo, J. Zapletalova

013
 Poorly differentiated thyroid carcinoma: a clinicopathological study
Megha Johari, India
K. Rabade, S. Rane, N. Mittal, M. Bal, A. Patil

014
 HMGA2 immunoexpression in epithelial myoepithelial carcinomas
Aanchal Kakkar, India
S. Saifi, R. Kumar

015
 Nasal polyposis: clinico-histological factors of recurrence
Sahar Kanoun, Tunisia
M. Triki, R. Hammami, C. Chaari, I. Charfeddine, T. Sellami Boudawara, S. Makni

017

Verrucous carcinoma of the larynx - a clinical and pathologic study of 34 cases
Wafa Mokni, Tunisia
Z. Nfikha, I. Bahri, N. Abdessayed, B. Sriha, M. Mokni

018

Salivary gland tumours are epigenetically regulated by THOR methylation
António Paiva-Correia, Portugal
J. Apolónio, P. Castelo-Branco, H. Hellquist

019

Diagnosing hyalinizing trabeculae tumour: a single institution experience
Priya Radia, United Kingdom
L. Collins, I. Bagwan, P. Mitra, G. Hall

020

A novel ultrasound-enhanced fine-needle biopsy method increases yield in vivo setting
Minna Rehell, Finland
M. Naukkarinen, Y. Le Boulout, S. Ranjan, J. Kelppe, J. Rautava, J. Tarkkanen, T. Atula, H. Nieminen, K. Aro

021

Molecular heterogeneity in mucosal melanoma of the head and neck region
Costantino Ricci, Italy
L. Di Sciascio, D. de Biase, B. Corti, E. Pasquini, G. Molteni, A. Tarsitano, A. Baietti, L. Amorosa, A. D'Errico, M. Fiorentino, G. Tallini, D. Massi, S. Ihrler, M. Foschini

022

Detailed analysis of NANOG expression in head and neck precancerous and cancerous lesions: an approach using QuPath digital image analysis
You-Na Sung, Republic of Korea
S. Ahn, W. Oh, Y. Lee, J. Sim, Y. Kim

PS-19

Poster Session

09:30–10:30

Poster Exhibition

Poster Session Molecular Pathology

Chairs: **Emilian Olteanu, Romania**
Zsolt Megyesfalvi, Hungary

001

Comparison between two different sequencing technologies using automated target enrichment based on hybrid capture in lung cancer samples
Ihab Abdulkader Nallib, Spain
R. Pérez-Becerra, T. Pereira Ares, I. Lesende Rodríguez, J. Antúnez López, J. Cameselle Teijeiro, M. Sánchez Ares

002

Excellent inter-rater agreement between pathologists in reporting morphological characteristics of frozen tumour tissues in a multicentric international cancer genomic study
Behnoush Abedi-Ardekani, France
G. Roshandel, A. Nikmanesh, F. Ghasemi-Kebria, M. Sotoudeh, F. Azmoudeh-Ardalan, H. Saffar, S. Serra, J. Scoazec, S. Ferlicot, V. Gaborieau, P. Brennan

003

Single-nucleotide polymorphism (SNP) analysis as a valuable ancillary tool for the diagnosis of biliary duct carcinomas
Elisa Albertini, Italy
T. Maloberti, L. Miranda, A. D'Errico, D. de Biase, F. Vasuri

004

Prevalence and clinical impact of the tight junction protein claudin-3: a tissue microarray study involving more than 14,000 samples from 133 human tumour types
Elena Bady, Germany
S. Büyücek, F. Ergüven, N. Gorbokon, N. Schraps, M. Lennartz, F. Viehweger, F. Lutz, G. Sauter, R. Simon, M. Kluth, S. Steurer, S. Minner, T. Clauditz, M. Freytag

005

Early insights gained in Canadian non-small cell lung cancer biomarker testing following the introduction of a novel integrated biomarker external quality assurance scheme
Kassandra Bisson, Canada
A. Beharry, J. Garratt, J. Won, B. Sheffield

006

The structure of germline variants in pancreatic cancer in Moscow patients

Natalia Bodunova, Russia

T. Yanova, A. Danishevich, M. Byakhova, V. Galkin, M. Makarova, S. Gadzhieva, D. Isaeva, I. Khatkov

007

Increased MAL2 expression confers poor prognosis in women with triple-negative breast cancer

Jedrzej Borowczak, Poland

M. Maniewski, M. Zdrenka, W. Socha, K. Gostomczyk, H. Andruszewicz, J. Łysik-Miśkurka, T. Nowikiewicz, Ł. Szyłberg, M. Bodnar

008

BRCA1/2 testing in prostate cancer: adequacy of presurgical biopsies and surgical resections

Rossella Bruno, Italy

A. Poma, G. Ali, L. Galli, E. Sammarco, M. Pacini, R. Bartoletti, C. Ugolini, P. Faviana

009

QIAGEN clinical decision support software provides rapid and accurate interpretation of gBRCA variants in a clinical lab setting

Kathryn Bungartz, Germany

R. Salazar, B. Turner

010

MLH1 loss as secondary hit, a pan-cancer analysis of The Cancer Genome Atlas (TCGA) data

Simon Burgermeister, Switzerland

L. De Leval, E. Missiaglia

011

Hereditary cancer syndromes in Moscow patients with malignant neoplasms: WGS projekt results

Mariya Byakhova, Russia

M. Makarova, A. Semenova, M. Nemtsova, D. Chervnevskiy, O. Sagaydak, M. Belenikin, N. Bodunova, A. Danishevich, I. Khatkov, D. Kanner, A. Shabunin, D. Protsenko, V. Galkin, S. Gadzhieva

012

Intra-tumour heterogeneity: demonstrating the importance of robust tissue validation for use in External Quality Assessment (EQA)

Melanie Cheetham, United Kingdom

N. Wolstenholme, S. Patton

013

KRAS-mutated non-squamous non-small cell lung cancer. Comprehensive analysis of co-mutations and PDL1-expression

Victor Cristóbal Redondo, Spain

V. Pedrero Castillo, R. Roca, S. Ortuño, N. Martínez-Banaclocha, C. Alenda González, I. Aranda López

014

Retrospective assessment of the usefulness of comprehensive genomic analysis for identifying targetable therapeutic options for solid tumours

Anna Beáta Csepregi, Hungary

Z. Melegh, L. Báthory-Fülöp, T. Strausz, M. Szőke, Z. Kürönya, E. Soós, E. Tóth

015

mRNA gene-based models fail to predict breast cancer metastases to axillary lymph nodes: a negative study

Leslie Dalton, USA

016

Molecular genotyping on liquid biopsies for assessment of resistance mechanisms to osimertinib in patients with EGFR-mutated non-small-cell lung cancer

Irina Demidova, Russia

A. Barinov, A. Gorokhov, E. Reutova, F. Moiseenko, K. Laktionov

017

Spatial characterization of CD8+ tumour infiltrating lymphocytes in homologous recombination deficient and proficient high-grade ovarian carcinomas

Eduard Dorca, Spain

S. Villatoro, A. Vidal, X. Matias-Guiu, M. Vaquero

018

Molecular diagnostics of undifferentiated round cell sarcomas

Alexander Druy, Russia

A. Panferova, I. Sidorov, D. Konovalov

019

Prevalence and clinicopathologic features of driver mutations in follicular nodular disease

Matteo Errani, Italy

L. Cardisciani, F. Chiarucci, E. Solaroli, A. Repaci, S. Coluccelli, T. Maloberti, A. De Leo, D. de Biase, G. Tallini

020

Subclassification of atypical spitzoid tumours using a diagnostic algorithm based on the methylation status

Jose Francisco González-Muñoz, Spain

B. Sánchez-Sendra, C. Monteagudo

021

Prevalence of MTAP deficiency in human cancer: a tissue microarray study on 17,078 cancers from 149 different tumour types

Natalia Gorbokon, Germany

K. Teljuk, N. Schraps, K. Möller, S. Büyücek, M. Lennartz, F. Viehweger, C. Fraune, C. Bernreuther, S. Steurer, R. Simon, G. Sauter, F. Lutz, T. Clauditz, M. Kluth

022

The usefulness of NGS in the treatment of cholangiocarcinomas: our experience

David Guerrero, Spain

I. Amat, M. Mercado, R. Beloqui, I. Fernández De Los Reyes, L. Jiménez-Goñi, A. Córdoba

023

Clinicopathological characteristics and genotypes of MUTYH mutated colorectal cancer patients in the Turkish population

Ismail Guzelis, Turkey

A. Subasioglu, A. Akder Sari

024

Differential expression PSMD10 gene mRNA in liver tissue and blood plasma of patients with cirrhosis and hepatocellular carcinoma

Mikheil Jangavadze, Georgia

Z. Bedinashvili, N. Goishvili, K. Tsomaia, I. Khakhutaishvili, I. Kirvalidze

025

Detection of neurofibromatosis type 1 mosaicism: the Erasmus MC, Rotterdam experience

Esther Korpershoek, The Netherlands

R. van Minkelen, S. van Dijk, L. Elemans, L. Meerstein-Kessel, T. van Ham, M. Nellist, E. Dubbink, M. van Vliet, W. Taal, Y. van Ierland

026

Next-Generation Sequencing (NGS) for lung squamous cell carcinoma (LSCC): insights from a pilot study performed at a Portuguese university hospital centre

Nuno Jorge Lamas, Portugal

C. Vilasboas, T. Santos, X. Wen, J. Vizcaíno, F. Costa

027

Prevalence of CA19-9 (Sialyl-Lewis A) antigen expression in human cancers: a TMA study involving 7,827 tumours from 73 human tumour categories

Katharina Moeller, Germany

N. Schraps, S. Steurer, F. Viehweger, N. Gorbokon, M. Kluth, T. Clauditz, S. Büyücek, R. Simon, G. Sauter, F. Lutz, M. Lennartz, M. Freytag

028

P-PROFILER: refining criteria for homologous recombination deficiency (HRD) in pancreatic ductal adenocarcinoma (PDAC)

Nicole Pfarr, Germany

C. Kling, M. Koppermann, E. Mayr, K. Merkl, A. Jacob, A. Terron Kwiatkowski, A. Muckenhuber, Q. Heiss, Y. Wagner, M. Walker, S. Chakraborty, K. Schwamborn, M. Quante, S. Lange

029

Exploring the synergistic role of BRAF, NRAS and TERT promoter mutations in papillary carcinoma thyroid: insights into immune microenvironment dynamics through PD-L1 and PD-1 analysis

Chanchal Rana, India

I. Makkar, P. Ramakant

030

Validation of the OncoDEEP kit comprehensive genomic panel on the MGI chemistry

Sebastien Sauvage, Belgium

S. Lefevre, K. Ashour Garrido, J. Hong, A. Terradez, K. Eycken, J. Vanbellinghen

031
Refining MRD assessment in CLL patients: validating and testing of an NGS-based method
Shlomo Tsuriei, Israel
V. Hannes, Y. Bornstein, Y. Harishanu, D. Hershkovitz

003
Occupational interstitial lung diseases: what is it, why is it important, and when should I think of it?
Rahma Ayadi, Tunisia
R. Yaiche, E. Braham, I. El Hadhri, I. Bouassida, M. Affes, O. Ismail, B. Hamdi, A. Ayadi

033
Detection of FGFR3 mutations and fusions in bladder cancer samples: Comparison of the MODAPLEX FGFR panel with theascreen FGFR Kit
Rebekka Weissbach, Germany
R. Wirtz, A. Weber, T. Schubert, M. Waldner, E. Veltrup, R. Hake, S. Eidt, J. Graff, V. Grunwald, T. Ecke

004
Nuclear texture and size are good differentiators between adenocarcinoma and squamous cell carcinoma of the lung
Amit Bloomberg, Israel
D. Hershkovitz, S. Tsuriei, R. Hagage, J. Brazowski

034
The Idylla™ IDH1-2 Mutation Assay Kit demonstrates high sensitivity and specificity for detection of IDH mutational status in glioma
Louise Burke, Ireland
R. Werner, C. Hand, M. Jansen, L. Favre, S. Tran, R. Mertaniemi, T. Vaisanen, M. Linea, S. Truelsen, S. Mrabet-Dahbi, D. Salas Diaz, C. Teixido, N. Shelestovich, H. Tabibian-Keissar

005
Evaluation of changes after neoadjuvant therapy of lung cancer
Melih Çağlayan, Turkey
B. Yaman, K. Turhan, A. Veral, D. Nart

006
Real-world insights from France, Italy, Spain, and Austria for the investigation of common (exons 19, 21) and rare (exons 18, 20) EGFR mutations in lung cancer
Stefano Cheloni, France
X. Bustillo, L. Staehli, D. Constantin, G. Morales, S. Lima, L. de Visser, F. Hodeib, R. Dowlati

| PS-20 | Poster Session |
|--|-------------------|
| 09:30–10:30 | Poster Exhibition |
| Poster Session Pulmonary Pathology | |
| Chairs: <i>Izidor Kern, Slovenia</i> <i>Federica Pezzuto, Italy</i> | |

001
Lymph node dissection quality with new pathological criteria in oncologic surgery: does robotic-assisted surgery do better?
Adrien Deceuninck, France
P. Thiebaut, M. Bubenheim, S. Aguir, B. Bottet, A. Dujon, M. Couralet, J. Melki, M. Sarsam, J. Sabourin, F. Guisier, J. Baste, N. Piton

007
PD-L1 expression in driver-mutated metastatic non-small cell lung cancer
Vincent De Jager, The Netherlands
B. Cajiao Garcia, M. Hempenius, C. Kuijpers, L. van Kempen, E. Schuurung, A. van der Wekken, S. Willems

008
Predictive biomarker testing rates in patients with metastatic non-small cell lung cancer in the The Netherlands
Vincent De Jager, The Netherlands
B. Cajiao Garcia, C. Kuijpers, G. de Bock, W. Maas, W. Timens, L. van Kempen, A. van der Wekken, E. Schuurung, S. Willems

002
Lung cancer in Syria - a multicentre retrospective study
Deema Alshaar, Syrian Arab Republic

009

Exploratory evidence maps for the WHO Classification of Tumours 5th edition: tumours of the lung

Christine Giesen, France

R. Cierco Jimenez, J. del Águila Mejía, S. Armon, N. Myles, G. Goldman, F. Campbell, T. Lee, A. Bres, L. Bouanzi, I. Cree, D. Lokuhetty

010

MTAP deficiency closely correlates with p16 status in non-small cell lung cancer but is unrelated to tumour aggressiveness or patient prognosis

Natalia Gorbokon, Germany

K. Teljuk, N. Schraps, K. Möller, S. Büyücek, M. Lennartz, F. Viehweger, C. Fraune, C. Bernreuther, R. Simon, G. Sauter, F. Lutz, T. Clauditz, M. Kluth, S. Steurer

011

Evaluation of different grading systems among primary pulmonary adenocarcinomas: architectural grade combined with STAS is superior to others – a single centre study

Fanni Hegedus, Hungary

Z. Széll, N. Zombori-Tóth, J. Furák, T. Zombori

012

Analytical performance of a diagnostic immunohistochemical assay for MET protein (c-Met) in non-small cell lung cancer

Landon Inge, USA

B. Admire, T. Foutch, T. Landowski, M. Lopez-Schultz, K. Gordon, M. Kapdia, L. Zhang, A. Mistry, A. Hotson, S. Bheddah, M. Li, L. McKee

013

Tumour budding in lung squamous cell carcinoma: a single centre validation study comparing tumour budding assessment using conventional light microscopy and digital whole slide images

Mark Keyter, Switzerland

M. Maillard, S. Berezowska

014

mTOR pathway hyperactivation in POU2F3-positive primary and brain metastatic small cell lung carcinoma

Ildikó Krencz, Hungary

D. Sztankovics, F. Szalai, D. Moldvai, A. Sebestyén, J. Pápay

015

Ultrastructural changes of lung tissue under conditions of experimental obesity and smoking

Yuliia Kuzyk, Ukraine

O. Mazur

016

Challenging diagnosis of serious pulmonary fungal infections : report of 145 cases

Farah Loued, Tunisia

R. Ayadi, E. Brahem, R. Yaiche, B. Hamdi, O. Ismail, S. Ben Slama, A. Ayadi

017

Pathologic assessment of resected stage III non-small cell lung cancer after neoadjuvant chemotherapy: identification of new prognostic factors

Francesca Lunardi, Italy

A. Ferro, L. Vedovelli, S. Tzorakoleftheraki, C. De Chellis, F. Pezzuto, F. Fortarezza, M. Schiavon, F. Rea, G. Pasello, F. Calabrese

018

Enhancing idiopathic pulmonary fibrosis diagnosis and subtyping through multidisciplinary integration and a machine learning-based approach

Giuseppe Maggioni, Italy

F. Lunardi, F. Pezzuto, L. Vedovelli, C. Giraudo, E. Balestro, M. Schiavon, A. Fattori, A. Labani, M. Ohana, R. Kessler, S. Hirshi, M. Chenard, F. Rea, F. Calabrese

019

Lack of immunohistochemical orthopaedia homeobox protein (OTP) expression is associated with adverse outcome in pulmonary carcinoid tumour patients

Jenni Niinimäki, Finland

S. Mononen, T. Kaprio, J. Arola, T. Vesterinen

020
 SMARCA4 deficient non-small cell lung carcinoma: immunohistochemistry and molecular genetic study
Grigorii Raskin, Russia
 A. Fedorova, M. Mukhina, A. Druj, A. Chernev, L. Zavalishina

021
 YAP-1 expression in stromal cells could impact on chemoimmunotherapy efficacy in SCLC patients
Giovanna Sabella, Switzerland
 G. Centonze, E. Roca, M. Gentili, B. Bodini, A. Fabbri, D. Lorenzini, A. Mangogna, E. Tosoni, A. Cucinella, G. Pruneri, A. Santo, M. Milione

022
 Collagen V-induced nasal tolerance enhances lung tissue IL10, preventing alveolar damage in an experimental COPD model
Ana Paula Velosa, Brazil
 F. Santos Zambon Robertsoni, L. de Mendonça Oliveira, L. Keren Ramos da Silveira, Z. Jesus Queiroz, T. de Matos Lobo, S. de Moraes Fernandezian, C. Machado Baldavira, M. Notomi Sato, V. Capelozzi, F. Degobbi T Q S Lopes, W. Paganelli Rosolia Teodoro

023
 Effects of cumulative association resulting from different combinations of epithelial-mesenchymal transition proteins and clinical variables on NSCLC behaviour
Walcy Rosolia Teodoro, Brazil
 C. Machado Baldavira, T. Gutierrez Prieto, C. Silvério Faria, A. Ab'Saber, T. Takagaki, V. Capelozzi

024
 Collagen V a1 chain oral tolerance attenuates the lung fibrosis and vascular reactivity in systemic sclerosis model
Ana Paula Velosa, Brazil
 T. de Matos Lobo, Z. Jesus Queiroz, A. Dos Santos Filho, V. Rodrigues de Souza, J. Alves Almeida, S. de Moraes Fernandezian, C. Machado Baldavira, L. Keren Ramos da Silveira, S. Catanozi, W. Paganelli Rosolia Teodoro, V. Capelozzi

025
 Primary intrathoracic liposarcoma: an extremely rare malignant tumour involving the thorax
Rahma Yaiche, Tunisia
 R. Ayadi, E. Braham, I. El Hadhri, I. Bouassida, I. Mallek, O. Ismail, S. Ben Slama, A. Ayadi

PS-21 **Poster Session**
09:30 – 10:30 **Poster Exhibition**
Poster Session Thymic and Mediastinal Pathology
 Chair: **Wim Timens, The Netherlands**

001
 Micronodular thymoma with lymphoid stroma: an extremely rare subtype of thymic neoplasm
Rahma Ayadi, Tunisia
 I. El Hadhri, E. Braham, R. Yaiche, I. Bouassida, M. Affes, O. Ismail, S. Ben Slama, A. Ayadi

002
 Exploratory evidence maps for the WHO Classification of Tumours 5th edition for tumours of the thymus
Ramon Cierco Jimenez, France
 C. Giesen, J. del Águila Mejía, S. Armon, N. Myles, G. Goldman, F. Campbell, T. Lee, A. Bres, L. Bouanzi, I. Cree, D. Lokuhetty

▶ Wednesday, 11 September 2024

PS-22 Poster Session

09:30–10:30 Poster Exhibition

Poster Session CytopathologyChair: *Ivana Kholova, Finland***001**

Role of EBUS-TBNA of mediastinal lymph node in the diagnosis of silicosis

*Isil Bağcı, Turkey**E. Dündar, F. Alataş, P. Şener***002**

Thyroid fine needle aspiration cytology: validation of the 2024 RCPATH reporting guidelines in an independent United Kingdom tertiary centre cohort

*Jose Coelho Lima, United Kingdom**S. Appukutty, J. Chan, A. Duckworth, L. Heptinstall, N. Patel, M. O'Donovan, A. Marker***003**

Worrisome features in thyroid FNAC – malignancy not confirmed. Bethesda V cases revisited

*Jaroslava Dušková, Czech Republic**J. Jiskra, J. Kovářik, D. Nováková Kodetová***005**

Endoscopic ultrasound-guided fine needle aspiration of pancreatic neuroendocrine tumours and impact of rapid on-site evaluation: single centre experience

*Irem Guvendir, Turkey**O. Sahin, I. Zemheri***006**

Usefulness of pancreatic fine needle aspiration – a comparison with histological diagnosis using the new WHO reporting system, a tertiary centre experience

*Joao Martins Gama, Portugal**C. Courelas, J. Pimentel, A. Alves, G. Fernandes, M. Cipriano***007**

Comparison of cytoplasmic and nuclear expression loss of MTAP immunohistochemistry in pleural effusion cytologies and correlation with homozygous deletion of p16/CDKN2A

*Osman Furkan Mülkem, Turkey**N. Şeker, E. Tekin, G. Ak, M. Metintaş, S. Metintaş, E. Dündar***008**

Assessment of HPV vaccination status and its relationship with HPV-associated lesions in young women

*Carolina Padrão, Portugal**J. Tinoco, C. Ribeiro, A. Ferreira, M. Gasparinho***009**

Malignancy rates for Bethesda III-IV thyroid nodules: a single institution retrospective study of the correlation between fine-needle aspiration cytology and histopathology

*Marta Rezola, Spain**P. Aguirre, D. Ugas, I. Bernal, Y. Rodriguez, J. Comba, A. Ordoñez, S. De Burgos, A.**Val-Carreres, M. Carrillo, M. Hidalgo, I. Ruiz***PS-23** Poster Session

09:30–10:30 Poster Exhibition

Poster Session Pathology in Favour of Developing CountriesChair: *Giulia De Falco, United Kingdom***001**

Diagnostic value of neutrophil lymphocyte ratio, platelet lymphocyte ratio and systemic immune-inflammation index in prostate cancer

*Alyssa Camille Ablaza, Philippines**A. Asanion***002**

Survey-based evaluation of pathology services within Romania's healthcare system

*Maria Magdalena Köteles, Romania**G. Olteanu***003**

Clinical and pathological features of fusion oncogene associate papillary thyroid cancer of China

*Houqiang Li, China***004**

Primary effusion lymphoma: a clinicopathologic study from an HIV/AIDS endemic province of South Africa

*Gamalenkosi Bonginkosi Nhlonzi, South Africa**N. Moagi, A. Mwazha*

005
Assessment of Ki 67 proliferative index in breast cancer tissue using visual scoring android application by IKWG – a closer step to better analytic validity?

Nidhi Radhakrishnan, India
P. Kasukurti, S. Naskar, S. Kamath, C. Wilfred, M. S R

006
Cervical cytopathology insights in underserved communities: perspectives from a humanitarian initiative in Cabo Verde

Wilma Salgado, Portugal
R. Luís

007
Diagnostic utility of TRPS1 and GATA3 antibodies in various metastatic and primary tumour entities of breast and non-breast origins

Hulya Sahin Ozkan, Turkey
Ç. Çelikel, H. Kaya

PS-24 **Poster Session**
09:30–10:30 **Poster Exhibition**
Poster Session Digestive Diseases
Pathology - GI
Chairs: Stefano La Rosa, Italy
Paula Borralho-Nunes, Portugal

001
Spectrum of appendiceal neoplastic lesions: an institutional review

Sagir Akhtar, India
R. Yadav, P. Das, S. Rawat, M. Ray, H. Bhattacharjee, K. Kataria, R. Panwar

002
Lymph node threshold in colorectal cancer: surgeons' perspectives and practices

Berk Kaan Aktas, Turkey
N. Padmanabha, Y. Chornekyy, O. Yilmaz

003
Ultra-short coeliac disease: "proximate" biopsy is required for "ultimate" explanation

Ahmet Ramazan Akur, Turkey
E. Kozan, C. Kırşaçlıoğlu, Z. Kuloğlu, A. Akpınar, B. Savaş, A. Kansu Tanca, A. Soykan, A. Ensari

004
Exploring the prognostic value of blood cell ratios and C-reactive protein in gastric cancer: insights into molecular subtypes and tumour immune microenvironment

João Carlos Almeida, Portugal
A. Bravo, J. Silva, D. Marques, C. Neto do Nascimento, X. Wen, L. Mascarenhas-Lemos, M. Cravo, F. Carneiro, I. Gullo

005
Predictors of neoplastic progression in gastroesophageal lesions indefinite for dysplasia

Valentina Angerilli, Italy
F. Galuppini, S. Brignola, G. Businello, B. Filippin, G. Pennelli, V. Guzzardo, J. Gasparello, P. Parente, A. Dei Tos, S. Realdon, A. Fantin, E. Savarino, M. Fassan

006
Expression and prognostic value of PD-1 and PD-L1 in colorectal carcinoma

Rania Aouadi, Tunisia
I. Helal, F. Khanchel, R. Hedhli, E. Ben Brahim, R. Jouini, A. Chadli Debliche

007
Dysplasia in IBD: obvious and not so obvious

Asya Tugçe Bol, Turkey
E. Gedik, B. Savaş, A. Ensari

008
Immune microenvironment in rectal adenocarcinoma after chemoradiation therapy

Weibiao Cao, USA
M. Omer, D. Yang

009
Utility of cutting deeper levels on endoscopically-observed polyps that display no histologic correlates on initial sections

Juliana Castellano, USA
V. Jones, L. Vaickus, A. Suriawinata, M. Lisovsky, B. Ren

010
Increased expression of RPS4X and RPL31 in hepatic metastasis of primary left-sided colon cancer

Mee Soo Chang, Republic of Korea
H. Park, S. Byeon, E. Shin

011

Neutrophil-to-lymphocyte ratio is an effective and sensitive predictive maker of early appendiceal perforation in acute appendicitis

Lina Chen, Canada

J. Bao, F. Chen, J. Ding, T. Zhu, Q. Chen

012

Mucosal healing in ulcerative colitis - helpers versus toxic lymphocyte cells

Andrei Coman, Romania

L. Dragostin, A. Vilaia, M. State, C. Popp, L. Nichita, M. Cioplea

013

Medullary carcinomas of the non-ampullary small intestine: association with coeliac disease, mismatch repair deficiency, programmed death-ligand 1 expression, and favourable prognosis

Giuseppe De Lisi, Italy

C. Guerini, C. Klersy, F. Grillo, G. Nesi, G. Arpa, E. Quaquarini, D. Furlan, M. Fassan, P. Parente, M. Paulli, S. La Rosa, A. Di Sabatino, A. Vanoli

014

Metaplastic oxyntic mucosa in autoimmune gastritis: a complex lesion without apparent precancerous features of intestinal type

Patricia S. Driva, Greece

S. Sakellariou, E. Theochari, G. Gadetsakis, N. Kavantzias, I. Delladetsima

015

Implementation of the IBD-DCA for ulcerative colitis: a single institution experience

David Egong, Ireland

M. Hanly, E. McGrath, M. Cotter, G. Cullen, J. Sheridan, G. Doherty, K. Sheahan

016

Venous invasion detection in colorectal cancer resections: is routine elastic stain cost effective?

Aya Elmahs, United Kingdom

M. Avery, M. Elgoweini

017

Error rates in colonic biopsy reporting

Harriet Evans, United Kingdom

D. Snead

018

Assessment of pathological lymph nodes response to neoadjuvant therapy in locally advanced colorectal carcinomas

Lucía Fernández Ariati, Spain

Á. López-Janeiro, J. Arredondo Chaves, E. Miraval Wong

019

Tumour regression grading scores are not associated with regression of the lymph node metastases in patients with oesophagogastric adenocarcinoma after neoadjuvant chemotherapy

Chryssoula Glava, Greece

I. Nikolopoulos, S. Smparounis, D. Riga, M. Theochari, P. Papakostas, F. Seretis, N. Memos, T. Triantafyllou, D. Theodorou, G. Kafiri

020

Gastrointestinal stromal tumours presenting as a synchronous or metachronous tumour

Claudia Andrea Gomez Gonzalez, Turkey

B. Doganavsargil, M. Sezak, M. Calik, O. Bozbiyik, T. Akalin

021

Clinicopathological and molecular features of genome stable-like colorectal cancers

Gyeong-Hoon Kang, Republic of Korea

L. Jin, H. Jin, Y. Kim, N. Cho, J. Bae, J. Kim

022

Clinicopathological spectrum of primary anorectal mucosal melanoma: a proposal for survival-prognostic model based on 66 resected cases

Rajiv Kaushal, India

S. Yadav, T. Agarwal, M. Bal, K. Deodhar, M. Ramadwar, A. Saklani

023

Performance evaluation of a deep learning-based, real-time gastric cancer detection system through confocal laser endomicroscopy

Seokhwi Kim, Republic of Korea

H. Cho, D. Moon, S. Heo, J. Chu, H. Bae, S. Choi, Y. Jo, K. Hwang, H. Choi

024

The role of S100A4, α -SMA, and fibroblast markers in depicting the tumour microenvironment in stage-III colorectal cancers

Kadir Kolcak, Turkey

M. Tekin, Ç. Çelikel

025

Quantitative real-time PCR for detection of *Helicobacter pylori* and its clarithromycin resistance from gastric biopsies - when the negative can be turned positive

Gábor Lotz, Hungary

A. Biró, A. Kurucz, Á. Jakab, I. Szirtes, G. Buzás, V. Papp, A. Szijártó, A. Kiss, É. Kocsmár

027

Multiplex immunohistochemistry analysis of CTLA4, PD-L1, LAG3 and tumour microenvironment components in relation to MMR status in colorectal carcinoma

Sergei Naumov, Russia

N. Krakhmal, S. Vtorushin

028

Artificial Intelligence (AI)-powered tertiary lymphoid structures recognition on hematoxylin and eosin slides

Garazi Serna, Spain

P. Nuciforo, J. Ros, X. Guardia, R. Fasani, S. Mauchanski, F. Gallego, J. Jimenez, E. Elez

029

GNAS mutation induces increased invasiveness in colorectal cancer cells, which can be suppressed by phosphodiesterase 4 inhibitors

Pirjo Nummela, Finland

S. Zafar, A. Ganesan, I. Ukkola, A. Ayo, W. Wahbi, E. Naakka, P. Laakkonen, T. Salo, A. Ristimäki

030

PD-L1 expression correlates with epithelial-to-mesenchymal transition (EMT) and exhibits improved prognostic outcomes in microsatellite stable colorectal cancer (MSS-CRC)

Brenda Palomar De Lucas, Spain

N. Tarazona, F. Gimeno-Valiente, J. González-Muñoz, M. Huerta, D. Moro, A. Cervantes, C. Martínez Ciarpaglini

031

Digital evaluation of intratumoural lymphocytic infiltrate profile in microsatellite instable colorectal carcinomas: does the lost protein matter?

Cecilia Perello-Fabregat, Spain

M. Sant, J. Linares, N. Mulet, P. Osorio, G. Martín-Small, K. Matute-Molina, I. Beleña, M. Jimeno

032

Immunohistochemical assessment of tumour budding in stage II colon cancer – Bd0 as a prognostic marker

Maria Pihlmann Kristensen, Denmark

U. Korsgaard, S. Timm, T. Frøstrup Hansen, I. Zlobec, S. Kjær-Frifeldt, H. Hager

033

(Phospho)Proteomic analysis reveals vulnerabilities in refractory metastatic colorectal cancer

Salvatore Piscuoglio, Italy

M. Marinucci, G. Boot, M. Lazzari, C. Esposito, C. Ng, L. Terracciano, O. Kollmar

034

A rare subset of colorectal carcinomas with microsatellite instability and KRAS mutations

Jean-Christophe Sabourin, France

E. Rabaux, J. Grosjean, F. Marguet, A. Lamy

035

Effectiveness of upper endoscopic screening in patients with head and neck neoplasia – results from a prospective cohort study

Maria Luísa Sacramento, Portugal

M. Brito, B. Marinho, J. Afonso, F. Carneiro, R. Morais, I. Gullo

036

Relevance of the new tumour budding Bd0 category in pT1 colorectal carcinomas

Karmelee Saez De Gordo, Spain

M. Rodrigo, I. Archilla, M. Daga-Alvarez, J. Aguirre, L. Alarcón-Molero, M. Cámara Jurado, C. González-Lois, I. Machado, C. Martínez-Ciarpaglini, D. Naranjo, N. Papaleo, M. Pellisé, M. Cuatrecasas Freixas, o. EpiT1 Consortium

038

Microsatellite instability in gastric precancerous lesions

Mariya Stepanchenko, Russia

A. Shimanskaya, A. Kononov, S. Mozgovoi, V. Rubtsov, M. Parygina, E. Pomorgailo

039

Improvements of diagnostic approach of gastric epithelial dysplasia via implementation decision support system with immunohistochemical markers

Mariya Stepanchenko, Russia

S. Mozgovoï, A. Kononov, A. Shimanskaya, M. Parygina

040

Temporal shifts in gastric cancer dynamics: time series analysis (pre-pandemic and pandemic) in a county hospital in Western Romania

Iuliana-Anamaria Traila, Romania

M. Marasescu, A. Muresan, R. Cornea, C. Suciu, A. Dema, D. Szilagyi, C. Lazureanu, M. Cornianu, S. Taban, A. Vaduva

041

Robust prognostic signature in colon cancer by studying ectopically expressed genes using machine learning

S  verine Valmary-Degano, France

A. Spinelli, A. Vitte, F. Chuffart, M. Laverri  re, J. Abba, S. Rousseaux, S. Khochbin, E. Bourova-Flin

042

Impact of extending the original criteria in the chemoradiotherapy for oesophageal cancer followed by surgery study (CROSS) regimen on treatment outcome in locally advanced oesophageal cancer (EC) patients

Helena Wang, The Netherlands

R. Verhoeven, V. Oppedijk, I. Nolte, B. van Etten, G. Hospers, J. Plukker, G. Kats-Ugurlu

043

Prognostic significance of tumour budding and desmoplastic reaction in patients with pancreaticobiliary subtype ampullary adenocarcinoma: a preliminary study

Aysen Yavuz, Turkey

K. Karaca, M.   elik, C. Ba şorgun, G. Elpek

PS-25

Poster Session

09:30–10:30

Poster Exhibition

Poster Session Infectious Diseases
Pathology

Chair: **Gregor Gorkiewicz, Austria**

001

Utility of PCR-hybridization based technique in the detection and typing of Mycobacteria species in pathology biopsies

Rosa Irene Alvarado Cuenca, Spain

L. Ortega Comunian, L. Aguirrezabal Marcotegui, I. Fernandez de la Prieta, I. Menendez Lora, M. Perez Vilanova, M. Etxezarraga Zuluaga, C. Valenti Ponsa, A. Gaafar Eleraky

002

Cutaneous leishmaniasis: a Tunisian healthcare problem

Lobna Bouzidi, Tunisia

S. Makni, M. Zghal, C. Chaari, T. Sellami Boudawara, S. Graja

003

SARS-COV-2 in pets: an epidemiological, clinical, and laboratory study in veterinary clinics of a Northeastern region of Brazil

Juliana Carneiro Melo, Brazil

S. Samuel Feitosa Machado, F. Maria Soares de Sampaio, J. Ferreira de Andrade, I. Rodrigues de Lima Cruz, A. Alencar Coelho, A. Maria Ara  jo Silva, T. Ribeiro Moraes, D. de Andrade Amorim, M. Maria Felipe Gir  o, W. Natalia Santos Maciel, E. Mares Ferreira Feitosa, H. Felipe Nogueira De Carvalho, M. do Socorro Vieira dos Santos, C. Gleidiston Lima da Silva

005

Peripheral virus distribution in patients with fatal Borna encephalitis points possible alternative clinical presentations - a case report series

Przemyslaw Grochowski, Germany

N. Jungb  ck, T. Schaller, F. Lippek, J. Schlegel, B. M  rkl, F. Liesche-Starnecker

006

Learning from loss: a four-year (2020-2024) analysis of COVID-19 mortality in a Romanian infectious diseases hospital

Maria Magdalena K  teles, Romania

D. Lay, G. Olteanu

007

The first wave of COVID-19 in Slovakia – clinicopathological correlation

Lucia Krivosikova, Slovakia

M. Palkovic, P. Janega, P. Babal

008

Emerging trends in human pulmonary dirofilariasis: a case series from Hungary

Levente Kuthi, Hungary

T. Zombori, L. Tiszlavicz, F. Hegedus, S. Almási, B. Baráth, M. Almakrami, M. Jamal EJ, N. Barta, Z. Ujjfaludi, T. Pankotai, A. Hajdu, J. Furák, A. Sejben

009

Assessment of toll-like receptor 9 expression in immune cells in lung tissue from patients with drug-resistant tuberculosis

Petro Kuzyk, Ukraine

S. Gychka, S. Nikolaienko

010

Modified auramine-rhodamine stain contribution to identify mycobacterium tuberculosis

Leonor Ruivo, Portugal

M. Pinho Fialho, H. Silva Santos, J. Almeida Tavares, C. Ferreira

011

Effects of COVID-19 vaccine and/or infection on COVID-19 expression in skin biopsies

Yasemin Yuyucu Karabulut, Turkey

N. Bolatt

| PS-26 | Poster Session |
|---|-------------------|
| 09:30–10:30 | Poster Exhibition |
| Poster Session Ophthalmic Pathology | |
| Chairs: Luciane Dreher-Irion, United Kingdom | |

002

Corneal dystrophies: twenty years' experience

Marta De Uribe Viloria, Spain

V. Macarrón, E. Sánchez López, S. Quinones, E. Ruiz-Bravo

003

Anatomopathological perspectives on ocular coloboma: unravelling associations with ocular and syndromic alterations

Marta De Uribe Viloria, Spain

S. Quinones, G. Escuer-Albero, I. Esteban-Rodríguez, R. Regojo, E. Ruiz-Bravo

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PS-27 Poster Session

09:30–10:30 Poster Exhibition

Poster Session Urothology*Chairs: Felix Bremmer, Germany
Gabriella Nesi, Italy***003**

Multiparameter cell-cycle measurement enables a better assessment of cancer aggressiveness in urothelial bladder cancer than Ki67 LI alone

Elena Bady, Germany

J. Müller, L. Hornsteiner, S. Elezkurtaj, F. Roßner, S. Schallenberg, A. Marx, M. Fisch, M. Slojewski, S. Hallmann, S. Koch, N. Adamini, G. Sauter, H. Zecha, T. Schlomm

004

Prognostic value of tumour-infiltrating lymphocytes in muscle-invasive urothelial bladder carcinomas

Yasmine Ben Romdhane, Tunisia

Z. Lajmi, A. Bdioui, A. Mahmoudi, M. Krifa, S. Mestiri, S. Hmissa

005

The comparison of prevalence and location of positive surgical margin positivity in prostate cancer patients undergoing open, laparoscopic, and DaVinci robot-assisted radical prostatectomy

Jedrzej Borowczak, Poland

M. Maniewski, Ł. Szyłberg

006

Insights into testicular tumours: a two-decade journey at a single-institution

Ana Canastra, Portugal

C. Albuquerque, D. Gonçalves

008

A new technology for real-time intraoperative detection of tunica muscularis in transurethral resection of bladder tumour (TURBT): how to avoid second-look for low grade urothelial carcinoma

Miriam Cieri, Italy

S. Moretto, R. Contieri, G. Elefante, L. Terracciano, G. Lughezzani, R. Hurlle, N. Buffi, P. Colombo

009

The role of epithelial-mesenchymal transition in venous invasion of clear cell renal cell carcinoma

Tanja Cugura, Slovenia

E. Boštjančič, J. Jeruc

010

Can pattern of invasion along with depth of invasion be predictors of lymph node metastasis in penile squamous cell carcinoma?

Debasmita Das, India

B. Rao, M. Pasam, S. Indulkar, S. Kodandapani, R. Sharma, S. Jain, S. Thammineedi

011

Programmed cell-death ligand 1 (PD-L1) expression and analysis of microsatellite instability/ DNA mismatch repair (MSI/ MMR) status in penile squamous cell carcinoma (PC)

Debasmita Das, India

B. Rao, M. Pasam, S. Indulkar, S. Kodandapani, R. Sharma, S. Thammineedi

012

Histological subtypes and divergent differentiation of urothelial carcinoma across molecular subtypes in bladder cancer: a study from the VESPER trial

Jacqueline Fontugne, France

C. Krucker, C. Groeneveld, V. Harter, F. Radvanyi, S. Culine, C. Pfister, Y. Allory

013

Molecular characterization and identification of molecular signatures that correlate with response to immunotherapy in metastatic renal cell carcinoma scenario

Francesca Galuppini, Italy

S. Rebuzzi, G. Fornarini, G. Crudele, F. Schiavi, A. Caliò, G. Martignoni, A. Dei Tos, M. Brunelli

014

Regressed (burnt-out) germ cell tumour of the testis - a retrospective study of two hospitals for almost four decades

Pilar González-Peramato, Spain

B. Popescu, V. Maçarrón, E. García Fernandez

015

KDM6A expression loss is a common feature in low-grade non-invasive urothelial carcinomas of the urinary bladder

Natalia Gorbokon, Germany

F. Viehweger, H. Plage, M. Lennartz, N. Schraps, T. Mandelkow, E. Bady, A. Marx, H. Samtleben, R. Simon, G. Sauter, T. Schlomm, H. Zecha, M. Kluth, S. Minner

016

Loss of MTAP expression is highly homogeneous and linked to homozygous 9p21 deletion and unfavourable tumour phenotype in urothelial bladder cancer

Natalia Gorbokon, Germany

N. Wößner, N. Schraps, M. Fisch, M. Słojewski, T. Ecke, S. Koch, S. Minner, R. Simon, J. Weischenfeldt, G. Sauter, T. Schlomm, D. Horst, L. Bubendorf, M. Kluth

017

HER2 and CDK12 expression in muscle invasive bladder cancer: correlation with grade, subtype and survival

Bilge Günay Gülen, Turkey

B. Sarsık Kumbaracı, I. Durusoy Onmuş, F. Kızılay, E. Güler, A. Gülen, S. Sen

018

Comparison of a modified staging system with 8th edition AJCC criteria in a North American cohort of pT2/pT3 HPV-negative penile squamous cell carcinoma

Sounak Gupta, USA

B. Tekin, A. Salı, S. Menon, J. Cheville, C. Smith, S. Jenkins, S. Dasari, A. Cubilla, R. Whaley, L. Herrera Hernandez, R. Jimenez, L. Pagliaro, L. Erickson, R. Guo

019

Fluorescence confocal microscopy for the pathological evaluation of radical prostatectomy margins

Mariia Ivanova, Italy

S. Luzzago, F. Mistretta, G. Vago, G. Pravettoni, O. Pala, D. Lepanto, D. Bottero, G. Marvaso, G. Petralia, B. Jereczek-Fossa, O. De Cobelli, G. Renne, N. Fusco, G. Musi

020

NGS testing practices and molecular profiles of BRCA1/2 in prostate cancer: real-world insights from France, Italy, Spain, and Austria

Adrian Janiszewski, Switzerland

D. Roche, X. Bustillo, A. Agarwal, D. Constantin, G. Morales, S. Lima, L. de Visser, F. Hodeib, R. Dowlati

021

Application of an artificial intelligence algorithm for prostate cancer detection and Gleason grading in prostate biopsies: experience of Rennes University Hospital in France

Solène-Florence Kammerer-Jacquet, France

G. Sebag, C. Despax, N. Rioux-Leclercq

022

Risk stratification of urine cytology specimens using The Paris System (TPS2): an institutional experience from a tertiary care centre

Seema Kaushal, India

H. Jangir, A. Narwal, S. Adhikari, B. Nayak, A. Seth

023

Unsupervised nuclei classification in non-muscle-invasive bladder cancer

Maximilian Koeller, Austria

L. Zikken, J. Klaeger, G. Wasinger, C. Kaltenecker, A. Oszwald, E. Comperat

025

High stromal CD39 expression is a strong prognostic factor for longer survival in = pT2 urothelial bladder cancer

Stephan Ledderose, Germany

S. Rodler, L. Eismann, F. Klauschen, M. Rudelius, A. Sendelhofert, C. Ledderose

026

Analysis of MicroRNA-371-373 in low grade gliomatous tumours of germ cell tumour origin supports biological similarities to teratoma

João Lobo, Portugal

N. Tavares, C. Jerónimo, R. Henrique, T. Ulbright, A. Acosta

027

Validation of FGFR3 immunohistochemistry as a predictor of FGFR3 genetic alterations in urothelial carcinoma

Ricardo López Del Campo, Spain

C. Mercader, R. Calderon, J. Albaiges, L. Ferrer-Mileo, I. Ribera-Cortada, I. Trias, A. Vilaseca, L. Rodríguez-Carunchio

028

Glycoprotein non-metastatic B expression in renal cell carcinoma with leiomyomatous stroma

Stefano Marletta, Italy

A. Calìò, M. Brunelli, L. Marcolini, L. Stefanizzi, G. Martignoni

030

Bright-field multiplex immunohistochemical analysis of tumour microenvironment (TME) in embryonal carcinoma

Sofia Melotti, Italy

V. Tateo, F. Ambrosi, F. Giunchi, F. Vasuri, A. Grillini, E. Franchini, F. Massari, V. Mollica, F. Mineo Bianchi, M. Colecchia, A. Acosta, J. Lobo, M. Fiorentino, C. Ricci

031

Effects of Brazilian berry (*Myrciaria jateobocaba*) peel extract in castration-resistant prostate cancer (CRPC): lobe-specific histopathological responses in the TRAMP model and in vitro evaluation of human tumour cell lines

Fabio Montico, Brazil

J. Souza Gianchetto, F. Schievano, P. Felix da Silva, F. Rabelo Santos, I. Lopes Lemos, M. Maróstica Júnior, V. Alves Cagnon

032

FGFR alterations in a contemporary real-world cohort of advanced or metastatic urothelial carcinoma

Ngoc-Nhu Jennifer Nguyen, Canada

E. Olkhov-Mitsel, K. Craddock, M. Downes

034

Review of outcomes in patients with Gleason score 3+4 and =10% pattern 4 in prostate cancer biopsies at a tertiary care centre

Nilay Sah, United Kingdom

A. Haider, I. Cutforth, A. Freeman, L. Dickinson, F. Giganti, B. Lamb, A. Woernle, A. Mitra

035

Comprehensive genomic profiling and immunohistochemical analysis of prepubertal-type testicular neuroendocrine tumours in postpubertal patients reveal a possible relationship with small intestinal neuroendocrine tumours

Luca Szalai, Hungary

M. Leiner, E. Tóth, K. Bíró, M. Gallai Rubovszkyné, Z. Melegh

036

Spatial transcriptome analysis of intraductal carcinoma of prostate

Toyonori Tsuzuki, Japan

T. Takahara

037

Defining epigenetic biomarkers of aggressive prostate cancer

Vasiliki Tzelepi, Greece

S. Logotheti, K. Mesiakaris, E. Kontogianni, M. Estecio, R. Soundararajan, P. Shepherd, K. Lazaros, A. Vrahatis, C. Logothetis, A. Aparicio

038

Primary neuroendocrine carcinoma of the prostate: a case series

Vasiliki Tzelepi, Greece

E. Panopoulou, E. Kontogianni, K. Mesiakaris, S. Kontogiannis, V. Zolota, S. Logotheti

039

Expression patterns of TIGIT and LAG-3 immune regulation receptors across molecular subtypes of muscle-invasive bladder cancer

Monika Ulamec, Croatia

S. Sujitwanit, M. Knežević, S. Mašić, I. Tomaskovic, B. Kruslin

040

Clinical impact and implications of next generation sequencing for identification of BRCA mutations in Metastatic Prostate Cancer (mPCa)

Simona Vatrano, Italy

N. Vella, C. Alario, A. Chiarandà, C. Taranto, R. Scillieri, C. Mauceri, P. Pepe, F. Fraggetta

042

Malignant penile resections in a specialist referral centre - a case series and review of the literature

Lynsey Williams, United Kingdom

A. Vargiamidou

041

Evaluation of radical prostatectomy margins with surface imaging nonlinear microscopy

Timothy Weber, USA

A. Estevez, T. St Jacques, R. Dsouza, J. Sun,

G. Nieto Blanco, S. Duncan, H. Cui, M.

Andreana, B. Gershman, P. Chang, A.

Wagner, S. Rosen, J. Fujimoto, Y. Sun

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Best Poster Sessions

The best posters of each topic will be presented during the afternoon coffee break (16:45–17:15 Sunday–Monday, 13:15–13:45 and 16:00–16:30 on Wednesday in the Spadolini Pavilion at the E-Poster Terminals (Spadolini Upper Floor).

► E-Posters

E-Posters can be searched for and viewed electronically on the E-Poster Terminals located in the Spadolini Pavilion of Fortezza da Basso from Sunday, 8 to Wednesday, 11 September 2024.

▶ Sunday, 8 September 2024

E-PS-01

E-Posters

Autopsy Pathology

- 001**
Digital forensic histopathology whole-slide images library value in cardiomyopathies spectrum education
Cornelia Amalinei, Romania
A. Timofte, I. Caruntu, S. Giușcă, R. Balan, E. Avădănei, L. Lozneau, A. Rusu, M. Chifu, A. Grigoras
- 002**
Microscopic findings in incidental calcified tumour-like lesions in forensic pathology
Cornelia Amalinei, Romania
L. Riscanu, B. Ioan, A. Grigoras
- 003**
Significance of solid and cystic benign renal lesions incidentally discovered in autopsy
Cornelia Amalinei, Romania
L. Riscanu, T. Balan, S. Giușcă, I. Caruntu, A. Grigoras
- 004**
Air embolism due to atrio-oesophageal fistula following catheter ablation: a case report
João Amaral, Portugal
J. Pimentel, R. Almeida, M. Cipriano
- 005**
Novel use of simulation in autopsy training for pathologists
Robert Farrell, Ireland
A. Stanley, K. Culligan, R. Cooney, D. Byrne, L. Aalto, S. Phelan
- 006**
Clinico-morphological peculiarities in cases of deaths induced by methadone toxicity
Daria Gorelova, Russia
O. Reshetnikova, A. Ermakov, A. Mokhova
- 007**
Histopathologic peculiarities of kidneys in cases of methadone-mediated fatalities
Daria Gorelova, Russia
O. Reshetnikova, E. Romanova, A. Ermakov
- 008**
Histopathological features of a liver damage caused by methadone toxicity
Daria Gorelova, Russia
O. Reshetnikova, E. Romanova, A. Ermakov
- 009**
Clinically unrecognized tuberculosis sepsis – autopsy case report
Radmila Jankovic, Serbia
I. Filipović, M. Jovanović, M. Đuknić, J. Jevtić, N. Boričić, S. Glumac, N. Šimšić, M. Zivotic
- 011**
A case of diffuse pulmonary ossification as a rare finding at autopsy
Yuliia Kuzyk, Ukraine
A. Arefyeva, V. Bobrenok
- 012**
Minimally invasive treatment complications in congenital hepatic hemangioma: autopsy findings and review of 56 years cases
Víctor Macarrón, Spain
S. Quinones, G. Barrios Millán, M. Esteban-Rodríguez, R. Regojo
- 013**
A paediatric case of autoimmune polyglandular syndrome type 1
Petra Madžar, Croatia
K. Lah Tomulić, A. Milardović, A. Verbić, G. Đorđević
- 014**
Comparison of the final clinical and autopsy detected diagnoses in sepsis
Bokhodir Magrupov, Uzbekistan
V. Sharipova, V. Ubaydullaeva, T. Verevkina
- 015**
Insights into hereditary multiple osteochondromas: a case report in foetus
João Pedro Maldonado, Portugal
C. Cerdeira, A. Lai, R. Pina
- 016**
Pathologic examination of myocardial infarction using ape/ref-1 for postmortem application
Joo-Young Na, Republic of Korea
- 019**
Sudden death due to mitrogynine (Katrom) toxicity: an unusual case report and review of the literature
Juan P. Olano, USA
J. Nickels

020

Foetal postmortem study: correlation between echocardiography and postmortem study in fetuses with a heart abnormality diagnose. Termination of pregnancy protocol in our centre

Eva Oliva Domínguez, Spain

K. Gonçalves Villarreal, I. Orbegozo Arrizabalaga, I. García Miranda, J. Iparraguirre Santiago, M. Ramírez Feliz, A. del Campo Real, I. Llano Rivas, L. Zaldumbide Dueñas, L. González Mosteiro

021

A case of Miller-Diecker Syndrome – integrated imaging and genetic diagnosis

Rui Oliveira, Portugal

C. Cerdeira

022

Foetal autopsy in a private laboratory – the experience from Centro de Anatomia Patológica

Rui Oliveira, Portugal

A. Pereira, J. Germano Rego de Sousa, M. Germano de Sousa

023

Tubulinopathies – morphology may not be enough! Genetics is fundamental

Rui Oliveira, Portugal

C. Cerdeira

024

Thymic hypoplasia: lessons of an infant autopsy findings

Jessica Ortega-Balderas, Mexico

M. Ponce-Camacho, O. Barboza Quintana

025

Pulmonary and renal histopathological findings of patients treated with immune checkpoint inhibitors: a report of two autopsy cases

Maria Mercedes Petrino, Spain

V. Macarrón, S. Quinones, E. Miraval Wong, M. González García

026

Acardius fetus: a multi-case pathological study and comprehensive literature review

Sara Quinones, Spain

S. Quinones, E. Tornay, M. Parrón, I. Esteban-Rodríguez, R. Regojo

027

Non-immune hydrops fetalis associated with MYBBP1A gene

Sara Quinones, Spain

S. Quinones, M. De Uribe Viloria, M. Parrón, J. Tenorio, P. Lapunzina, I. Esteban-Rodríguez, R. Regojo

031

Analysis of maternal mortality: obstetric direct and indirect causes in Kazakhstan, 2023

Aigul Sapargaliyeva, Kazakhstan

N. Cherepkova, V. Grinberg

032

Metastatic tumour of ovarian sex cord stroma on the anterior abdominal wall: a case report in an elderly woman

Aigul Sapargaliyeva, Kazakhstan

N. Nurgaliyev, S. Serikov

033

Retrospective analysis of iatrogenic disorders in obstetric practice: implications for maternal mortality in Kazakhstan

Aigul Sapargaliyeva, Kazakhstan

N. Cherepkova, V. Grinberg

034

Unveiling granulomatous arteritis: autopsy findings

Aigul Sapargaliyeva, Kazakhstan

S. Koibakov, R. Kuanyshbekova

035

The challenging diagnosis of tetrasomy 12p mosaicism: a case report

Ben Tekaya Sirine, Tunisia

T. Tlili, I. Bahri, W. Mokni, N. Ouini, A. Ben Abdelkader, B. Sriha, M. Mokni

036

Postmortem imaging for pathologists: imaging findings of chronic diseases with pathologic correlation

Nadia Solomon, USA

J. Elifritz, N. Adolph, H. Sanchez, A. Sailer, J. Kroll, B. Daly, D. Gascho, M. Thali, B. Vermillion, S. Thorn, M. Revzin, A. Sinusas

037

High grade diffuse large B-cell lymphoma diagnosed at autopsy – case report and 10-year retrospective review

Catherine Stacey, Ireland

M. Staunton

038

Comparative analysis of pre-mortem and post-mortem diagnoses in deceased patients in clinical centre of Vojvodina over a three-year period

Milena Šunjević, Serbia

A. Ilić, I. Stanišić, V. Trivunović, Ž. Panić, M. Panjković

039

Influence of maternal age on extremely preterm birth and causes of death of extremely preterm infants

Vladan Trivunović, Serbia

S. Ivić, I. Stanišić, Ž. Panić, T. Lakić, M. Panjković

040

Case report of a foetal ARCN1 – related syndrome and literature review

Paula Isabela Voinescu, Spain

M. Abad, G. Barrios Millán, R. Regojo

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E. Esaulenko, V. Isakov, G. Pavlova, D. Slatina

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Increased Stromal ENPP1 expression in malignant phyllodes tumour correlates with poor prognosis

Syed Salahuddin Ahmed, Singapore

J. Iqbal, V. Koh, J. Seow, D. Nur, R. Shi, J. Chan, P. Tan

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C. Dabaj, H. Rais

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Kadriye Ebru Akar, Turkey

M. Toper, H. Kaya

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A comparative analysis of WHO and MD Anderson classification of phyllodes tumours: impact on patient outcomes

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Y. Wu, L. Goetz, Q. Ye, N. Sneige, S. Pasyar, R. Bassett, H. Chen, I. Bedrosian

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E. Braham, K. Mekni, K. Belaid, R. Yaiche, I. Mallek, O. Ismail, C. El Fekih, A. Ayadi

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Chafia Benallal, Morocco

I. Es-Saoudy, H. Asmouki, H. Rais

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Refining the pathologic features of invasive pleomorphic lobular carcinoma: a comprehensive study

Irene Blázquez Muñoz, Spain

J. Bosch, J. Azcarate, A. Petit, E. Guerra, A. Gumà, S. Pernas, M. Garcia Tejedor, M. Soler

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Complete pathological response to neoadjuvant chemotherapy and its impact on breast cancer outcomes

Ons Boudaouara, Tunisia

W. Ben Makhlof, M. Bouhamed, S. Graja, S. Charfi, T. Sellami Boudawara, W. Ben Kridis

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Ons Boudaouara, Tunisia

W. Ben Makhlof, S. Makni, M. Mellouli, W. Ben Kridis, T. Sellami Boudawara, C. Chaari

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O. Bado, H. Hamchi, I. Bahri, W. Mokni, S. Bentekaya, B. Sriha, M. Mokni

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S. Neves, A. Rodrigues, J. Vizcaíno, N. Jorge Lamas

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Ana Rita Coelho, Portugal

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Alicia Córdoba, Spain

L. Ruiz, R. Beloqui, I. Amat, D. Guerrero

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Pleomorphic adenoma of the breast

Alba Díez Fernández, Spain

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Omer Faruk Dilbaz, Turkey

R. Ucak, C. Tanik, F. Kabukcuoglu

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Afaf Elhag, United Kingdom

O. Busari, E. Khalifa, A. Rahman

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Aya Elmahs, United Kingdom

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The relationship between HER2 immunohistochemical staining patterns and treatment response in breast cancer

Melis Erdal Cesur, Turkey

F. Aker

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Sonia García-Fuertes, Spain

N. Franco Rubio, E. Ponce Casas, R. Vilorio, E. Mejía, C. del Agua Arias-Camisón, M. Cardiel García

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Anna Gasior, United Kingdom

J. Gorniak, K. Howard, M. Harrison, L. Gough, S. Rollinson, Z. Pounce, A. Wegscheider, A. Niendorf

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Ismail Guzelis, Turkey

B. Bolat Kucukzeybek, M. Gursoy, Y. Yilmaz, Y. Kucukzeybek

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Ioana-Alexandra Petraru, Romania

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Invasive breast carcinoma with signet ring cell differentiation and extracellular mucin production: a case report

Serap Isiksoy, Turkey

I. Bağcı, E. Yılmaz, N. Şeker

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Metaplastic differentiation at the metastatic site in mammary carcinoma – histopathological diagnostic pitfalls

Tomonori Kawasaki, Japan

T. Umesaki, H. Shimada, N. Fujiuchi, Y. Ichiki, R. Taguchi, A. Fujimoto, H. Kodama, S. Ichihara, M. Suzuki, R. Kawamura, S. Takemi, J. Ichikawa, A. Mouri, K. Kaira

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Adil Aziz Khan, India

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Konstantin Konyshev, Russia

S. Sazonov

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Olga Kouroukli, Greece

E. Spiteri, P. Vlachou, P. Dolkiras, C. Vourlakou

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TRPS1 expression in breast angiosarcoma

Levente Kuthi, Hungary

T. Pancsa, B. Pósfai, A. Schubert, S. Almási, E. Papp, Y. Chien, E. Kálmán, A. Kovács, J. Kulka, L. Varga, G. Csérni

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Biphasic metaplastic carcinoma with a spindle cell component and mixed invasive carcinoma: an intriguing case

Zaineb Lajmi, Tunisia

Y. Sarra, F. Yosra, S. Mestiri, M. Mokni

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P. Rodrigues Veiga, R. Rocha, C. Leal, J. Fraga

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Association between immunohistochemical markers and response after neoadjuvant chemotherapy in advanced breast cancer

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A study focusing on the relationship between tumour regression patterns and prognosis after neoadjuvant chemotherapy for breast cancer

Yueping Liu, China

J. Shang, Y. Ding, J. Li

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Sensitivity analysis of different HER2 clone numbers for detecting HER2 low and ultra-low expression in invasive breast cancer

Yueping Liu, China

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The influence of CEACAM1 on tumour cell proliferative activity

Mykola Lyndin, Ukraine

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Comparison between unresected and resected b3 lesions after long term follow up

Maria Eugenia Maracci, Italy

G. Randazzo, A. Marcatelli, L. Santilli, M. Cucchi, V. Galluzzo, A. Baldissera, E. D'Angelo, S. Ciabatti, A. Mura, A. Maestri, A. Tafà, M. Foschini

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Bland-looking spindle cell lesions of the breast on core-needle biopsy: a morphological and immunohistochemical approach

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L. Salvatorelli, G. Vecchio, G. Broggi, G. Angelico, A. Rizzo, G. Magro

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M. Petričević, N. Kurtovic, L. Klobučarić, I. Zagorac, M. Bakula, R. Alaghehbandan, J. Rajc

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Abir Rais, Tunisia

Y. Houcine, S. Kamoun, M. Alaya, M. Driss

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Abir Rais, Tunisia

Y. Houcine, M. Alaya, S. Kamoun, M. Driss

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A clinicopathological study of invasive apocrine carcinoma of the breast: a single centre experience

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M. Kochoska, T. Angelovska, A. Jovcheva-Trajkovska, A. Eftimov, R. Jovanovic, S. Kostadinova-Kunovska, M. Bogdanovska-Todorovska

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Laura Rodriguez Ariza, Spain

A. Hidalgo Romero, V. Peg Cámara

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K. Zormpas-Petridis, S. Haider, D. Kolarevic, P. Gazinska, R. Salgado, A. Tutt

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A. Evsei, A. Birceanu, N. Copcă, C. Costras, M. Matanie, T. Turcu, R. Grigore

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E. Karlsson, X. Chen, B. Acs, J. Hartman

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M. Toper, H. Kaya

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E. Ereemeeva, G. Setdikova

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Sergey Vtorushin, Russia
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Cutaneous synovial sarcoma – a case report and review of the literature

María Augusta Abad Vintimilla, *Spain*

E. Sánchez López, V. Díaz, A. Berjón, M. Beato

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Special site nevus: melanocytic nevus on the labia majora

Maria Malina Agu, *Romania*

B. Lazar, A. Tinca, O. Cotoi

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Histiocytoid sweet syndrome in an infant

Estela Aguilar Navarro, *Spain*

A. Ortiz González, S. Blasco Muñoz, C. Capozzi, D. Pérez Parra, L. González Lorca, A. Sánchez Espinosa, D. Sánchez Gutiérrez, A. Buendía Alcaraz

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An integrative differential diagnosis between well-differentiated squamous cell carcinoma and keratoacanthoma

Andreea Valentina Alexe, *Romania*

R. Bușcă, S. Niculae, V. Pascu, O. Ștefan, A. Brotoi, S. Dușulescu, S. Zurac

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IgA pemphigus pustular dermatosis subcorneal type: a case report

Carmen Tatiana Alfaro Cazon, *Argentina*

F. Figueroa, C. Pavon, P. Della Giovana

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Blue nevi in uncommon locations

Diogo Almeida, *Portugal*

O. Da Rocha Moreira Pedro, R. Machado-Neves, M. Honavar, T. Amaro

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Sweat-gland carcinoma with neuroendocrine differentiation – case report and literature review

Sara Alvarez Alonso, *Spain*

R. Mazorra, Y. Guzmán Gómez, E. Montano Lumbreras, N. Fontanil Vior, J. Jiménez Velasco, C. Durán Vian, M. González Vela

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Cutaneous metastases – a rare finding in rectal carcinoma

Cornelia Amalinei, *Romania*

D. Pricope, A. Grigoras, R. Balan, M. Marinca

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Leukocytoclastic vasculitis as an early cutaneous presentation of COVID-19 infection

Eleni Athanasiou, *Greece*

C. Kouvidou, A. Therapontos, O. Kouroukli, E. Spiteri, C. Vourlakou

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Coeliac disease unusual presentation by chronic skin ulcerations

Pavel Babal, *Slovakia*

P. Durikova, L. Krivosikova, P. Janega

013

Giant acne keloidalis nuchae

Ons Belhadj, Tunisia*C. Chaari, K. Turki, O. Boudaouara, S. Makni, K. Sellami, M. Fouad, H. Turki, T. Sellami Boudawara*

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Inguinal extramammary Paget's disease in a male: a case report

Khouloud Ben Lazreg, Tunisia*S. Ben Hammouda, A. Ben Mabrouk, D. Beltaifa, M. Hamzaoui, L. Njim, A. Zakhama*

015

COL5A1 and COL5A2 regulated by miRNA 21 and 199, modulate collagen V fibrillogenesis in keloid

Valeria Berton Liguori Zacchi, Brazil*A. Sousa Santos, L. Gomes Matheus, T. de Matos Lobo, Z. de Jesus Queiroz, C. Machado Baldavira, A. Pereira Velosa, V. Capelozzi, W. Paganelli Rosolia Teodoro*

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Fibrosarcomatous dermatofibrosarcoma: a challenging diagnosis

Ons Boudaouara, Tunisia*W. Ben Makhlof, M. Triki, M. Mellouli, L. Bouzidi, T. Sellami Boudawara, S. Makni*

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Pleomorphic dermal sarcoma: diagnostic difficulties in a case with lymph node metastasis

Andreea-Daniela Brotoiu, Romania*R. Andrei, A. Alexe, M. Bușcă, V. Marin, S. Zurac, C. Socoliuc*

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CDKN2A deletion in melanomas and its association with clinicopathological and immunological parameters: a TCGA-based study

Yasemin Cakir, Turkey*B. Lebe*

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Concurrent eosinophilic angiocentric fibrosis and granuloma faciale: a case report highlighting histomorphological and immunohistochemical findings

Zeynep Canturk, Turkey*M. Celik, S. Ozturk Sari*

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A rare tumour with unusual clinical presentation: a glomuvenous malformation of the forearm

Lamia Charfi, Tunisia*A. Khemir, W. Ben Makhlof, G. Sahraoui, I. Nasri, N. Boujelbene, I. Abbes, R. Doghri, K. Mrad*

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Malignant proliferating trichilemmal tumour: a challenge for the diagnosis

Marta Conde Ferreiros, Spain*M. Carillo Cobarro, I. Bernal Simon, D. Ugas Burranca, A. Ordoñez Arrillaga, S. De Burgos González, A. Val-Carreres Castellote, I. Ruiz Díaz*

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Cutaneous melanoma in children, adolescents and young adults: clinicopathological characterization of 44 cases.

Victor Cristóbal Redondo, Spain*P. Cristóbal Redondo, J. Bañuls Roca, M. Niveiro De Jaime*

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From rarity to recognition: hereditary progressive mucinous histiocytosis case report

Daniel Curto Aguilera, Spain*J. Montero Menárguez, J. Rodríguez Peralto, M. Garrido*

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Microsatellite instability high risk in sebaceous adenoma: a case report

Sumeyye Ekmekci, Turkey*B. Özamrak, N. Güney, A. Olgun, Ü. Küçük*

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Cutaneous follicular tumours and the experience of the pathological anatomy department of the Mohammed VI Marrakech University Hospital: about 67 cases

Halima El Khadraoui, Morocco*H. Rais*

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Primary cutaneous apocrine carcinoma (PCAP) of the scalp: case presentation and review of the literature

Madalin Cosmin Filip, Romania*C. Socoliuc, C. Morjan, A. Stefana, E. Ignat, R. Andrei*

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Fibrous hamartoma of infancy: when molecular studies give us a hand
Huascar Galindo Guzman, Spain
B. Ardaya Lopez, F. Arias, V. Parra Blanco

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Edematous face in a young man. What's wrong?
Maria José Gálvez Medina, Spain
A. Sanz Zorrilla, M. Jurado Rivera, V. Davila Flores, I. Sánchez Ramírez, J. Osuna Soto, S. Haro Yuste

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Multisite extramammary Paget disease: an unusual malignancy in a Caucasian male
Sonia García-Fuertes, Spain
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Trichoblastic carcinoma in a patient with Brooke-Spiegler syndrome: a entity uncommon
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A. Quer, M. Aquino, A. Jaka, C. Perello-Fabregat, I. Beleña, P. Luizaga

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Miliary osteoma cutis: clinical characterization and histopathological analysis of an unusual case
Marco Asier Gil Galvín, Spain
E. Ortega Pinto, A. Diez Fernández, M. Garrido

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Perineal nodular induration of the cyclist – case series and literatura review
Yedra Guzmán Gómez, Spain
A. Santos-Briz Terrón, S. Alvarez Alonso, J. Revilla Hernández, M. Angoso Clavijo, R. Escribano de la Torre, J. Jiménez Velasco, N. Fontanil Vior

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Desmoplastic neurotropic melanoma: case report
Hilal Kandemir, Turkey

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Endocrine mucin producing sweat gland carcinoma (EMPSGC) in an extrafacial site
Udani Kiriwandeniya, United Kingdom
A. Ali

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Eccrine poroma, spiradenoma and trichoepithelioma arising together, a rare combination skin adnexal tumour case report
Faris Kubba, United Kingdom
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A case report of basal cell carcinoma of the anus: rarity in anal cancer
Bianca Andreea Lazar, Romania
A. Ungureanu, A. Mocanu, O. Cotoi

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Scarring alopecia as an undescribed side effect of Dupilumab
Fernando Leiva-Cepas, Spain
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Sebaceous carcinoma arising from sebaceoma in a patient with lynch syndrome: case report and literature review
Rodrigo Lyrio, Portugal
A. Pestana Lopes, R. Veiga

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Common characteristics in both primary cutaneous marginal zone lymphoproliferative disorder and primary cutaneous CD4+ small/medium T-cell lymphoproliferative disorder: a case series
Sofía Merino Baamonde, Spain
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Trichilemmal carcinoma: a case report of a rare entity
Andela Milicevic, Serbia
O. Živković, I. Petrovic, K. Obradović

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Bullous dermatoses and the use of direct immunofluorescence

Sanae Moqran, Morocco

N. Hammam, F. Harmouch, S. Aitbrahim, L. Chbani, L. Tahiri

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Pathologist interobserver variability in the diagnosis of appendageal skin tumours

Sanae Moqran, Morocco

N. Hammam, S. Aitbrahim, F. Harmouch, S. Elloudi, F. El Mernissi, L. Chbani, L. Tahiri

052

One erythematous plaque: two different histological patterns

María Narváez Simón, Spain

A. González Fábrega, A. Remón Love

053

Ectopic cutaneous meningioma: a case report and review of the literature

Zeineb Nfikha, Tunisia

I. Bahri, N. Abdessayed, H. Yoni, B. Sriha, M. Mokni

054

Comparative analysis of six different IHC assays for epithelial cell adhesion molecule (EpCAM) in carcinomas

Søren Nielsen, Denmark

J. LaMar, D. Wang, A. Saxena, V. Calero, R. Decamillis, M. Korsdal Stensballe

055

Case report of proliferating trichilemmal cyst: a diagnostic challenge in small biopsies

Irena Novosel, Norway

M. Lund-Iversen, D. Viveca Haugen

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Ectopic extramammary paget's disease on the face: a rare case report

Eugenia Isabel Ortega Pinto, Spain

J. Rodríguez Peralto, M. Garrido Ruiz

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Hereditary progressive mucinous histiocytosis: a case report

Eugenia Isabel Ortega Pinto, Spain

M. Garrido Ruiz, J. Rodríguez Peralto

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A rare case of malignant mixed tumour of the toe: a case report

Basak Özcan, Turkey

S. Dursun, Z. Tosuner

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Cutaneous non-tuberculous mycobacteria infection – a case report and literature review

Mafalda Pinho Fialho, Portugal

M. M. de Carvalho, A. Miroux Catarino, S. R. Casanova, R. Sampaio

060

A rare and aggressive cutaneous neoplasia: primary cutaneous $\gamma\delta$ T-cell lymphoma

Diogo Sá, Portugal

S. Neves, I. Araújo, A. Coelho, D. Tente, F. Costa, J. Vizcaino

061

A very rare case of melanocytic matricoma with lymph node metastasis: case report and review of the literature

Sebastian Matei Sabo, Romania

A. Birceanu, A. Evsei, C. Costras, A. Cernat-Stefan, A. Toma, T. Magdici, R. Roman, A. Dima

062

Artificial intelligence quantifies key prognostic factors of melanoma from H&E images

Yahia Salhi, France

J. Rynkiewicz, C. Bossard, A. Nakhjavani, S. Salhi, J. Chetritt

063

Histological discrepancies among various samples from a patient with systemic histiocytosis

Inmaculada Sánchez Ramírez, Spain

A. Sanz Zorrilla, V. Davila Flores, M. Jurado Rivera, J. Osuna Soto, A. González-Menchen

064

Multicentric reticulo-histiocytosis: a case report and review of the literature

Yacoub Sarra, Tunisia

C. Ben Takaya, D. Daghri, B. Marwen, N. Ouini, T. Tlili, I. Bahri, W. Mokni, N. Abdessayed, B. Sriha

065

Newly introduced skin adnexial tumour:
NUT carcinoma

Beyza Betul Senay, Turkey

N. Koc, G. Gumrukcu, F. Aker

066

A rare case of temporal basomelanocytic
skin tumour in a patient with multiple basal
cell carcinomas

Evangelia-Anna Spiteri, Greece

*E. Papagianni, E. Athanasiou, A.
Therapontos, C. Vourlakou*

067

CD117 expression in hidradenomas

Evangelia-Anna Spiteri, Greece

*A. Sykaras, C. Kouvidou, E. Athanasiou, P.
Vlahou, A. Therapontos, C. Vourlakou*

068

Evaluation of CD117 expression in Merkel
cell carcinoma

Alexandros Sykaras, Ireland

*C. Kouvidou, A. Therapontos, E. Athanasiou,
E. Spiteri, P. Vlahou, C. Vourlakou*

069

Metastatic cutaneous melanoma with
angiosarcomatous transdifferentiation – a
peculiar diagnosis

Dana Tapoi, Romania

A. Dumitru, A. Ciongariu

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The relationship between demographic
status and clinical characteristics of Kaposi
sarcoma: a single-centre study

Ayşe Türkmen Dedeoğlu, Turkey

S. Gezmen, Y. Karabulut, Ü. Türsen

071

Onychomatricoma in young patient: case
report and literature review

Lara Vasconcelos Cavalcante, Brazil

*I. Santos Costa, M. Figueiredo, G. Gadelha
Costa, G. Lopes Teixeira, L. Brasileiro
Marques, A. Felipe Dias, J. Carneiro Melo*

072

The value of TERT, BRAF and NRAS gene
expression in progression free survival in
patients with melanoma

Tatjana Zablocka, Latvia

S. Isajevs

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Digestive Diseases Pathology – Liver/ Pancreas

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Case report: Kaposiform haemangioen-
dothelioma in a liver transplant recipient
with associated coagulopathy and graft
failure

Rishi Agrawal, United Kingdom

*D. Bartlett, D. Haldar, P. Trivedi, R. Brown,
O. Cain*

002

Expression of c-myc and p53 in pancreatic
ductal adenocarcinoma and their associa-
tion with clinicopathological, molecular,
prognostic and survival variables in patients
of Fundación Santa Fe de Bogotá University
Hospital, between 2009-2022

Johanna Alvarez, Colombia

*J. Baena del Valle, V. Barrera Penagos, A.
Vera Torres, G. Rozo Paz, D. Castellanos
Leguizamón, D. Grajales Urrego, R. López
Panqueva*

003

Portal cavernoma cholangiopathy – histo-
logical features to look after

Ana Alves, Portugal

J. Amaral, J. Gama, R. Almeida, M. Cipriano

005

Liver involvement by hematology lymphoid
neoplasia: histopathological features in
Acute Myeloid Leukemia and T-Cell/
Histiocyte-Rich Large B-Cell Lymphoma
cases

Julia Azevedo, Portugal

*G. Miranda, M. Alzamora, C. Perez Duque,
M. Jácome, R. Henrique*

006

COVID-19 vaccination – induced auto-
immune hepatitis

Zyanya Calixto Alvarez, Spain

*M. Riveiro Barciela, A. Hidalgo Romero, A.
Diazgranados Daza, J. Chabla Jaramillo, M.
Salcedo Allende*

007

The clinicopathological significance and
prognostic impact of SFN expression on
patients with intrahepatic cholangiocarcino-
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I-Wei Chang, Taiwan

008

Underexpression of CPS1 as independent unfavourable prognostic factor in intra-hepatic cholangiocarcinoma

I-Wei Chang, Taiwan

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Ductulo-insular variant of pancreatic neuroendocrine tumour with cystically dilated ductules: report of a rare case and review of the literature

Francisca Emanuel Costa, Portugal
J. Vizcaíno

010

Pathological diagnosis in extrahepatic cholangiocarcinoma – a challenge for the couple gastroenterologist-pathologist

Ioana Creciu, Romania
R. Ionescu, S. Zurac, T. Voiosu, G. Micu, A. Florescu, C. Popp

011

Microsatellite instabile medullary carcinoma of the gallbladder: histopathological characteristics of a rare case

Sule Kevser Dursun, Turkey
B. Üge, N. Dursun

012

Two cases of chromophobe hepatocellular carcinoma, an uncommon subtype of hepatocellular carcinoma

Sule Kevser Dursun, Turkey
S. Bağbudar, E. Kınacı, S. Erdamar Çetin, N. Dursun

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EUS-FNB in pancreatic neoplasm – where is the balance between difficulties of tissue acquisition and the difficulties of pathological diagnosis

Ancuta-Florentina Florescu, Romania
R. Ionescu, S. Zurac, T. Voiosu, G. Micu, I. Creciu, C. Popp

014

Pancreatic solid pseudopapillary neoplasm (PSPN): a retrospective review at our institution

Natalia Fontanil, Spain
R. Mazorra, J. Jiménez Velasco, Á. Terán, M. Morís, G. Yange, M. Martino, S. Alvarez Alonso, Y. Guzmán Gómez, Á. Estébanez

015

CD166/ALCAM immunohistochemical profile in pancreatic ductal adenocarcinoma and associated lymph node metastases

Simona-Eliza Giusca, Romania
I. Caruntu, L. Lozneanu, D. Ciobanu, C. Amalinei, E. Avădănei, A. Rusu

016

Hepatic adrenal rest tumour (hart) mimicking hepatocellular adenoma: a case report of an extremely rare entity

Chrysoula Gouta, Greece
N. Antoniadis, Z. Efstathiadi, M. Sidiropoulou, S. Vasileiadou, E. Sakellariou, E. Katsiki

017

Clinicopathologic, immunohistochemical, and molecular characterization of hepatic adenomas in males: a single institution study in the USA

Shuko Harada, USA
S. Anderson, D. Shimoga Chandrashekar, B. Goksel, D. Johnson, N. Khazanov, D. Hovelson, B. Bulen, J. Motyka, L. Lamb, D. Harbi, A. Osme, G. Lee, S. Al Difalaha, D. Dhall

018

Low-grade endometrial stromal sarcoma in the jejunum and liver

Seher Eda Horoz, Turkey
B. Binici, Ç. Çelikel

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Undifferentiated carcinoma with osteoclast-like giant cells of the pancreas: molecular genetic analysis of 13 cases

Jan Hrudka, Czech Republic
M. Kalinová, V. Ciprova, J. Moravcová, R. Dvořák, R. Matěj

020

Real-life pathological diagnosis in extrahepatic cholangiocarcinoma – inter-observer agreement in a tertiary centre

Radu Ionescu, Romania
I. Creciu, R. Neagu, A. Cibotariu, L. Stanciu, D. Marinoiu, A. Bordea, A. Voiosu, S. Zurac, C. Popp

021

High tumour-infiltrating lymphocytes (TILs) infiltration surrounding cancer cells at venous invasion foci can predict immune-prone pancreatic ductal adenocarcinoma (PDAC) which shows better progression-free survival (PFS)

Byung-Kwan Jeong, Republic of Korea
S. Hong

022

Progression of NET G3 can lead to TP53 mutation-associated NEC-like transformation

Atsuko Kasajima, Germany
E. Moser, E. Mayr, N. Pfarr, A. Ura, L. Vogel, M. Pavel, K. Scheidhauer, A. Werder von, G. Klöppel

023

Clinicopathological significance of IQ motif containing GTPase activating protein 3 (IQGAP3) in pancreatic ductal adenocarcinoma (PDAC)

Aya Kido, Japan
A. Ishikawa, T. Fukui, N. Katsuya, K. Kuraoka, W. Yasui

024

Patients with prolonged inflammation and cholestasis following hepatitis A infection: autoimmune hepatitis?

Éva Kocsár, Hungary
C. Lőrinczi, K. Fried, K. Nemesi, K. Werling, J. Halász

025

Is hepatic arteriolosclerosis related to loss of canals of Hering: preliminary results

Alexandra Kolaki, Greece
I. Grypari, E. Stoupi, I. Vlachos, D. Myoteri, D. Tiniakos

027

Cytomatrix® 3D cell blocks. A feasible new method for pancreatic EUS-FNA cell block formation for molecular assessment. A pilot study

Sandra Lopez-Prades, Spain
S. Alós, I. Archilla, N. Vega, M. Rodrigo Calvo, M. Esteve, S. Hoya, R. Millan, M. Cuatrecasas Freixas

028

The metamorphosis of a liver multinodular metastasis into a primary tumour by histological examination: a case report

Ludmila Lozneau, Romania
C. Andriescu, S. Giuşcă, I. Caruntu, R. Balan, C. Amalinei

029

Hepatocellular malignant neoplasm, not otherwise specified (HCN-NOS) – a clinicopathologic challenging diagnosis

Joana Madeira, Portugal

B. Sepodes, M. Jerónimo, I. Gonçalves, M. Silva, M. Cipriano

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Comparison of the results of morphological and laboratory-instrumental studies in calculous cholecystitis

Bokhodir Magrupov, Uzbekistan
T. Verevkina

031

Granulomatous liver diseases: tuberculosis or not?

Ines Mallek, Tunisia
R. Ayadi, E. Brahem, R. Yaiche, O. Ismail, S. Ben Slama, A. Ayadi

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Neoplasms developed post-liver transplantation in a paediatric population: a 30-year experience in a reference centre

Joao Martins Gama, Portugal
T. Botelho, M. Jerónimo, S. Ferreira, M. Cipriano

033

Caspase 3/7 activity, autophagy, DNA damage via ROS mechanisms by flow cytometry methods in oral squamous carcinoma cell lines after applied usnea barbata oil extracts

Elena Matei, Romania
G. Cozaru, V. Schröder, L. Bucur, M. Aşchie, M. Cristian, N. Dobrin, M. Roşu, V. Popovici

034

Exploring the risks and 'added value' of diagnostic biopsy in patients with hepatocellular carcinoma (HCC)

Misti Mccain, United Kingdom
S. Zhang, L. Macdougall, R. Watson, S. Cook, B. Haugk, A. Darne, S. Raman, D. Parkinson, A. Burt, J. Wordsworth, D. Jamieson, J. Nsengimana, D. Tiniakos, H. Reeves

035

Feasibility of molecular tests in biliary tract cytology

Andrea Mucicchi, Italy

F. Falcinelli, G. Volpi, E. Brunetto, G. Magliacane, M. Perin, L. Pecciarini, M. Rimini, P. Arcidiacono, M. Tacelli, M. Schiavo Lena, F. Pedica, M. Cangì

036

Validation of the prognostic significance of a newly proposed histological classification of pancreatic ductal adenocarcinoma with molecular relevance

Despoina Myoteri, Greece

N. Paraskevopoulou, I. Grypari, K. Papadopoulos, E. Stoupi, I. Vlachos, V. Michalaki, C. Papadimitriou, A. Vezakis, M. Konstadoulakis, D. Tiniakos

037

Hepatic vascular tumours: understanding the spectrum of benign and malignant lesions

Alexandra-Iulia Nitu, Romania

R. Barna, O. Vita, A. Jurescu, D. Herman, M. Iacob, R. Cornea, M. Cornianu

038

Liver metastasis of ovarian granulosa cell tumour: report of a rare case

Birsen Gizem Özamrak, Turkey

S. Ekmekci, M. Guner, H. Sahin

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Cholangiocarcinoma expressing Inhibin A, a mimicker of neuroendocrine tumours: a rare case of cholangioblastic variant of intrahepatic cholangiocarcinoma

Basak Özcan, Turkey

S. Dursun, N. Dursun

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Clinicopathologic significance of quaking expression in hepatocellular carcinoma

Cheol Keun Park, Republic of Korea

S. Kim, J. Park, J. Lee, J. Choe, Y. Cho

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Fibrin-associated large B-cell lymphoma (FA-LBCL): report of two cases presented as abdominal pseudocysts with immunohistochemical and molecular study

Anna Petit, Spain

G. Ippoliti, J. Azcarate, J. Bosch, N. Fullana, A. Domingo, T. Serrano, N. Ruiz, X. SanJuan, E. Ramos, L. Secanella, E. Gonzalez-Barca, G. Rivera, F. Climent

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Mucinous adenocarcinoma of the gall bladder: a rare incidental finding

Alex Caleb Pop, Romania

M. Muresan, A. Orosz, S. Vese, A. Vigdorovits, A. Camarasan, A. Pascalau, O. Pop

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Pancreatic adenocarcinoma associated with intraductal papillary mucinous neoplasm: a case series

Alba Prat, Spain

D. Piñol, I. Espadaler, I. Campazas, I. Espinosa, V. Fusté, J. Szafranska, C. Fumagalli

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Intrahepatic inflammatory myofibroblastic tumour with features of IgG4-related disease & elevated serum CA 19-9 – a diagnostic challenge

Nidhi Radhakrishnan, India

S. Naskar, S. Kamath, N. Rao, S. Moger, C. Wilfred, P. Kasukurti

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The liver in adult polycystic liver disease (ADPKD): analysis of morphologic characteristics of 38 cases describing intercystic parenchyma

Yolanda Rodriguez-Gil, Spain

M. Veras, D. Curto Aguilera, C. Prados

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Undifferentiated carcinoma with osteoclast-like giant cells of pancreas : 3 case reports

Iswarya S Nair, India

S. Nair P, R. S, A. Suresh Kumar, E. Joy

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Tumour budding in pre-neoadjuvant biopsy and post-neoadjuvant resection specimen is associated with poor prognosis in intrahepatic cholangiocarcinoma – a cohort study of 147 cases by modified ITBCC criteria

Ruoyu Shi, Singapore

G. Wu, R. Luo, L. Yang, Q. Gao, K. Zhu

049

Squamous cell carcinoma of the gallbladder and extrahepatic bile ducts: a rare entity

Joana Sobreiro Furtado Silva, Portugal

M. Ferreira

050

An extremely rare case report: the coexistence of gallbladder carcinoma developed from ICPN and lobular breast carcinoma metastasis to the gallbladder

Cansu Sönmez, Turkey

E. Balaban, M. Çıkrıkçıoğlu, F. Aker

051

A case report of follicular pancreatitis with pancreatic islet cell hyperplasia

Evangelia-Anna Spiteri, Greece

E. Gioti, P. Vlachou, A. Mellou, O. Kouroukli,

D. Efthymiou, C. Vourlakou

052

The possible clinical importance of co-expression of VSIG1, TTF-1 and vimentin in hepatocellular carcinoma

Rita Szodorai, Romania

I. Jung, L. Baniás, I. Kovalszky, K. Dezső, Z.

Kovács, S. Gurzu

053

Revisiting solid pseudopapillary neoplasm of pancreas: a detailed clinicopathological and immunohistochemical evaluation

Arshi Tandon, India

R. Yadav, P. Das, A. Narayan, S. Pal

054

Declining utility of intraoperative pathology consultations for assessment of margins during whipple surgeries in an academic institution over six years

Tra Truong, Canada

E. Olkhov-Mitsel, N. Sina, L. Chen, N.

Coburn, P. Karanicolas, L. Sun, P.

Roopchand, T. Jorden, C. Rowsell

055

Identification of cribriform and micropapillary components predicts poor prognosis in patients with pancreatic ductal adenocarcinoma

Ceren Utku, Turkey

D. Ekizalioglu, G. Serin, T. Gumus, F. Yilmaz,

D. Nart

056

TRPS1 expression in pancreatic adenocarcinoma: a potential pitfall

Ceren Utku, Turkey

T. Zhang, M. Robert, J. Misdraji, I.

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057

Impact of mitochondrial stress on the prognosis of acute T-cell-mediated liver transplant rejection: a decade of insights (2011-2020)

Sergen Yagci, Turkey

P. Bayık, B. Özdemir, G. Özgün, M. Haberal

058

Exploring the prognostic significance of Epithelial-Mesenchymal Transition (EMT) in Pancreatic Ductal Adenocarcinoma (PDAC)

Elif Yumuk, Turkey

Ö. Sağol, A. Aysal Ağalar

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Endocrine Pathology

001

Primary small cell carcinoma of the thyroid without medullary thyroid carcinoma features

João Carlos Almeida, Portugal

C. Costa, P. Amoroso Canão, J. Cameselle

Teijeiro, M. Sobrinho-Simões

003

Composite pheochromocytoma – presentation of two cases with molecular study

Ainara Azueta Etxebarria, Spain

D. Rodriguez Villar, J. Rosselló Soria, L.

Aguirrezabal Marcotegui, I. Fernandez de la

Prieta, R. Alvarado Cuenca, P. Martín Soler,

J. Garcia-Reyero, M. Rodriguez-Duque, E.

Elvira Uriarte, I. Lopez de Gamboa

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Intraoperative consultation in thyroid lesions: a study on effectiveness and competence

Isil Bagci, Turkey

E. Tekin, F. Canaz, M. Kılıç

005

Core needle biopsy of highly aggressive malignant thyroid tumours

Elwira Bakula-Zalewska, Poland

M. Kwapisz, P. Góralski, J. Długosińska, J. Gałczyński, M. Dedecjus

006

Oncocytic thyroid carcinoma's pathological prognostic factors

Mohamed Amine Bani, France

F. Pani, R. Chehab, D. Hartl, J. Hadoux, L. Lamartina, E. Baudin, A. Al Ghuzlan

007

Follicular thyroid adenoma with papillary architecture: a new emerging entity

Lobna Bouzidi, Tunisia

S. Graja, M. Miled, S. Hidouri, T. Sellami Boudawara, N. Gouiaa, M. Zghal

008

Cribiform-morular thyroid carcinoma: a rare tumour in thyroid gland

Kübra Bulut, Turkey

S. Erkiç

009

Unveiling a rare morphological variant: myxoid adrenocortical adenoma with pseudoglandular pattern – a case report

Gonçalo Carrola, Portugal

D. Sá, M. Mexia, J. Vizcaino, J. Brandão

010

Adrenal myelolipoma in the practice of pathologist

Andrei Dobriakov, Russia

A. Polcovnikova, A. Tokmakov, O. Konstantin, A. Chellyukanov, M. Alexandrova, V. Salaeva, E. Kuznetsova

011

A thyroid nodule revealing a parathyroid carcinoma: a case report

Raoudha Doghri, Tunisia

A. Khemir, W. Ben Makhlof, B. Laabidi, G. Sahraoui, L. Charfi, K. Mrad

012

Clinical and morphologic features of an ETV6::NTRK3 translocated high-grade papillary thyroid carcinoma: a case report

Sule Kevser Dursun, Turkey

F. Doğukan

013

Primary thyroid lymphoma: a rare case report

Sumeyye Ekmekci, Turkey

G. Uz, Ş. Çoban, B. Özamrak, E. Pala, Ü. Küçük, Y. Pekcevik, H. Yılmaz

015

RET mutation in C-cell hyperplasia: a premalignant lesion with deceptive morphology

Sonia García-Fuertes, Spain

N. Franco, E. Ponce-Casas, R. Vilorio, G. Muñoz-González, N. Torrecilla Idoipe

016

Pathological characteristics as predictors of multifocality in papillary thyroid carcinoma

Nikola Gardić, Serbia

I. Starčević, T. Vasiljević

017

Investigation of the contribution of EZH1 expression to differential diagnosis in thyroid tumours with follicular pattern

Fadime Eda Gökalp Satıcı, Turkey

R. Bozdoğan Arpacı, Ö. Bucak, A. Dağ, G. Örekeci Temel, M. Erdal

018

Intratour heterogeneity in pancreatic NET (PanNET): when morphology meets proliferation and molecular alterations

Martina Iuzzolino, Italy

A. Destro, A. Zerbi, S. Uccella

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Mixed medullary and follicular-cell derived carcinoma: a case report

Bernardica Juric, Croatia

V. Bedeković, L. Pažanin, H. Čupić

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Fine needle aspiration cytology of the thyroid: a comparison of 53 cytological with histological diagnoses

Sahar Kanoun, Tunisia

S. Hidouri, M. Triki, F. Maalej, N. Gouiaa, T. Sellami Boudawara, S. Graja

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Metastatic breast carcinoma affecting a parathyroid adenoma: a case report
Zaineb Lajmi, Tunisia
Y. Sarra, F. Yosra, A. Bdioui, M. Mokni
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Assessing the clinical utility of the 2021 International Medullary Thyroid Carcinoma Grading System: a validation study
Victor Macarrón, Spain
S. Quinones, M. De Uribe Vilorio, M. Esteban-Rodríguez, R. Regojo
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Morphometry of thyroid cancer
Bokhodir Magrupov, Uzbekistan
A. Rajapov
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Pitx2 is a superior marker for detection of midgut WNETs compared to CDX2 and serotonin
Monika Manethová, Czech Republic
V. Stejskal, H. Faistová, H. Hornychová, F. Gabalec, A. Ryška, J. Soukup
- 025**
Next-generation sequencing in thyroid cancer
Maria Angeles Marmol Fabrega, Spain
L. de León García Rico, I. Larizgoitia Salinas, C. Fula Cobos, C. Diego Hernández, E. Hernández Suárez, M. Muñoz Fernández, P. Iglesias Gómez, M. Boiza Sánchez, C. Villanueva Sánchez, T. Meizoso Latova
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Mixed corticomedullary tumour of the adrenal gland with somatic GNAS mutation
Paula Masa Ogando, Spain
E. Pérez Béliz, B. Thorpe Plaza, S. Rojo Álvarez, L. Rojo Álvarez, I. Abdulkader Nallib, J. Cameselle Teijeiro
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Primary thyroid lymphoma: a tertiary care cancer centre experience
Neha Mittal, India
K. Rabade, S. Rane, M. Bal, A. Patil
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Adrenal adenomatoid tumour, a rare case of benign tumour with osseous metaplasia
Damla Oflas, Turkey
M. Sakarya
- 030**
Scoring systems in the pathohistological diagnosis of primary tumours of the adrenal gland
Željka Panic, Serbia
M. Đolaj, J. Ilić Sabo, A. Ilić, M. Šunjević, S. Trivunić Dajko
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Pituitary Neuroendocrine Tumours (PitNET) in acromegaly: insights from a pathological perspective
Sofia Pedrosa, Portugal
J. Pinheiro
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Composite pheochromocytoma: a tumour to consider in adrenal pathology
Eduardo Ponce Casas, Spain
G. Muñoz Gonzalez, S. Garcia Fuertes, R. Vilorio, N. Torrecilla Idoipe, E. Mejia, T. Ramirez
- 033**
Molecular metaplasia in different types of tumours
Grigorii Raskin, Russia
D. Davydova, M. Mukhina, E. Kravtsova, U. Dobrynina, M. Popov, D. Rianzhin
- 034**
Oncocytic adrenal tumours: report of 3 cases
Pedro Rodrigues Veiga, Portugal
A. Lapa, M. Jácome, A. Cunha
- 035**
Morpho-functional adaptive changes in the pituitary-adrenal system of rats after long-term exposure to heavy metal salts and the use of L-tocopherol
Anatolii Romaniuk, Ukraine
N. Hryntsova, A. Maliuk, M. Lyndin, N. Hyriavenko, K. Sikora, Y. Lyndina
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Adrenocortical sarcomatoid carcinoma: a rare case report and review of the literature
Lauren Ruddy, USA

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Validation of thyroid fine needle aspiration rinse with indeterminate cytology results as a suitable sample type for molecular testing
Pablo Santiago Díaz, Spain
S. Clavé Safont, A. Sánchez Cabrero, S. Prat Mendez, M. Bautista Castro, E. Torres Fernández, E. Moragón Massey, S. Torres Rodríguez, M. Vela Ortiz, B. Bellosillo Paricio, B. Lloveras Rubio

038

Synchronous medullary and papillary thyroid carcinomas: a case report of thyroid collision tumours
Yacoub Sarra, Tunisia
C. Ben Takaya, W. Mokni, I. Bahri, S. Frini, D. Chiba, R. Sedego, N. Abdessayed, M. Mokni

040

Metastasis to the thyroid gland: a 17-year retrospective study in a tertiary hospital
Joana Sobreiro Furtado Silva, Portugal
P. Cunha Brito, J. Parda

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Challenges in the diagnosis of adrenal hemangiomas through two cases mimicking malignancy
Antonia Syrnioti, Greece
G. Petrakis, S. Laskou, K. Sapalidis, G. Raptou

042

An unusual case with anaplastic transformation of papillary thyroid carcinoma with liver metastasis
Anastasia Therapontos, Greece
C. Vourlakou, E. Spiteri, E. Athanasiou, P. Vlachou, A. Georgiou, C. Kouvidou

043

Ectopic Cushing's syndrome in small cell lung cancer: is there sufficient evidence?
Ayako Ura, Germany
E. Moser, M. Evert, K. Evert, E. Sipos, M. Kremer, K. Steiger, C. Mogler, H. Hoffmann, A. Werder von, D. Kaemmerer, G. Klöppel, A. Kasajima

044

PitNET/adenoma with loss of expression of AIP protein
Panagiota Vlachou, Greece
A. Therapontos, E. Athanasiou, P. Xekouki, E. Pissadaki, K. Barkas, R. Kakatsidi, G. Kyriakopoulos

045

Spindle cell oncocytoma/oncocytic pituicytoma: a case report of a rare entity
Panagiota Vlachou, Greece
E. Spiteri, A. Georgiou, O. Kouroukli, D. Efthymiou, S. Avgousti, A. Bairamis, G. Kyriakopoulos

046

Prognostic factors in gastroenteropancreatic neuroendocrine neoplasms
Asma Zammouchi, Algeria
R. Bennoui, F. Hadj Hammou, N. Moulai, S. Ahmed Allal, G. Ifaidi, W. Ouahioune

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History of Pathology

001

The collection of cardiac pathology derived from the Royal Pathology Museum of the University of Turin
Luisa Ferrari, Italy
F. Zampieri, S. Micalizio, G. Vinardi, E. Duregon, M. Papotti

002

The death of King Jan III Sobieski – was the disease terminal or the treatment deadly?
Jacek Gulczynski, Poland
P. Paluchowski, J. Kropidłowska, E. Lzycka-Swieszewska

003

History and future of the Museum of Macroscopic Pathological Preparations of the Department of Pathology School of Medicine University of Zagreb (1914.-2024.)
Marko Kolic, Croatia
S. Sikirić, S. Seiwerth

004

Virtual autopsy investigation of gallstones in a 18th century Sicilian mummy
Luca Ventura, Italy
V. Pensiero, G. Romeo, A. Causarano, C. Caruso, M. Traversari

005

The brucellosis of the Blessed Sante from Montefabbri (1343- 1394) in direct and textual sources

Luca Ventura, Italy

L. Arrizza, M. Palmerini, C. Mercurio, M. Polidori, G. Mandolini, G. Fornaciari, A. Fornaciari

006

Questionnaire portrait of the outstanding Russian scientist-pathologist academician of the Academy of Medical Sciences of the USSR Professor Donat Semyonovich Sarkisov (05.09.1924–16.11.2000)

Alexander Zubritsky, Russia

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Nephropathology

001

A retrospective analysis of the spectrum of renal diseases at a regional tertiary centre for renal pathology

Ali Al-Omari, United Kingdom

H. Issa, L. Brammar, A. Kret, B. Wagner

002

Dendritic cells and interstitial fibrosis in IgA nephropathy patients - new relations to an old story

Yulian Ananiev, Bulgaria

E. Aleksandrova, M. Nikolova, I. Erkanyan, E. Tilkiyan

004

Correlation of hsa-mirna-342-3p and SOX 6 expressions with diabetic nephropathy classification, prognostic histomorphological parameters and laboratory findings in renal biopsy diagnosis with diabetic nephropathy

Gözde Arslan, Turkey

Y. Karabulut, İ. Yeleser, M. Erdal, S. Demir, A. Özdemir

005

Evaluation of the number of eosinophils in interstitium of kidney biopsies of patients with diabetic nephropathy: can it predict the prognosis?

Javier Carrillo Checa, Spain

J. Torres Ortiz, A. Hernández García, M. Villca Huayta, A. van der Biezen, M. Tribaldos Villar, D. Arroyo Rueda, F. Díaz Crespo

006

Surveillance biopsy in recipients of kidney transplantation

Irina-Draga Caruntu, Romania

R. Avram, A. Covic, T. Andrian, A. Covic, S. Giuşcă

007

The function of renal cortex and proteinuria: a human biopsy study

Maria Bernadette Che Ying Chow, Hong Kong

S. Brodsky, A. Chow

008

Nephrotoxicity of chemotherapy: ten years' experience

Marta De Uribe Vilorio, Spain

V. Macarrón, G. Escuer-Albero, S. Quinones, C. Fuentes Fernández, M. Vega Cabrera, B. Rivas, E. García Fernandez, L. Yebenes

009

Kidney biopsy evaluation in ANCA-associated vasculitis: a diagnostic and prognostic tool to be empowered

Claudia Andrea Gomez Gonzalez, Turkey

B. Sarsık Kumbaracı, F. Tastekin, Z. Akcali, S. Sen

010

Renal changes as adverse effects of VEGF inhibitor therapy in patients with malignant diseases

Matija Horacek, Croatia

P. Šenjug, J. Josipović, G. Radulović, K. Altabas, D. Galešić Ljubanović

011

Unusual onset of a CCRCC with metastases in the vagina

Alexandru Mazuch, Romania

D. Anderco, A. Cumpanas, A. Dema

012

Collagen-specific molecular chaperone (Hsp47) could reveal cells involved in renal fibrogenesis – a potential target for future therapies?

Ana Mioljević, Serbia

G. Nikolic, M. Pecic, D. Milivojevic, P. Djuric, A. Jankovic, R. Naumovic, S. Radojevic Skodric, N. Bogosavljevic, M. Zivotic

013

Severe cryoglobulinemic vasculitis associated with monoclonal gammopathy: a challenging case of masked deposits

Guilherme Nogueira Fontinha, Portugal
B. Fernandes, L. Rodrigues, A. Esteves, A. Pimenta, J. Amaral, R. Alves, V. Sousa

014

Double kidney transplant due to IgA nephropathy and chronic active antibody-mediated rejection

Julio Osuna Soto, Spain
F. Leiva-Cepas, M. Huelva López, I. Sánchez Ramírez, M. Gálvez-Medina, R. Sánchez-Sánchez, R. Ortega Salas

015

Case series of fibrillary glomerulonephritis with the DNAJB9 expression

Huri Kübra Uzkuç, Turkey
B. Sarsık Kumbaracı, Z. Akcalı, A. Çeltik, M. Sezış, S. Şen

016

The role of pronase digestion and electron microscopy in the diagnosis of monoclonal gammopathies of renal significance

Mariña Veras Lista, Spain
B. Garzón, M. Alonso Riaño

017

Light chain-associated acute tubulointerstitial nephritis: two case reports and literature review

Coca-Mihaela Vieru, Spain
M. Abascal Camacho, R. Melero, C. Encinas, B. Sualdea Peña, A. Van Der Biezen, M. Villca Huayta, F. Menarguez Palanca, F. Díaz Crespo

018

The importance of quality in renal biopsies

Michela Vincis, Italy
T. Gul, A. Canino, B. Doyle

019

Evaluation of covid-19 expression in kidney biopsies after covid-19 vaccination and/or infection

Yasemin Yuyucu Karabulut, Turkey
G. Aydın Demir, A. C. Çiftçi, A. B. Eser, K. Turgutalp

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Cardiovascular Pathology

002

Primary cardiac undifferentiated pleomorphic sarcoma: report of a rare entity

Slim Charfi, Tunisia
S. Makni, S. Graja, T. Ellouze, L. Bouzidi, S. Hidouri, A. Hentati, T. Sellami Boudawara, M. Zghal

004

A rare case of segmental arterial mediolysis presenting with life-threatening haemorrhage following multivisceral transplantation

Jose Coelho Lima, United Kingdom
S. Preston, N. Russell, I. Amin, A. Butler, A. Paterson

005

Arrhythmogenic cardiomyopathy phenotype associated with an ACTN2 and LMNA gene variant of uncertain significance (VUS)

Jose Coelho Lima, United Kingdom
H. Cox, E. Curtis, H. Lim, C. Chue, D. Neil

006

Intracardiac cavernous hemangioma: case report

Hazal Erdogan, Turkey
N. Şeker

007

Histopathology of the heart atrial appendages in atrial fibrillation after cardiac surgery

Zarina Gioeva, Russia
N. Gutyrchik, L. Kakturskij, D. Areshidze, M. Kozlova, A. Stonogin, V. Savina, L. Mikhaleva

008

Pathomorphological characteristics of the heart involvement in systemic amyloidosis

Zarina Gioeva, Russia
L. Mikhaleva, A. Volkov, V. Pechnikova, L. Erofeeva, M. Mnikhovich, T. Bezuglova, N. Shakhpazyan

009

The role of cardiac amyloidosis in thanatogenesis of familial Mediterranean fever

Soma Hambarzumyan, Armenia
D. Ghazaryan

010

Extremely rare location of a heart tumour

Rosa Helena Henriques De Gouveia,

Portugal

C. Carreira, F. Corte Real

011

An autopsy case of secondary dilated cardiomyopathy with unexpected endocrine tumour

Milena Jovanovic, Serbia

J. Petrović, S. Tatić, M. Đuknić, I. Petrovic, R. Janković, S. Glumac

012

A case of fibromuscular dysplasia of coronary arteries and congenital heart disease in a newborn

Yuliia Kuzyk, Ukraine

013

A unique case of the combination of giant cell aortitis, arteritis, and coarctation of the aorta in the 3.5-month child

Yuliia Kuzyk, Ukraine

014

Cardiac blood cysts – case report and literature review of a rare entity

Huan Ying Chang, Singapore

S. Lai, L. Punjabi, W. Ong, Y. Keh, M. Amanullah

015

A unique case of post-transplant progression in a cardiac allograft with pre-existing transthyretin amyloidosis

Laura Lockau, Canada

S. Smith, E. Tweedie

016

Coronary stents examined with a scanning electron microscope

Bokhodir Magrupov, Uzbekistan

V. Ubaydullaeva

017

Morphologic spectrum of a heart damage in methadone-toxicity related deaths

Angelina Malysheva, Russia

E. Romanova, O. Reshetnikova, A. Ermakov

018

The study of clinico-pathological predictors for post cardiac transplant rejection

Gabriela Patrichi, Romania

A. Patrichi, C. Satala, S. Voidăzan, A. Sin

019

Quantitative assessment of cardiac muscle fibers density depending on cause of death

Iancu Emil Plesea, Romania

M. Șerbănescu, V. Grigorean, I. Avramescu, L. Iovan, L. Eftimie, R. Pleșea

020

Discovery of ascending aorta dilatation in a male: unravelling the underlying pathology

Cecilia Salzillo, Italy

L. Giovannico, G. Fischetti, A. Marzullo

021

Advancements in understanding and managing chagas cardiomyopathy: implications for global health – a scoping review

Lara Vasconcelos Cavalcante, Brazil

M. Figueiredo, A. Felipe Dias, G. Gadelha Costa, G. Lopes Teixeira, L. Brasileiro Marques, J. Carneiro Melo

022

Intimal sarcomas of the heart and great vessels

Vittorio Maria Virgone, Italy

A. Celi, A. De Martino, M. Levantino, A. Colli, R. Berchiolli, A. Pucci

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Electron Microscopy

001

Alternative use of C4d immunohistochemistry: an electron microscopic study on immunofluorescence negative kidney biopsies

Ozge Hurdogan, Turkey

S. Solakoglu, Y. Ozluk, I. Kilicaslan

002

The role of telocytes in the pathogenesis of massive localized lymphedema of the anterior abdominal wall (ultrastructural study)

Nadezhda Makarenko, Russia

I. Chekmareva, B. Gogia, O. Paklina

003

Chronic pancreatitis: ultrastructural changes of stromal compartment

Nadezhda Makarenko, Russia

I. Chekmareva, O. Paklina, D. Kalinin, D. Atyakshin

004

Ultrastructure of multinucleate trophoblastic giant cell in the myometrium of patients with placenta accreta spectrum

Natalia Nizyaeva, Russia

T. Sukhacheva, A. Milovanov, T. Fokina, T. Patsaev, V. Bochkov

005

Ultrastructural changes of the lungs in coronavirus infection

Marta Semko, Ukraine

Y. Kuzyk

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Gynaecological Pathology

001

Clinicopathological study of leiomyosarcoma of the female genital tract: a single centre experience of 68 cases

Kshitija Adhav, India

N. Mittal, J. Ghosh, R. Kulkarni, N. Sable, B. Rekhi, A. Maheshwari, S. Gupta, K. Deodhar, S. Menon

004

Primary ovarian carcinoid tumour: a case series

Maria Alzamora, Portugal

G. Miranda, A. Coutada, J. Costa, C. Bartosch, R. Dias

005

Trichorhinophalangeal syndrome type 1 (TRPS1) is expressed in endometrial cancer

Tatiana Amaamri Seebach, France

G. Karpathiou, J. Pascal, M. Peoc'h, M. Mobarki

006

Mutation profiling of central-type primitive neuroectodermal tumour of the uterus: a case report

Luis Carlos Araya Umaña, Spain

K. Romero Figueroa, E. Izquierdo Delgado, A. Escudero López, C. Venegas Mascaró, J. Calzas Rodríguez, M. Cueto Callejón, C. Morante Palacios, B. Muñoz Hernández

007

Uterine leiomyosarcoma with osteoclast-like giant cells: description of two additional cases and literature review

Esperanza Macarena Ariza Estepa, Spain

T. Cano Barbadilla, N. Maira González, B. Vieites Pérez-Quintela, M. García Rojo

008

Anti-Müllerian hormone receptor II expression in ectopic and eutopic endometrium of patients with deep infiltrative endometriosis

Aleksandra Asaturova, Russia

N. Chekeneva, N. Buralkina, M. Dumanovskaya, A. Badlaeva, A. Tregubova, M. Chumakova, T. Serdobintseva, A. Rogozhina, S. Pavlovich

009

Cross-talk between CD138 and MUM1 plasma cell markers in chronic endometritis diagnosis

Aleksandra Asaturova, Russia

A. Badlaeva, A. Tregubova, A. Raksha, G. Tabeeva

010

TGF-beta signalling components cross-talk in endometrial polyps and endometrial hyperplasia

Aleksandra Asaturova, Russia

R. Sarkisyan, A. Badlaeva, A. Tregubova, T. Gavrilova, L. Adamyan

011

The impact of the frozen section evaluation for the detection of Lymphovascular Space Invasion (LVSI) and the overall LVSI status in endometrial carcinoma

Deniz Ates, Turkey

A. Oruc, S. Karahan, A. Usubutun

012

Diagnostic challenges in different histological types of ovarian sex cord-stromal tumours – the pathologist's perspective

Teodora Ana Balan, Romania

R. Balan, C. Amalinei, S. Giuşcă, I. Căruntu

013

Benign struma ovarii with peritoneal strumosis: a rare case presentation and diagnostic dilemma

Luis.e Barrera-Herrera, Colombia

L. Jaramillo, A. Saavedra, P. Campo

015

Uterine tumour resembling ovarian sex cord tumour – a case report

Cesarina Altagracia Batista, Spain

J. León Gil, R. Rivas Hernández, A. Jiménez Pérez, I. González Morais, J. González Rivero, M. Cuesta Martínez, M. Sancho de Salas, L. Chinchilla Tábora

016

Histoprognostic factors of survival in vulvar cancer

Wiem Ben Makhlouf, Tunisia

N. Boujelbene, I. Zemni, H. Mansouri, A. Khemir, I. Abbes, R. Doghri, L. Charfi, K. Mrad

017

Uterin metastasis of Wilms' tumour in a paediatric patient: a rare presentation

Wiem Ben Makhlouf, Tunisia

N. Boujelbene, A. Khemir, G. Sahraoui, E. Jbebli, K. Mrad

018

Frequency of intraepithelial lesions in endocervical curettage in relation to cyto-colposcopic and conization results

Ines Benedetti, Colombia

C. Gomez, S. Girado

019

The prognostic role of osteopontin expression in endometrioid type endometrial cancers (EEC)

Havva Berber, Turkey

E. Serbes, D. Enneli, H. Kahraman, C. Cansız Ersoz, C. Ozturk, N. Kaplan, S. Taskin

020

Synchronous formation of adult type granulosa cell tumour and benign Brenner tumour in the right ovary and endometriotic cyst in the left ovary: a rare case

Hülya Bilgi, Turkey

I. Ozover Celik

021

Ovarian collision tumour, mucinous cystadenoma and adult granulosa cell tumour- a rare case report

Pinelopi Bosgana, Greece

E. Geropoulou, M. Gkermepesi, G. Androutsopoulos, V. Bravou

022

Plexiform leiomyomatosis: mimicking metastasis in a patient with invasive lobular carcinoma

Irem Buldum, Turkey

H. Peştereli, S. Yolburun, D. Durna

023

Unveiling the uncommon: a case report of vulvar adenosquamous carcinoma

Sofia Carralas Antunes, Portugal

A. Félix

024

Histopathological findings and correlation with ultrasound in a series of cases of invasive mole treated with hysterectomy

Diane Cavalcante, Brazil

C. Ponte, S. Coelho dos Santos Costa

025

HPV-33 and systemic lupus erythematosus: an association for rapidly evolving carcinogenesis in lower anogenital tract? A case report

Diane Cavalcante, Brazil

R. Verissimo Oliveira, R. Autran Coelho Peixoto, R. Mazon, R. Nunes Eleutério

026

Sertoli-Leydig cell tumour with heterologous components: a case report

Mennan Yigitcan Çelik, Turkey

S. Doğan, H. Peştereli

027

The importance of PFK-P (Phosphofruktokinase-platelet) and PEA-15 (Phosphoprotein enriched in astrocytes-15kDa) expression in cases of endometrioid endometrial carcinoma and endometrial atypical hyperplasia/endometrioid intraepithelial neoplasia

Balça Begüm Cengiz, Turkey

D. Arık, T. Öge, Ö. Yalçın, A. Özen

028

Targeting exonucleasic region of POLE gene in Tunisian endometrial carcinoma

Lamia Charfi, Tunisia

H. Douik, C. El fekih, A. Khemir, R. Doghri, I. Nasri, G. Sahraoui, O. Azaiez, K. Mrad

029

PD-L1 expression in serous ovarian carcinoma with calcification

Ruslana Chyzhma, Ukraine

R. Moskalenko

030

Tubulo-squamous polyp of the vagina

Ivana Covic, Croatia

S. Zekić-Tomaš

031

Gynaecological carcinosarcoma: is it that rare? A series of six cases in a one-year period in a secondary Portuguese hospital
Orlando Manuel Da Rocha Moreira Pedro, Portugal

D. Almeida, F. Moreira, A. Silva, R. Machado-Neves, M. Honavar, T. Amaro

032

Vulvar Langerhans Cell Histiocytosis with prominent pagetoid pattern: a diagnostic pitfall

Lucas De Figueiredo Barbosa, Brazil

K. Prigenzi, M. Enokihara, A. dos Santos Filho, G. Focchi

033

The evaluation of immunohistochemical research assays in the assessment of folate receptor alpha expression in epithelial ovarian cancer

Emily Deutschman, USA

R. Fulton, C. Sloss

034

Rare variants of malignant vulvar tumours: a 24-year retrospective study

Raoudha Doghri, Tunisia

w. ben makhlof, A. Khemir, H. Haouari, M. Slimani, N. Hammadi, N. Boujelbene, L. Charfi, G. Sahraoui, K. Mrad

035

Extensive intestinal metaplasia associated with severe endometritis: a case report

Luana-Francisca Dragostin, Romania

A. Coman, M. Cioplea, L. Sticlaru

036

Prognostic significance of FLOT2 expression in cervical carcinoma

Radoslav Gajanin, Bosnia and Herzegovina

Z. Gajanin, D. Djokanovic, O. Jovic Djokanovic, V. Gajanin, I. Sladojevic, M. Cuk

037

Bilateral mucinous ovarian borderline tumours – Krukenberg tumours?

Helene Geddert, Germany

M. Friedrich, T. Villena-Ossa, B. Hemmerlein

038

Metastatic low-grade appendiceal mucinous neoplasm (LAMN) to the endometrium and fallopian tubes

Jelena Grujovic, Serbia

I. Djordjevic, J. Cvetkovic

039

Clinicopathological and survival analysis of endocervical adenocarcinomas with focus on gastric and invasive stratified mucin-producing carcinomas: a retrospective study of 72 cases

Esther Guerra Fernández, Spain

E. Dorca, A. Vidal, R. Taco, A. Esteban, M. Santacana, B. Pardo, M. Gil, J. Ponce, X. Matias-Guiu

040

Disorder of cellular immunity as a cause of abnormal uterine bleeding

Mikhail Gushchin, Russia

L. Mikhaleva, M. Orazov, S. Mikhalev, R. Vandysheva, D. Masalimova, N. Shakhpazyan, E. Zentsova, R. Mitrelis

041

The role of VEGF and VWF markers in diagnosing the grade of chronic endometritis in women with abnormal uterine bleeding

Mikhail Gushchin, Russia

S. Mikhalev, R. Vandysheva, R. Mitrelis, M. Orazov, D. Masalimova, N. Shakhpazyan, L. Mikhaleva

043

Molecular classification of vulvar squamous cell carcinoma (VSCC) on diagnostic biopsy is highly concordant with final resection specimen: earlier prognostic information to guide personalised medicine

Lars-Christian Horn, Germany

M. Forberger, M. Alfaraidi, R. Hiller, L. Hoang, B. Gilks, A. Hoehn

044

Nectin-4 expression in vulvar squamous cell carcinoma (VSCC)

Lars-Christian Horn, Germany

B. Wolf, M. Forberger, R. Hiller, A. Hoehn

045

TROP-2 expression in vulval carcinoma – correlation to molecular subtype

Lars-Christian Horn, Germany

R. Hiller, M. Alfaraidi, L. Hoang, A. Jamieson, Y. Drew, B. Gilks, J. McAlpine, B. Wolf, A. Hoehn

046

Immune microenvironment in serous carcinoma of the fallopian tube

Nataliia Hyriavenko, Ukraine

M. Lyndin, K. Sikora, Y. Lyndina, A. Shamrai,
O. Polozhiy, D. Tsepochnko, A. Romaniuk

047

Pathological examination of the placenta in COVID-19-positive mothers

Aleksandra Ilic, Serbia

K. Malešević, T. Lakić, M. Živojinov, M.
Stojić, M. Panjković

048

Concurrent papillary thyroid carcinoma in struma ovarii and multifocal serous carcinoma of the fallopian tube: a novel case report

Diana Gabriela Iosep, Romania

M. Tanasă, M. Danci

049

Concurrent loss of SMARCA1 and SMARCA4 in two cases of dedifferentiated endometrioid adenocarcinoma: report of an unusual phenomenon

Nuruddin Mohammad Iqbal, India

R. Sood, R. Rathore, S. Mathur, J. Meena, R.
K.

050

Overview of genomic alteration in ovarian high-grade serous carcinoma with therapeutic response

Ji-Seon Jeong, Republic of Korea

U. Jo

051

An unusual pattern of divergent p57 expression in products of conception with discordant villi

Lisa Johnston, United Kingdom

A. Snaddon, L. McMahon, L. Christie

052

CD44 and CD133 cancer stem cell markers as indicators for aggressive ovarian tumours

Ljubisa Jovanovic, Serbia

B. Susic-Jurjevic, A. Cirkovic, S. Dragicevic,
B. Filipovic, S. Milenković, S. Dugalic, M.
Gojnic-Dugalic, A. Nikolic

053

p16 and COX-2 expression on the prediction of progression to endometrial cancer and endometrial hyperplasia

Michelle Jordana Jurado Rivera, Spain

V. Davila Flores, M. Gálvez-Medina, J. Osuna
Soto, F. Leiva-Cepas

054

Non-gynaecological tumours that metastasize to the gynaecological tract: a single centre experience

Hilal Kandemir, Turkey

055

Enterobius vermicularis induced Bartholin gland abscess

Sahar Kanoun, Tunisia

S. Makni, S. Graja, L. Bouzidi, S. Hidouri, T.
Sellami Boudawara, M. Zghal

056

Prognostic significance of lymph node involvement and histological reaction patterns in ovarian serous borderline tumours

Jisup Kim, Republic of Korea

K. Kim

057

Uterine leiomyoma with signet-ring-like cells: a case report

Olga Kouroukli, Greece

E. Kourea

058

Mature teratoma of the ovary with struma and Brenner tumour, attached to ovarian fibroma: a case report

Panagiotis Kousidis, Greece

S. Androniadou, G. Karagiannis, V.
Christoforidou, S. Mavropoulou, A.
Nikolaidou

061

Diagnosis of metastatic disease in patients with borderline mucinous tumour of the ovary

Alexandra Lapa, Portugal

M. Alzamora, P. Rodrigues Veiga, R. Dias, C.
Bartosch

062

Serous carcinoma with squamous metaplasia in a uterine carcinosarcoma: a case report and literature review

Carolina Leal, Portugal

A. Marques, R. Portugal

063

Clinicopathological significance of nucleosome remodeling and deacetylase complex expression in endometrial carcinoma

Sanghwa Lee, Republic of Korea
J. Chu, S. Do, H. Kim

064

Morphological and immunohistochemical approach to the diagnosis of female adnexal tumours of wolffian origin (fatwo) and stk11 adnexal tumour: a study of 6 cases

Beatrice Maghini, Italy
M. Sant'Angelo, A. Muncicchi, G. Sabetta, A. Bergamini, G. Taccagni

065

Endosalpingiosis: a histological surprise of unusual location

Ines Mallek, Tunisia
R. Ayadi, E. Brahem, R. Yaiche, K. Mekni, O. Ismail, S. Ben Slama, A. Ayadi

066

Accuracy of confocal microscopy diagnosis in vulvar biopsies

Lorena Marimón, Spain
S. Lopez-Prades, I. Matas, L. Sisuashvili, K. Darecka, C. Marti, A. Saco, N. Carreras, M. Del Pino, J. Ordi, N. Rakislova

067

STRN3-NTRK3 gene fusion in spleen metastasis by undifferentiated uterine sarcoma: report of a case

Stefano Marletta, Italy
E. Cavallo, N. Rudini, L. Terracciano, S. Pafumi, M. Caruso, F. Martorana, C. Carnaghi, P. Vigneri, A. Rizzo, P. Colombo

068

HER2 overexpression in uterine serous carcinoma in a tertiary referral centre: a 5 year review

Joseph Morris, Ireland
D. Gibbons

069

Fumarate hydratase deficiency in uterine leiomyomas: a case report

Eleonora Nardi, Italy
L. Pugliese, M. Pieroni, G. Carignani

070

Membranous dysmenorrhea in a patient with Turner's syndrome: a case report

Lusine Nazanyan, Armenia
P. Khachatryan

071

HPV positive cervical squamous cell carcinomas: association with expression of p16, p53 and Ki67

Jurijs Nazarovs, Latvia
K. Biserova, D. Krišāne, A. Dudorova, I. Lindenberga, L. Sokolovska, M. Issagulians, S. Dubencovs

072

Carcinosarcoma of the uterus in a 76-year old woman: a case report on a rare and aggressive disease

Sofia Neves, Portugal
F. Sousa Vieira, D. Sá, A. Rodrigues, N. Jorge Lamas

073

Evaluation of the pathological response of ovarian serous carcinoma to neoadjuvant chemotherapy: a case series

Zeineb Nfikha, Tunisia
S. Ben Tekaya, T. Tlili, I. Bahri, D. Chiba, M. Mokni

074

New model of immune-mediated model of preeclampsia – experimental research

Natalia Nizyaeva, Russia
K. Artemyeva, E. Ponomarenko, A. Akhmetshina, I. Stepanova, E. Kuznetsova, A. Stepanov, L. Mikhaleva

075

Female pelvic and gynaecological solitary fibrous tumour: case presentation and clinicopathological analysis of cases reported in the literature

Donna O'dwyer, United Kingdom
F. Roberts

076

Pure non-gestational ovarian choriocarcinoma and clear cell adenofibroma, a rare germinal-epithelial coexistence: a case report

Ainhoa Ordoñez, Spain
M. Resano Abarzuza, M. Rezola, M. Conde, D. Ugas Burranca, M. Carillo Cobarro, I. Ruiz Díaz

078

Invasive stratified mucin-producing carcinoma of the uterine cervix: comparison of its clinicopathological characteristics and programmed death-ligand 1 expression status with other endocervical adenocarcinomas

Cheol Keun Park, Republic of Korea
Y. Cho, J. Lee, S. Choi, H. Kim

079

DOCK4 and ISM2 are robust immunohistochemical markers of extravillous trophoblast in placenta accreta spectrum disorders and normal placenta

Carlos Parra-Herran, USA
G. Neville, H. Yu, D. Davis, B. Quade, D. Carusi, L. Hsu Lin

080

High grade endometrial endometrioid carcinoma: a case report of complete transdifferentiation to pilomatrix-like carcinoma (PiMHEC)

Gabriela Patrichi, Romania
A. Patrichi, R. Soslow, S. Stolnicu

081

Late recurrence of a growing teratoma syndrome-like lesion in a 54-year-old female: a case report

Gabriela Patrichi, Romania
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Primary carcinoid tumours of the ovary arising in mature cystic teratomas: a clinicopathological study of 5 cases

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Andleeb Abrari, *United Kingdom*

U. Mukherjee, K. Akhtar

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Carmen Tatiana Alfaro Cazon, *Argentina*

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Anil Alpsoy, *Turkey*

S. Boztekin, G. Elpek

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Ana Alves, *Portugal*

J. Pimentel, R. Pina, M. Cipriano

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Fluid overload-associated large B-cell lymphoma: a case report and literature review

Bruno Bernardo Ardaya Lopez, *Spain*

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D. Monzon Diaz, M. Bastos Oreiro, F.

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K. Shikano, K. Yamazaki, K. Mori, Y. Sogame,

Y. Hashimoto, S. Kawana, M. Kashimura

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Khouloud Ben Lazreg, *Tunisia*

S. Ben Hammouda, S. Mabrouk, N. Ellouze,

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Unveiling molecular insights in lymphoma-like lesions of the lower genital tract: a comprehensive six-patient study

Gabriela Caballero, *Spain*

G. Frigola, A. Saco, M. López, D. Colomer, I.

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Gallego, F. Climent, E. Campo, B. Gonzalez-

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A fibroblastic reticular cell tumour as unexpected diagnosis

Inmaculada Catalina-Fernandez, *Spain*

A. Caro Romero, J. Sanz Repetto, R. Avila

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N. Maira González, D. Corrales Mateo, A.

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A. Birceanu, I. Mergeanu, T. Turcu, R.

Grigore, G. Halcu

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Silvia Gamba Torrez, Spain

S. Rubio Mediavilla, A. Hogeboom Gimeno, T. Zudaire Fuertes, A. Esteban Figuerola, J. Alberdi Ballina, J. Sola Gallego

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CD30 negative T-cell lymphoma with ALK rearrangements: a first case of CD30 negative ALK positive anaplastic large cell lymphoma?

Javier García-Gómez, Spain

A. Muñoz, G. Martín-Small, K. Matute-Molina, A. Martín Franco, L. Varo Navarro, C. Sanz, A. Hernández, J. Mate, G. Tapia

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Belén Garzon Prieto, Spain

M. Villar Espada, M. Suárez Sánchez, L. Pérez Ortega, J. Borrero Martín

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Kimura's disease: a case report

Marco Asier Gil Galvín, Spain

M. Veras Lista, E. Revilla Sanchez

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Claudia Andrea Gomez Gonzalez, Turkey

M. Hekimgil, N. Ozsan, A. Gunes, N. Soyer, S. Bozer, B. Durmaz, H. Akin, M. Tobu, D. Demir

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The importance of histopathological features of bone marrow aspirate smear and trephine biopsy in myelodysplastic syndrome

Irem Guvendir, Turkey

I. Zemheri, A. Kaya, E. Kilicaslan

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Pathohistological and clinical correlation in patients with multiple myeloma

Stefan Ivic, Serbia

I. Stanišić, Z. Milić, V. Trivunović, J. Baljak, T. Lakić

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Follicular lymphoma of the ocular adnexa: a clinicopathological study of 15 cases

Berik Kaliullayev, Spain

J. Martinez, P. López, N. Fullana, M. Cortés, M. Gomà Gallego, M. Abia, H. Iliev, M. Paúles, J. Azcarate, J. Bosch, F. Climent

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Shazia Khan, USA

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Olga Kuczkiwicz-Siemion, Poland

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Rachel Lockhart, Ireland

L. McKenna, O. O'Brien

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Ana López Prieto, Spain

J. Machuca Aguado, R. Rendon, J. Villar, J. Ríos

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Clinicopathological analysis of splenectomy's role in splenic lymphoma management: a two-decade retrospective study

Victor Macarrón, Spain

M. Abad, M. De Uribe Viloria, E. García Fernandez, G. Olmedilla

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Myeloid sarcoma (MS) presenting as skin tumour in paediatric acute myeloid leukemia (AML)
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L. Dubouis, E. Poullot, C. Robe, E. Lechapt, P. Gaulard

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A rare case of ureteral diffuse large B-cell lymphoma emerging in a patient with Polycythemia Vera JAK2 V617F mutation: a unique presentation
Nabila Moulai, Algeria
M. Amtout, M. Guermi, R. Bennoui, G. Ifaidi, W. Ouahioune

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Epidemiological and pathological profiles of T/NK cell lymphomas: a retrospective study
Nabila Moulai, Algeria
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Primary hepatic extranodal marginal zone lymphoma: an extremely rare entity presented in a colonic adenocarcinoma patient

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B. Özbek, N. Alhan, O. Salim, I. Kuzu

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Follicular lymphoma with diffuse growth pattern and CD23 expression: a series of 15 cases diagnosed in our hospital during the 2014-2024 period

Yaiza Rey Fanjul, Spain

E. Mateo Álvarez, C. Grau Polo, D. Rodriguez Villar, P. Gonzalvo Rodríguez, J. Cuevas Fernández, E. Asensi Miranda, R. Rodríguez Aguilar

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Composite classic Hodgkin lymphoma and follicular lymphoma: case report of a rare and poorly characterized entity

Diogo Sá, Portugal

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Beyond the unusual: a trifecta of vascular transformations

Ana Santos, Portugal

R. Oliveira, P. Lupi

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Myelomastocytic leukemia: an understated entity, a case report

Anna Sifre-Ruiz, Spain

M. Buda, A. Cordovilla Morneo, C. Esquina Rodriguez, I. Etxebarria Fernandez, M. Alarcón-Amaya, V. Moreno-Nieto

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Plasmablastic lymphoma of the oral cavity in an immunocompetent elderly patient-case presentation and review of literature

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Systemic amyloidosis associated with chronic lymphocytic leukemia: clinical and pathological study

Oksana Sudareva, Russia

E. Ignatieva, S. Lezhenina, E. Guryanova

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Clinicopathological insights into primary breast diffuse large B-cell lymphoma: a case series

Antonia Syrnioti, Greece

K. Boulogeorgou, S. Chatzileontiadou, C. Frouzaki, A. Fola, I. Xenidis, T. Koletsis

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Extranodal Burkitt's lymphoma presented as an epidural mass of the thoracic spine – a rare case

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K. Chatzidimitriadis, M. Apostolidou, S. Stamatou, A. Orfanidou

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Ana Elisa Teles, Portugal

F. Soares Nogueira, S. Carralas Antunes, A. Galzerano, D. Gomes Pinto

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Plasmablastic lymphoma of thyroid in an HIV-negative patient: a case report

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G. Pazarlis, C. Roubas, G. Kakiopoulos, C. Paschalidi, T. Choreftaki

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Acute erythroid leukaemia, analysis of two cases

Eva Maria Vazquez Tarrío, Spain

A. Díez Fernández, L. Astilleros Blanco de Cordova, E. Revilla Sanchez

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Study of three cases of follicular variant of peripheral T cell lymphoma (PTCL) – a rare and aggressive subtype of nodal lymphomas of T follicular helper (Tfh) phenotype

Surabhi Vidhale, India

N. Oza, S. Gujral, S. Kane

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A case of adult T-cell leukemia/lymphoma with HTLV-1-infected Hodgkin and Reed-Sternberg-like cells

Daisuke Yamashita, Japan

S. Bamba, K. Karube, T. Ishikawa, S. Hara

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Follicular lymphoma nomenclature according to the WHO 2022 classification: How much has changed in the daily routine?

Nese Yeldir, Turkey
A. Cakir

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Atypical lymphocytic lymphoma transitioning into dendritic cell sarcoma after bruton's tyrosine kinase inhibitor treatment
Juzzy Tatiana Zúñiga Gaitán, Spain
M. Bosch Schips, A. Montaña Ramirez, J. Castellvi Vives

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Molecular Diagnostics Pathology Symposium

001

Molecular aberrations in non-high risk neuroblastoma progressing to high-risk neuroblastoma

Rixt Bruinsma, The Netherlands
M. Dierselhuis, W. de Leng, L. Kester, M. van Noesel, L. Tytgat, K. van de Ven, M. Wijnen, R. de Krijger, L. van der Steeg

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mRNA expression level of ALK in neuroblastoma is associated with histological subtype, ALK mutations and ALK immunohistochemical protein expression

Rixt Bruinsma, The Netherlands
M. Fiocco, W. de Leng, L. Kester, K. Langenberg, L. Tytgat, M. van Noesel, M. Wijnen, L. van der Steeg, R. de Krijger

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Prognostic value of molecular aberrations in low- or intermediate-risk neuroblastomas: a systematic review

Rixt Bruinsma, The Netherlands
C. Lekkerkerker, M. Fiocco, M. Dierselhuis, K. Langenberg, M. van Noesel, L. Tytgat, M. Wijnen, L. van der Steeg, R. de Krijger

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BRAF-mutated tubular eccrine adenoma
Alicia Córdoba, Spain
I. Fernandez, M. Mercado, C. Llanos, J. Yanguas, D. Guerrero

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Immunological changes in gut barrier function by pro-inflammatory biomarkers linked ROS-cell death mechanisms by flow cytometry methods in Romanian liver cirrhosis patients

Elena Matei, Romania
A. Dumitru, G. Cozaru, A. Chiso, L. Alexandrescu, R. Popescu, M. Pundiche Butcaru, E. Dumitru, S. Rugină, C. Toci

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The effect of isocitrate dehydrogenase 2 (IDH2) gene variation and tert gene variation in prostate cancer

Ferda Özkan, Turkey
S. Güleç Yılmaz, T. Akdeniz, T. Isbir

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Molecular diagnostic characteristics in non-small cell lung carcinomas (NSCLC) and its relationship with the PD-L1 expression

Aysenur Sert, Turkey
A. Sadioğlu, Ö. Ekin, B. Ögüt, M. Inan, N. Akyurek

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Comprehensive pan-cancer analysis of FRS2 gene alterations and protein expression in the TCGA (The Cancer Genome Atlas) cohort – a genome database study

Mimna V M, India

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Neuropathology

001

Clival IgG4-related hypertrophic pachymeningitis

Sadeq Al-Dandan, Saudi Arabia
T. Al-Haloully, M. Bafaqeeh, M. Tashqandi, M. Mohajry

002

Fatal invasive rhinocerebral aspergillosis with Hülle cells in a young immunocompetent male

Sadeq Al-Dandan, Saudi Arabia
M. Bafaqeeh, A. AlSawadi, F. Alkhureeb

003

Spinal ependymoma with eosinophilic hyaline droplets and rounded globular bodies

Sadeq Al-Dandan, Saudi Arabia
J. Al-Obeid, J. Majrashi, A. Almalki, A. AlHussain, I. AlAhmad

004

Contribution of immunohistochemistry in the diagnosis of brain metastases

Rania Aouadi, Tunisia
A. Zehani, A. Ayari, A. Khadhar, I. Chelly, H. Azouz, K. Bellil, S. Haouet

005

Histologically heterogeneous paediatric glioneuronal tumour with FG-FR1::TACC1 fusion

Erva Bengu Balaban Yilmaz, Turkey
C. Sönmez, F. Aker

006

Connecting the dots: molecular pathology contribution in brain tumours of young patients

Robert Alexandru Barna, Romania
A. Lamy, S. Vautier, C. Lazureanu, D. Herman, A. Dema, J. Sabourin, F. Marguet

007

Diagnosis of toxoplasmosis in brain biopsy

Irene Blázquez Muñoz, Spain
B. Kaliullayev, M. Gomez, J. Martinez, N. Vicente, J. Rodriguez, A. Domingo, N. Vidal

008

Neuropathological features of non-diffuse midline "neuroepithelial" tumours H3K27-altered: a single centre experience

Antonio D'amati, Italy
A. Mastronuzzi, A. Olivi, F. Vegni, C. Mazzarella, L. Massimi, M. Gessi

009

RB1-altered pineoblastoma presenting as diffuse leptomeningeal lesion in a familial retinoblastoma patient

Antonio D'amati, Italy
A. Ruggiero, E. Miele, F. Vegni, G. Attinà, S. Mastrangelo, L. Massimi, M. Gessi

010

Clinical and pathological features of solitary fibrous tumours in the central nervous system: a series of 14 cases

Yasmine Dhoubi, Tunisia
A. Zehani, A. Ayari, A. Khadhar, I. Chelly, K. Bellil, S. Haouet

011

Primary isolated central nervous system lymphomatoid granulomatosis

Yasmine Dhoubi, Tunisia
A. Zehani, K. Ghedira, I. Dhkhil, A. Ayari, A. Khadhar, I. Chelly, H. Azouz, K. Bellil, S. Haouet

012

Unveiling prognostic significance: Ki67 and CD44 expression in grade 2 meningiomas

Yasmine Dhoubi, Tunisia
A. Zehani, A. Ayari, A. Khadhar, I. Chelly, K. Bellil, H. Azouz, S. Haouet

013

Paediatric intracranial angiomatoid fibrous histiocytoma with ESWR1::CREB1 gene fusion: a case report

Pauline Mae Dy, Philippines
K. Wahing, J. Bañez, E. Yturralde, E. Muñoz, S. Aw, K. Chang, G. Ozoa

014

Comparative analysis of histopathological features in grade 2 meningiomas with and without brain invasion

Sumeyye Ekmekci, Turkey
İ. Eraslan, Y. Adalı, B. Özamrak, M. Bozdağ, D. Ayaz, E. Pala

015

Central nervous system tuberculosis: a single-institution experience over 15 years

Omar El Mnif, Tunisia
A. Zehani, A. Ayari, A. Khadhar, I. Chelly, H. Azzouz, K. Bellil, S. Haouet

016

Diffuse hemispheric glioma H3G34-mutant: a review of a case series

Francisco De Asís Gallardo Chamizo, Spain
E. Rivas Infante, R. Ávila Polo, E. Montijano Pozas, R. Rodríguez Rodríguez, L. Mosteiro González, L. Zaldumbide Dueñas

017

Solitary fibrous tumours: a case series
Hilal Kandemir, Turkey

018

Idiopathic granulomatous hypophysitis: a challenging diagnosis

Sahar Kanoun, Tunisia

M. Bouhamed, F. Kolsi, I. Dammak, S. Hidouri, C. Chaari, T. Sellami Boudawara, S. Makni

019

An unusual polyphenotypic cerebral tumour: where does the fifth-edition of the WHO Classification of Tumours of the CNS stands?

Rhea Khazen, Lebanon

C. Kesrouani

020

Beyond morphology: paediatric central nervous system tumours with NTRK fusions

Gülsah Kolak Gözüküçük, Turkey

T. Söylemez Akkurt, F. Kuşku Çabuk, B. Koçak, A. Erşen Danyeli

021

The relationship between primary organ and location in brain metastases: a 10-year experience of a single institute

Deniz Köse, Turkey

S. Nalbant, M. Karakus, C. Tanik, F. Kabukcuoglu

023

Atypical presentation of a meningioma

Liliana Leon, Spain

M. Gómez Mateo, N. Marínez Arnau, N. Estrada Mallarino, S. Hakim Alonso, J. Alfaro Torres, M. Guerrero

024

Primary desmoplastic round cell tumour of the central nervous system with EWS-R1::WT1 rearrangement: a case report

Enriqueta Montijano Pozas, Spain

E. Rivas Infante, C. Ramírez Sánchez, F. Gallardo Chamizo, P. Solano Páez, M. Rivero Garvía

025

Predictive value of digital analysis of ki-67 in schwannomas with relapses after gross total resection

Dzhamilia Murzaeva, Russia

N. Matiashina, A. Musikhina, A. Bunyat, D. Matveeva, A. Sufjanov, Y. Zabrodskaya

027

Correlation of histopathology, electromyography and laboratory findings in non-specific myositis

Filippo Nozzoli, Italy

L. Tei, E. Nucci, G. Baroni, M. Capassoni, F. Galluccio, D. Massi, S. Guiducci

028

In-vivo fluorescein-assisted confocal laser endomicroscopy is a promising intraoperative tool in patients with glioblastoma: results from a prospective study

Filippo Nozzoli, Italy

G. Muscas, E. Nucci, F. Ugolini, D. Massi, A. Della Puppa

029

Sebaceous adenoma arising in intraventricular ruptured dermoid cyst: report of a rare case

Birsen Gizem Özamrak, Turkey

S. Ekmekci, Y. Pekcevik, H. Benek

030

An extremely rare case of bone metastases in a patient with grade 4 IDH-mutant astrocytoma

Ana Pestana Lopes, Portugal

R. Lyrrio, M. Mafra

031

Estimation of microvascular density in meningioma and its correlation with WHO histological grade

Iswarya S Nair, India

A. Mathews, N. Radhakrishnan, J. K M

032

Primary intracranial sarcoma, DICER1 mutant – case report of a very rare and recently described entity

Diogo Sá, Portugal

G. Carrola, M. Mexia, R. Taipa, M. Pinto, A. Coelho, F. Costa, J. Vizcaino

033

Solid growth pattern with at least focal comedonecrosis is suggestive of the mammary origin of brain metastases: a clinico-pathologic study on a series of 30 cases

Serena Salzano, Italy

J. Farina, R. Caltabiano, L. Salvatorelli, G. Angelico, G. Vecchio, G. Magro, G. Broggi

034

Metachrone glioblastoma in survivors of carcinoma

Veronica Scripcaru, Romania

L. Eva, G. Dumitrescu, A. Scripcaru, A. Dumitrescu, A. Sava

035

ALK-positive histiocytosis in the spinal cord of an infant, mimicking a glial tumour

Maria Senchenko, Russia

N. Myakova, A. Drui, L. Papusha, D. Konovalov

036

Pleomorphic xantastrocytoma with receptor tyrosine kinase fusions: histologic and immunophenotypic features – overview of three cases

Maria Senchenko, Russia

L. Papusha, A. Drui, D. Konovalov

037

Loss of H3K27me3 in meningiomas: a multicentre study

Cansu Sönmez, Turkey

A. Erşen Danyeli, Ş. Çetin, İ. Kulaç, F. Aker

038

SOX10 expression in hemangioblastomas – an immunohistochemical study of 27 cases

Jiri Soukup, Czech Republic

D. Netuka

039

Morphology and immunohistochemistry with surrogate molecular markers diagnose most brain tumours: highlights on the balance between microscopy and genetic diagnosis of brain tumours in the clinical practice

Albert Vamanu, United Kingdom

S. Downes, C. Troakes, R. Laxton, I. Bodi, Z. Reisz, S. Al-Sarraj

040

Next generation sequencing of 400 adult-type diffuse gliomas revealed diverse oncogenic fusions with potential therapeutic impact

Albert Vamanu, United Kingdom

K. Eggleton, R. Ellmers, P. Hirani, C. Limbachia, L. Bhaw, R. Laxton, I. Bodi, S. Al-Sarraj, Z. Reisz

041

Retinal vasculopathy with cerebral leukodystrophy – a case report

Aimée Jayciline Cicley Van Der Biezen, Spain

M. Villca Huayta, C. Vieru, F. Arias

042

Brain-tissue textiloma: a potential diagnostic pitfall

Aysen Yavuz, Turkey

B. Altunay, G. Ocak, İ. Gürer

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Other Topics

001

The frequency and impact of missed histopathology reports

Sara Al Harthi, Oman

R. Al Ajmi

005

Efficacy of a peer to peer histopathology education scheme to improve engagement at a UK medical school

Elizabeth Bearblock, United Kingdom

A. Chang, S. Cadman, E. Jackson, M. Kalogeropoulou, J. Knight, M. Pandiaraja, C. Soh

006

Unusual, isolated localizations of Kaposi sarcoma: a series of 6 cases

Oussama Belkacem, Tunisia

I. El Hadhri, H. Hamchi, M. Krifa, S. Mestiri, Z. Lajmi, M. Mokni

007

Scurvy, still among us

Iraide Bernal Simón, Spain

D. Ugás Burrenca, A. Ordóñez Arrillaga, M. Conde Ferreiros, A. Ezkurra Altuna, Y. Rodriguez, A. Juaristi, N. Segués Merino, M. Silva Carmona, I. Ruiz

008

Reduce, reuse, and recycle (3R) in pathology department: do we know how to do?

Begum Calim-Gurbuz, Turkey

S. Dursun, G. Kolak Gözüküçük, Y. Ulu, R. Dogukan, Z. Tosuner

009

Mucosal melanomas: insights into clinicopathological and molecular profile in a series of 41 cases

Antonio Carrasco Lorenzo, Spain

C. Teixido, N. Castrejon, C. Montironi, A. Saco, J. Lop, R. Albero, A. García, L. Alos

011

Assessment of safety measures in pathology laboratories and evaluation of infectious, tumourous, and physical risks: the first survey in Morocco reviewing current practices

Sanae Chaib, Morocco

J. Kharmoum, M. Eljjar, I. Eliahia, K. Morabit, O. Faraji, Z. Ayoubi, G. Erradi, M. Chraïbi

012

Clinical-pathological correlations and immunohistochemical analysis of 13 primary Merkel cell carcinoma cases

Corina Costras, Romania

M. Craescu, P. Chiriac, S. Sabo, T. Tebeica

013

Revisiting dajani scoring system for assessing male infertility: a new standard for testis biopsies?

Guillaume Courtoy, Belgium

G. Tagmouti, L. Demoster, S. Khajjou, C. Degailler, H. Locy, R. Forsyth, W. Waelpu

014

Cutaneous piloleiomyomas with fumarate hydratase deficiency: a retrospective study

Maria Teresa Dawid De Vera, Spain

C. Ramirez Sánchez, E. Gallego Domínguez, I. Hierro Martín

015

Intrathoracic primary malignant mesenchymal tumours: a single centre study

Aysenur Demirci, Turkey

M. Toker, M. Inan, N. Akyurek, G. Esendagli

017

Updating macroscopic examination protocols and introduction of scientist histodissection – a quality improvement project

Adam Freegrove, Ireland

S. Al Mandhari

018

Audit on addendum reports with focus on report coding

Leticia Gallego, Ireland

F. MacSweeney

019

PRAME in melanocytic lesions and its correlation with TILs

Leticia Gallego, Ireland

F. MacSweeney

021

Extragenital germ cell tumours: 24 years cases review

Laura Hato Salmón, Spain

V. Macarrón, M. Esteban-Rodríguez, R. Regojo Zapata

022

Inhalation of lead nanoparticles induces cytoskeletal changes in the brain corresponding to neurodegenerative diseases

Adriana Jedlickova, Czech Republic

D. Kristekova, P. Coufalík, L. Vrlikova, L. Alexa, D. Luskova, K. Krumal, V. Jakesova, Z. Vecera, A. Hampl, P. Mikuska, J. Dumkova, M. Buchtova

023

Cutaneous Immunoglobulin A (IgA) associated lymphocytic vasculopathy: a diagnostic dilemma resolved on immunofluorescence

Adil Aziz Khan, India

A. Yadav

024

Inter-assay comparison of two PD-L1 IHC 22C3 pharmDx Assays for Dako Autostainer Link 48 (SK006) and Omnis (GE006) in different cancer types

Heidi Lykke Kristoffersen, Denmark

R. Røge, S. Nielsen

025

A rare case of primary localized cutaneous nodular amyloidosis with extensive osseous metaplasia

Faris Kubba, United Kingdom

L. Ian

026

Popular eczema mimicking popular mucinosis in a young patient, a diagnostic pitfall

Faris Kubba, United Kingdom

L. Ian, M. Ratynska

027

Morphologic diagnostic significance of microanatomical melanoma metastasis location in sentinel lymph node

Milda Kupryte, Lithuania

G. Belevičiūtė, P. Skučaitė, J. Makštienė, L. Poškienė

028

Malakoplakia manifesting as a pelvic mass: a case report

Zaineb Lajmi, Tunisia

S. Yacoub, S. Mestiri, M. Mokni

029

A unique presentation of lupus tumidus showing improvement with sun exposure

Nicholas Lao, Canada

A. Wang

030

Extensive immunophenotyping of circulating tumour cells for diagnostic monitoring in gastrointestinal cancer in correlation with conventional histological classification in gastric and colorectal cancer

Phillip Loehr, Germany

J. Waidhauser, P. Grochowski, N. Reitsam, B. Grosser, F. Sommer, A. Rank, B. Märkl

031

Two new cases of neutrophilic sebaceous adenitis: an extremely rare entity

Maria-Alexandra Matanie, France

L. Rames, P. Vuattoux, Z. Christelle, N. Ortonne

032

Two incidental cases of well-differentiated papillary mesothelial tumours

Osman Furkan Mülkem, Turkey

N. Şeker, E. Dündar

033

Rosai-Dorfman disease: a report of 5 cases and review of literature

Leila Njim, Tunisia

M. Hamzaoui, A. Ben Mabrouk, S. Mabrouk, S. Ben Hammouda, A. Zakhama, A. Bellalah

034

Novel use of simulation in histopathology training – the histopathology bootcamp

Ross O'carroll, Ireland

R. Farrell, F. Kelly, D. Byrne, S. Phelan, L. Aalto

035

Cutaneous metastases of solid tumours – a single institution experience with small dermatological biopsies

Ivana Petrovic, Serbia

K. Kundovic, D. Petrovic, M. Bosić, J. Stojković Filipović, D. Škiljević, M. Mijuskovic, B. Lekić, S. Minić, M. Gajic Veljic, V. Reljić, D. Zivanovic, J. Perić, M. Petrovic, E. Manojlović Gačić

036

Pilomatrixcarcinoma: when histology meets immunohistochemistry to perform a diagnosis

Eduardo Ponce Casas, Spain

F. Felipe Berlanga, S. Garcia Fuertes, R. Vilorio, M. Garcia Garcia, C. Cabañuz Rocatallada, L. Requena Caballero

038

Regarding 2 cases: breast implant-associated anaplastic large cell lymphoma

Melissa Alejandra Riera Bello, Spain

L. Luizaga Velasco, J. Lopez Diaz, A. Calderon Romero, C. Ferrer Cassado, C. Gonzales Minguez, X. Tarroch Sarasa

039

Impact of prolonged ischemia and fixation time on tonsil specimens stained with PD-L1 IHC 22C3 pharmDx

Charlotte Roach, USA

K. Kersch, J. Musser, S. Tabuena-Frolli, S. Hund, K. Kulangara

040

Cost-effectiveness for companion BRCA testing and adjuvant olaparib treatment in patients with BRCA mutated high-risk HER2-negative early breast cancer

Elizabeth Sheppard, United Kingdom

W. Ma, Y. Puneekar, G. Sagoo, S. Nikolova

041

Natural and accidental deaths depicted on postmortem computed tomography: a case series

Nadia Solomon, USA

J. Elifritz, N. Adolph, H. Sanchez, B. Gosangi, J. Kroll, B. Daly, D. Gascho, M. Thali, S. Thorn, M. Revzin, A. Sinusas

042

Chromosome 12p amplification and p53 abnormalities appear to be rare events in spermatocytic tumours (ST) with conventional morphology

Andrea Strakova Peterikova, Czech Republic

D. Trpakova, P. Steiner, P. Martinek, M. Michal, K. Michalova

043

Changes in biochemical parameters and expression of the Hif-1a gene in rat dermal fibroblast culture cells under hypoxic exposure

Natalia Tikhonova, Russia

E. Ponomarenko, M. Diatroptova, V. Mkhitarov, N. Zolotova, K. Artemyeva, O. Makarova

044

Interaction of endogenous adipose tissue with injured uterus as an indicator of uterine wound healing

Natalia Tikhonova, Russia

V. Aleksankina, A. Milovanov, T. Fokina, E. Kuznetsova, N. Nizyaeva, L. Mikhaleva

045

Review of specimen labelling in a tertiary referral centre (TFC)

Leah Timon, Ireland

R. O'Connor

046

Early activation of neutrophils in an early lupus model of systemic lupus

Ana Paula Velosa, Brazil

S. Carrasco, B. L. Liphaut, T. Vasconcelos Peixoto, T. Martins Lima, S. Catanozi, L. Gomes Rodrigues, A. Dos Santos Filho, W. Paganelli Rosolia Teodoro, D. Levy, F. Garcia Soriano, C. Goldenstein-Schainberg

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E-Posters

Paediatric and Perinatal Pathology

001

Placental involvement in multiple sulfatase deficiency

Caterina Antoniacomi, Italy

G. Fiandrino, S. Cesari, A. Arossa, F. Sirchia, F. Inzani

002

Exploring the diversity of placental heterotypic tissue: insights from two case reports

Julia Azevedo, Portugal

A. Varelas, J. Pacheco, A. Costa Braga

003

Case report: ileo-ileal intussusception caused by ileal angiomyolipoma in 13-year-old female

Gorkem Bal, Turkey

E. Kul, C. Tanik, F. Kabukcuoglu

004

Correlation of the umbilical cord coiling pattern and foetal outcome: a single-centre observational analytical study

Diana Paula Burlacu, Romania

A. Burlacu, E. Ladanyi, B. Szabo, P. Calburean, T. Mezei

005

Paediatric small round blue cell tumours: immunohistochemical approach on small biopsy

Giorgia Cacciola, Italy

G. Attanasio, S. Poidomani, L. Salvatorelli, G. Angelico, G. Magro

006

Epidemiological characteristics and anatomopathological aspects of paediatric autopsies in a specific region

Juliana Carneiro Melo, Brazil

Á. Macêdo Freire, A. Carvalho Ferraz, V. Régia Oliveira Almeida, A. Galdino Saraiva, J. Oliveira Fernandes, S. Samuel Feitosa Machado, C. Gleidiston Lima da Silva

007

Histopathological characterization of Eosinophilic oesophagitis in children at a private laboratory in Northeast Brazil: 2012-2023

Juliana Carneiro Melo, Brazil

D. Nunes Oliveira, H. Baltasar Ribeiro Nogueira, H. Neves Feitosa Filho, A. de Carvalho Assunção, E. Correia Eulálio, J. Pedro Veras Torres, E. Sampaio de Lima, G. Ferreira Morgantteti, G. Alencar Medeiros, G. Azevedo Silveira

008

Intracardiac yolk sac tumour in a 2-year-old child: histopathological and immunohistochemical insights – a rare case report

Paula Loredana Chiriac, Romania

A. Vasile, R. Tanasă

009

Pure high-grade foetal adenocarcinoma of the lung of a 17-years-old girl: case report

Paula Loredana Chiriac, Romania

R. Tanasă, F. Vasilescu, A. Enculescu, A. Vasile

010

Congenital infantile fibrosarcoma with ETV6::NTRK3 fusion of the oropharynx: a case report

Yikyong Chun, Republic of Korea

011

Difficult diagnosis in an aggressive non-Hodgkin lymphoma with atypical evolution

Teodora-Elena Ciolan, Romania

A. Loghin-Ostafi, C. Șerban, D. Mihăilă, E. Cojocaru, C. Acatrinei, D. Zamosteanu

012

High grade round cell sarcomas with BCOR alterations – case report

Ljubica Cukovic, Serbia

L. Simić, J. Stefanović, G. Nikolic

013

Congenital oesophageal stenosis – a report of two cases

Miloš Đuknić, Serbia

J. Jevtić, M. Jovanović, S. Glumac, S. Sindić Antunović, M. Lukač, D. Vujović, N. Ristić, R. Jankovic

014

A giant congenital cervical teratoma: a case report of a non-well-known entity

Guillermo Escuer-Albero, Spain

M. De Uribe Vilorio, I. Sánchez Ramírez, R. Regojo Zapata, J. Pozo Kreilinger

015

A case report of giant oesophagogastric tumour in a paediatric patient, emphasizing the importance of clinicopathological and genetic testing for accurate diagnosis

Silvia Gamba Torrez, Spain

S. Rubio Mediavilla, T. Zudaire Fuertes, A. Hogeboom Gimeno, H. Hernández Vargas, R. Narvaiza Martinez, J. Sola Gallego

016

Chronic chorioamnionitis with plasma cell predominance resulting in premature membrane rupture and foetal demise in 2nd trimester of gestation: first case reported

Chrysoula Gouta, Greece

D. Krasias, N. Athanasiadis, N. Tsiaras, E. Viktoratou, I. Tsakiridis, S. Angelidou

017

Heterotopic foetal liver tissue in the placental parenchyma: a case report of a rare entity

Chrysoula Gouta, Greece

D. Krasias, N. Savvidou, C. Yphanti, P. Ipsilantis, A. Kougioumtzidou, S. Angelidou

018

Widespread axonal dystrophy precedes atrophy and white matter spongiform change in adenylosuccinate lyase deficiency

Orli Greenberg, Canada

Y. Fisher, K. Chong, S. Shinar, P. Krishnan, P. Shannon

019

Retrospective clinicopathological study of paediatric renal malignant tumours diagnosed in a tertiary hospital over the past 5 years

Maialen Guerrero Gómez, Spain

S. Hakim Alonso, I. Marquina Ibáñez, J. Alfaro Torres, B. Roche Latasa, L. Ollero Domenche, J. Medrano Ruiz, J. Delgado Fernández, J. Martínez Castellón, L. Leon, N. Marínez Arnau

020

The aiagnostic value of calretinin immunohistochemistry in rectal biopsy specimens with incomplete structure in the diagnosis of Hirschsprung's disease: an institutional experience

Emoke Horvath, Romania

E. Lockli, Z. Derzsi

021

Diagnostic difficulties in a case of Hepatoblastoma with carcinoma features

Ewa Izzycka-Swieszewska, Poland

M. Chodyna, H. Garnier, E. Wojciechowska, M. Murawski, J. Stefanowicz, P. Czauderna

022

Rare and unusual youngest case of aggressive plasma cell neoplasm in a 12-year-old boy

Sonali Jakkulwar, India

V. Agarwal, S. Gajral, N. Oza

023

Citrullinemia: a rare case of an autosomal recessive hereditary disease

Kirill Kosov, Russia

E. Guryanova, N. Zhuravleva, V. Diomidova, A. Pavlov, N. Uhterova

024

KRAS mutation in a metanephric stromal tumour with a large cellular component in an infant

Shamlat Mangray, USA

N. Patel, N. Shillingford, E. Uzun, L. Wang, C. Jackson, E. Yakirevich

025

A rare case of a medulloblastoma diagnosed in a foetal autopsy

Joao Martins Gama, Portugal

C. Courelas, J. Maldonado, J. Amaral, A. Lai, C. Cerdeira, R. Pina

026

Immature platelet fraction – flow cytometry biomarker used to express the inflammatory response and oxidative stress in Romanian preterm newborns

Elena Matei, Romania

I. Franciuc, M. Aşchie, A. Mitroi, A. Chisoï, I. Poinăreanu, N. Dobrin, A. Stoica, T. Surdu, M. Manea, C. Ştefanov, G. Cozaru

027

PD-L1 expression in peripheral neuroblastic tumours: the first evidence of a possible therapeutic target

Manuel Mazzucchelli, Italy

G. Angelico, L. Salvatorelli, G. Broggi, G. La Cava, J. Farina, G. Tinnirello, L. Memeo, G. Magro

028

A mass that grows with the baby: a case of fibrous hamartoma of infancy

Lutfiye Dilsad Micoogullari, Turkey

R. Cecen, D. Kizmazoglu, O. Ulusoy, F. Sarioglu, H. Guleryuz Ucar, S. Aktas

029

Paediatric melanoma: about two observations

Wahiba Ouahioune, Algeria

N. Moulai, M. Guermi

030

Congenital intracranial adamantinomatous craniopharyngioma: a case report with histopathological and molecular characterization

Eva Manuela Pena Burgos, Spain

P. Armijos González, M. Arias Duart, C. Martínez Payo, C. Bravo Arribas, R. Regojo Zapata

031

Massive subchorionic thrombohematoma (Breus' mole): case series with gross and histopathological description of this exceedingly rare entity

Eva Manuela Pena Burgos, Spain

L. Salmón, R. Zapata

032

CD 56 positive clear cell sarcoma of the kidney – case report

Jelena Stefanovic, Serbia

G. Nikolic

033

Comprehensive assessment of changes in neuronal structures in the heart in miscarriages at 15-21 weeks of gestation

Oksana Sudareva, Russia

E. Ignatieva, S. Lezhenina, A. Polkovnikov, N. Zhuravleva, E. Guryanova

034

Sectional case of a combination of coronary artery malformation and non-compact myocardium of the left ventricle in an infant (a 7-month-old child: sudden coronary death)

Oksana Sudareva, Russia

S. Lezhenina, E. Ignatieva, A. Grigorieva, E. Guryanova

035

Systemic assessment of pathomorphological changes in the lungs in premature infants at a gestation period of 21-28 weeks
Oksana Sudareva, Russia

E. Ignatieva, S. Lezhenina, E. Guryanova, P. Grigorieva

036

Paediatric mediastinal NUT carcinoma: a diagnostic challenge on a small biopsy

Antonia Syrnioti, Greece

V. Antari, A. Tragiannidis, E. Hatzipantelis, T. Koletsa

037

Chronic and passive pneumopathy in a 4-month-old boy with hypertrophic cardiomyopathy

Lara Vasconcelos Cavalcante, Brazil

E. Tomé de Sousa, A. Barreto Rodrigues, P. Ye Wenyan, G. Gotardo Aguiar Gurgel, R. Soares Macedo, J. Aguiar de Arruda Coelho, J. Carneiro Melo

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E-Posters

Soft Tissue and Bone Pathology

001

Hibernomas express alpha methylacyl CoA racemase

Begoña Aguiar Losada, Spain

M. Conde Ferreirós, M. Resano Abarzuza, S. Abdulkader Sande, M. Vieytes Molares, A. López Cousillas, A. Moreno Barcos, I. Ruiz Díaz, A. Ordoñez Arrillaga, D. Ugas Burranca, J. Ortiz Rey

002

Soft tissue Rosai-Dorfman disease: a case report

Al Yazı Saif Hamood Al Saadi, Oman

003

Erdheim-Chester disease – case report and literature review

Alonood Al-Sulaimani, Oman

004

Intraosseous haemangioma: series of cases diagnosed in the pathology department of the Basurto University Hospital, Bilbao, Spain

Rosa Irene Alvarado Cuenca, Spain

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Scott Campbell, USA

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F. Akram, S. Peeters, D. De Ruyscher, J. von

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Melissa Menard, Canada

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Y. Molchanov, C. Mayer

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Vittoria Morano, Italy

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Abhik Mukherjee, United Kingdom

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Eva Musulen, Spain

P. Cano, K. Saez de Gordo, M. Dacá-Álvarez, M. Pellise, M. Cuatrecasas, D. Gil

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Noora Neittamäki, Sweden

J. Siarov, D. Kumar, J. Paoli, J. Mölne

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Guilherme Nogueira Fontinha, Portugal

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Philipp Nolte, Germany

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Roberta Peraino, Italy

T. Franceschini, F. Ambrosi, A. Grillini, E. Franchini, E. Demaria, A. Gherardi, A. Bevilacqua, M. Fiorentino, M. Mottola

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Remy Peyret, France

A. Nivaggioli, N. Pozin, M. Sockeel, S. Sockeel, S. Mazellier, C. Lefebvre, V. Rouleau, A. Gauthier, S. Kammerer-Jacquet

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Iancu Emil Plesea, Romania

M. Șerbănescu, V. Grigorean, L. Iovan, I. Avramescu, L. Eftimie, R. Pleșea

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Multi-class and multi-institutional supervised learning classifier characterizes colon cancer and enables clinicopathological biomarker implementation

Meaghan Polack, The Netherlands

N. Coudray, B. Liu, A. Claudio Quiros, T. Sakellaropoulos, S. Crobach, R. Tollenaar, K. Yuan, H. van Krieken, W. Mesker, A. Tsirigos

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Computational evaluation of uninvolved lymph node morphology predicts outcomes in locally advanced head neck cancer

Swapnil Rane, India

S. Gazi, N. Seshadri, T. Bameta, A. Sharma, S. Ghosh-Laskar, A. Sethi, A. Patil, N. Mittal, K. Rabade, M. Bal

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Integrating spatial vessel analysis into tumour microenvironment characterization

Salvatore Renne, Italy

O. Mintemur, G. Grion, F. Colella, K. Roufai, C. Matteo, V. D'amato, M. Meroni, R. Frapolli, L. Morosi, G. Martano, F. Cananzi

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Enhancing precision in HER2 in situ hybridization quantification in breast cancer: integration of a cancer cell classification model using deep learning

Iván Rienda-Martínez, Spain

J. Pinto, C. Eloy, A. Polónia

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Evaluating the utility of large language models for cross-linguistic pathology reporting

Tommaso Romagnoli, Canada

S. Lin, A. Bychkov, L. Cima, E. Munari, S. Rasmussen, A. Sharma, R. Singh, E. Ullah, B. Wehrli, M. Cecchini

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Immunosuppression in primary and recurrent colorectal cancer: prediction of response to therapy and prognosis

Giovanna Sabella, Switzerland

E. Daveri, I. Sorrentino, V. Lagano, M. Salvi, O. Pennisi, F. Molinari, G. Centonze, M. Milione

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The development and validation of machine learning algorithms for accurately determining the nuclear grade of breast cancer in routine morphological diagnostics

Anna Semenova, Russia

V. Galkin, A. Artemieva, Y. Andreeva, Y. Vishnevskaya, N. Savelov, D. Voronkina, K. Botashev, V. Shatalov, Y. Andryukhina

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The development of machine learning algorithms for decision-making support to help evaluate HER2/new-status in breast cancer diagnostics

Anna Semenova, Russia

V. Galkin, Y. Andreeva, Y. Vishnevskaya, N. Savelov, V. Shatalov, Y. Andryukhina, I. Kondratenko, D. Voronkina, V. Pirogova, L. Polyvanov, A. Artemieva

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Utility of digital pathology in the evaluation of liquid-based PAP tests

Mine İlayda Sengör Aygün, Turkey

S. Erdogan-Durmus, C. Comunoglu, O. Yalcin

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AI for advanced cancer diagnosis: a CAD System empowered by a novel vision transformer network for histopathology analysis

Ashkan Shakarami, Italy

L. Nicolè, S. Ghidoni

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Xiaorong Sun, China

J. Wang, H. Li

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J. Mark Tuthill, USA

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Meral Üner, Turkey
K. Yilmaz, A. Üner

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Introducing the MONKEY challenge: machine-learning for optimal detection of inflammatory cells in the KidNEY
Dominique van Midden, The Netherlands
L. Studer, F. Ayatollahi, A. Farris, J. Kers, L. Hilbrands, J. van der Laak

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Iva Weeda, The Netherlands
D. Wessels, A. Mkundan, E. Bekkers, O. De Boer, W. Song, L. Kodach, S. Meijer

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Creating a valuable decision tree from a knowledge graph: emphasizing topology over content
Cleo-Aron Weis, Germany
M. Legnar, S. Porubsky, Z. Popovic, A. Dendooven, S. Leh

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Corina Girleanu, Ireland
J. Weldon, M. Morrissey, R. Sykes, M. Colleluori, J. Fitzgerald, C. Durnin-White, S. Carmody, M. Rafferty, P. Moulin, A. Power, D. O'Shea, N. Mulligan, R. Chetty

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Yukako Yagi, USA
T. Ohnishi, N. Bakoglu, D. Ross

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Moses Yook, Republic of Korea
C. Jung, S. Yoon, I. Choi

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Hongjun Yoon, Republic of Korea
G. Hwang, D. Jeong, W. Cho, G. Gong, N. Cho, Y. Chong

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J. Lourenço, L. Carvalho

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M. Al-Sheyab, S. Al-Khatib

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Andrea Ambrosini-Spaltro, Italy
F. De Paola, C. Ravaoli, M. Costantini, P. Rinaldi, M. Foschini

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G. Broggi, L. Salvatorelli, G. Angelico, G. Tinnirello, G. Magro

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A. Iacob, B. Bögözi, Z. Kovacs, T. Mezei, S. Gurzu

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Kimberly Burghout, The Netherlands
G. Breimer, S. Koppes, H. Hazelbag, M. Ooft, M. Raicu, A. Cleton-Jansen, T. van Wezel, R. van Eijk, D. Terlouw, S. van Egmond, N. Rupp, D. Cohen
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I. Chelly, A. Zehani, A. Ayari, A. Khadhar, K. Bellil, S. Haouet
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A. Cordovilla-Moreno, A. Onaindia, L. Pagalday Gaztañaga, A. Viana-Cora, S. Fernández Solé

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Expanding the spectrum of low-grade sinonasal adenocarcinoma with biphasic seromucinous differentiation and activating HRAS/AKT1 mutations

Viktoria Szabina Hadnagy, Switzerland
M. Körner, M. Rössle, P. Dubach, G. Pabst, A. Kutolova, S. Weder, R. Seifert, E. Rushing, D. Holzmann, M. Hüllner, S. Freiberger, N. Rupp

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Mucinous cystadenoma: rare entity presenting as oral cavity lesion

Sonali Jakkulwar, India
A. Bashir, N. Gangane, N. Oza

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Salivary gland carcinosarcoma arising in the palate from an adenoid cystic carcinoma: case report

Justino Jiménez Almonacid, Spain
A. Enguita Valls, L. Iglesias Docampo

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Sinonasal teratocarcinosarcoma – a single institution experience from South India

Elsa Joy, India
A. Mathews, J. K. T. Somanathan, A. K R, I. S Nair, R. Kumar R

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Nodular fasciitis in the buccal region – perspectives on definitive diagnosis using cytological samples

Tomonori Kawasaki, Japan
K. Kanemoto, S. Kanno, K. Kuba, R. Sato, M. Katoh, T. Yamazaki, M. Nakahira, Y. Ebihara, M. Hirasaki, T. Torigoe, Y. Yazawa, T. Muramatsu, T. Tashima, J. Ichikawa

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Epistaxis as a first symptom of metastatic breast carcinoma

Dimitra Koumoundourou, Greece
P. Bosgana, S. Lygeros

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Jukka Laine, Finland
P. Pakkanen, A. Silvoniemi, J. Hagström, M. Tamminen, K. Aro, L. Bäck, L. Aaltonen, H. Irjala

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TIM-3- and TIGIT-expressing tumour infiltrating lymphocytes predict poor outcome in sinonasal mucosal melanoma

Stephan Ledderose, Germany
F. Klauschen, C. Ledderose, A. Sendelhofert, G. Ledderose

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Periglandular halos in salivary gland adenoid cystic carcinoma: a potential histomorphological criteria for the diagnosis

Rine Limani, Kosovo
Z. Limani, L. Kondirolli, E. Bajraktari, S. Reçica

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Sinonasal hamarthomas: a rare entity with a challenging diagnosis – how an accurate diagnosis impacts clinical and therapeutic management

Laura López Vilaró, Spain
A. Prat, D. Piñol, L. Catasús, S. Bagué Rosell, M. Casasayas, J. Gras Cabrerizo, J. Szafranska

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Gnathic chondroblastic osteosarcoma – our institutional experience

Daniela M Proca, USA
J. Yin, S. Amer, D. Zenezan, A. Lazim, R. Kuklani

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Gli-1 altered tumour: a case report

Soñia Merino Baamonde, Spain
M. Rubiera Valdés, E. Higuera Mora, C. González Rodríguez, C. Fuente Díaz, F. Pérez Rastrollo, M. González Gutiérrez, B. Vivanco Allende

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Ewing sarcoma and adamantinoma-like Ewing sarcoma of the head and neck region in adults: a tertiary care cancer centre series

Neha Mittal, India
S. Rane, K. Rabade, P. Panjwani, M. Bal, B. Rekhi, A. Patil, M. Ramadwar

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A case report of a sinusal NK/T-cell lymphoma, nasal type

Wafa Mokni, Tunisia
S. Yacoub, S. Bentekaya, D. Chiba, A. Benabdelkader, M. Mokni

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Kaposi sarcoma of the larynx in an HIV-negative patient (a case report)

Wafa Mokni, Tunisia*N. Abdessayed, D. Chiba, A. Benabdelkader, M. Mokni***042**

Tumour-like amyloidosis of the parotid: a case report

Makhlouf Nadia, Tunisia*M. Hamdani, M. Walha, K. Bel Haj Ali, I. Cherif, A. Khabir***043**

Papillary neoplasm of head and neck: beyond morphological and immunohistochemical analysis

María Narváez Simón, Spain*C. Chamorro Santos, O. Preda, B. Rueda Villafranca, R. Ríos Pelegrina***044**

Unexpected diagnosis of thyroid tuberculosis: a case report of two patients

Zeineb Nfikha, Tunisia*H. Belhadj-Miled, J. Houas, T. Tlili, I. Bahri, M. Abdelkefi, M. Mokni***045**

Cementoblastoma of the mandible: about 2 cases

Leila Njim, Tunisia*D. Beltaija, A. Ben Mabrouk, S. Mabrouk, S. Ben Hammouda, A. Bellalah, M. Njima***046**

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Rui Oliveira, Portugal*P. Carreira***047**

Intestinal metaplasia as evidence of field cancerization in patients with intestinal type adenocarcinoma of the sinonasal region

Agnese Orsatti, Italy*M. Altavilla, P. Farneti, G. Sollini, A. Tosoni, E. Donini, E. D'Angelo, P. De Benedittis, L. Raffi, A. Camagni, P. Galli, E. Pasquini, G. Fellegara, M. Foschini***048**

Artificial neural network renders cribriform adenocarcinoma and polymorphous adenocarcinoma of salivary gland two entities, and more!

Bacem Othman, Czech Republic*A. Skálová***049**

Cutaneous metastasis on scalp of renal cell carcinoma: a case report and review of literature

Angelo Virgilio Pagliari, Italy**050**

Respiratory epithelial adenomatoid hamartoma: a diagnostic challenge in sinonasal lesions

Angelo Virgilio Pagliari, Italy**051**

Clinicopathologic features of chronic lymphocytic leukemia/small lymphocytic lymphoma of the Waldeyer's Ring: a twenty-five-year experience from a single institution

Alejandro Pasco Peña, Spain*I. Fernandez, E. Carracedo, A. De Oliveira Gomes, L. Ruiz, A. Panizo***052**

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João Paulo Pereira De Castro, Portugal*G. Miranda, C. Perez Duque, P. Dias, M. Jácome***053**

Histone H3K9 methylation in odontogenic tumours

Ekarat Phattaratatip, Thailand*A. Lam-Ubol***054**

HPV-associated multiphenotypic sinonasal carcinoma. Tumour with indolent behaviour? A case-control study

David Piñol Ballús, Spain*L. López, S. Bagué, A. Gonzalez, A. Holgado, J. Gras, J. Szafranska*

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Heterotopic secretory carcinoma arising on neck lymph node

Giulia Querzoli, Italy

C. Liberale, A. Altamari, G. Molteni, M. Foschini

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Malignant transformation in patients affected by hyperkeratosis and oral dysplasia

Giulia Querzoli, Italy

M. Petrocelli, E. Bariani, A. Baietti, D. Gissi, A. Gabusi, L. Montebugnoli, A. Tarsitano, M. Foschini

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Head and neck lymphoepithelial carcinoma of non-nasopharyngeal sites – a case series

Katha Rabade, India

A. Patil, N. Mittal, S. Rane, M. Bal

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Co-existence of papillary and medullary thyroid carcinoma: reports of three cases

Abir Rais, Tunisia

Y. Houcine, I. Mallek, S. Kamoun, S. Dellagi, M. Alaya, A. Lahmar, M. Driss, S. Ben Slama

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Follicular dendritic cell sarcoma of the nasopharynx mimicking a meningioma: a case report

Abir Rais, Tunisia

Y. Houcine, S. Kamoun, M. Alaya, S. Ayadi, M. Driss

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Immunohistochemical expression of p16 in tongue squamous cell carcinoma

Abir Rais, Tunisia

W. Khemiri, S. Kamoun, Y. Houcine, M. Alaya, W. Sleimi, M. Driss

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Next-generation sequencing – its role in head and neck sarcomas

Golnaz Sadeghian, United Kingdom

D. Sinha

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The role of podoplanin and MMP9 on the multifaceted signaling pathways in squamous cell oral cancer

Angela Santoro, Italy

G. Scaglione, D. Arciuolo, G. Angelico, N. D'Alessandris, M. Valente, B. Padial Urtueta, F. Addante, N. Narducci, P. Tralongo, A. Mulè, I. Di Stefano, M. Pedicillo, G. Pannone, G. Zannoni

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A rare encounter: ectomesenchymal chondromyxoid tumour

Aysenur Sert, Turkey

G. Esendagli

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Correlation of quantitative indicators of tissue tryptase and chymase with morphological and clinical characteristics of oropharyngeal cancer

Igor Sertakov, Russia

I. Moshurov, M. Olshansky, V. Shishkina, S. Stikhina, A. Fedortsov, S. Akulshina, A. Filin

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The relationship between age-related changes in the thyroid gland and nodular pathology

Igor Sertakov, Russia

A. Goryacheva, A. Filin, E. Verbitskaya, E. Chupandina, A. Bobrovskikh, M. Bobrovskikh, V. Pozhidaeva, S. Selyavin, A. Tishchenko

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Warthin-like mucoepidermoid carcinoma of the parotid gland, a challenging diagnosis in disguise: a case report and a literature review

Anna Sifre-Ruiz, Spain

M. Buda, C. Esquina Rodriguez, A. Cordovilla Morneo, I. Etxebarria Fernandez, M. Alarcón-Amaya, S. Fernandez Sole, M. Bronte Anaut

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Riedel's thyroiditis with noninvasive follicular thyroid neoplasm with papillary-like nuclear features (NIFTP): a case report about an unusual association

Ben Tekaya Sirine, Tunisia

D. Chiba, W. Mokni, I. Bahri, H. Yoni, N. Ouini, A. Ben Abdelkader, B. Sriha, M. Mokni

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Novel BCOR mutation in pharyngeal sarcoma patients: a case report

Woo Jung Sung, Republic of Korea
J. Hong, M. Song

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Microsecretory adenocarcinoma of salivary glands: case report with literature review

Ana Marija Tomic, Serbia
D. Kablar, N. Tomanovic

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Thyroid gland sclerosing mucoepidermoid carcinoma with eosinophilia

Keti Tsomaia, Georgia
I. Jikia, M. Jangavadze, N. Goishvili, N. Gabidzashvili, B. Arabuli

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Extranodal follicular dendritic cell sarcoma: a case report and review of the literature

Panagiota Vlachou, Greece
N. Stavrinou, E. Spiteri, A. Therapontos, E. Athanasiou, E. Gioti

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Calcifying fibrous tumour of submandibular gland clinically mimicking malignancy – a clinicopathology review and updates

Beverly Wang, USA
N. Kandiyil, Y. Haidar

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Nasopharyngeal amyloidosis: a rare encounter within nasopharyngeal carcinoma

Mouna Zghal, Tunisia
S. Hidouri, M. Sellami, O. Boudaouara, C. Chaari, I. Charfeddine, T. Sellami
Boudawara, R. Kallel

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Molecular Pathology

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Utility of massive sequencing (Ngs) in the identification of biomarkers in biliopancratic cancer

Ioana Cristina Abitei, Spain
T. Pereda Salguero, P. Gaspar López-Cózar, E. Fernández Torres, M. Bautista de Ojeda

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Comprehensive molecular genetic profiling: homologous recombination deficiency as a targeted therapeutic option for solid tumours

Imola Adamik, Hungary
Z. Melegh, T. Strausz, L. Báthory-Fülöp, A. Simon, Z. Kúronya, E. Soós, E. Tóth

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High tumour mutation burden assessed by comprehensive molecular genetic profiling as a targeted therapeutic option for solid tumours

Imola Adamik, Hungary
Z. Melegh, T. Strausz, L. Báthory-Fülöp, E. Csernák, Z. Kúronya, E. Soós, E. Tóth

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BRAF mutation in colorectal cancer: experience of the pathology department of Mohammed VI University Hospital Centre, Marrakesh, Morocco

Oumayma Ait Ouhssain, Morocco
C. Dabaj, H. Rais, B. Zinbi

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A simple and cost effective patient derived ex vivo 3D spheroid culture as a promising tool for functional based cancer therapy predictions purpose

Asawari Ambekar, India
A. Banerjee, P. Pawar

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TIM3 expression in human cancer: a tissue microarray study on 16,458 patients

Elena Bady, Germany
S. Büyücek, S. Etebar Farinani, N. Schrapf, T. Clauditz, M. Lennartz, F. Lutz, M. Kluth, N. Gorbokov, F. Viehweger, S. Steurer, K. Möller, R. Simon, G. Sauter, T. Krech

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Novel recombinant monoclonal antibodies for G protein-coupled receptor (GPCR) research and disease characterization

Alexander Ball, USA
Y. Hsieh, C. Huang, S. Huang, S. Wu, J. Liu, P. Peng, C. Lin

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Detection of circulating HPV-DNA in liquid biopsy compared to histology in a large tumours spectrum

Nadia Ben Othman, France

V. Euzen, D. Vasseur, C. Smolenschi, J. Scoazec, M. Bani

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The structure of germline variants in neuroendocrine tumours in Moscow patients

Natalia Bodunova, Russia

T. Yanova, A. Danishevich, M. Byakhova, M. Makarova, S. Gadzhieva, D. Isaeva, I. Khatkov

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A retrospective evaluation of the occurrence of MAPK and PI3K/Akt alterations implicated in anti-EGFR treatment resistance in patients with left-sided colorectal cancer (ls-CRC)

Mariya Byakhova, Russia

T. Antonova, I. Pokataev, M. Ivanov, A. Lebedeva, V. Mileyko, A. Semenova, C. Babadzhanova, A. Tryakin, M. Fedyanin, V. Galkin

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Blood MSI dynamics as a predictive biomarker of immune checkpoint inhibitor therapy efficacy in colorectal cancer (CRC): preliminary results from an observational trial

Mariya Byakhova, Russia

E. Veselovsky, V. Yudina, O. Kuznetsova, D. Kravchuk, A. Lebedeva, E. Belova, A. Taraskina, T. Grigoreva, A. Kavun, V. Nikulin, V. Mileyko, A. Tryakin, M. Fedyanin, M. Ivanov

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IDH 2 – a new gene for personalized therapy in pulmonary adenocarcinomas – reports of two cases

Lina Carvalho, Portugal

A. Ladeirinha, A. Alarcao, M. Reis Silva, T. Ferreira, M. Viseu, M. Santos, G. Nogueira Fontinha, J. Pimentel, V. Almeida, V. Sousa

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Pulmonary adenocarcinoma: EGFR exon 19 insertion – report of 3 cases

Lina Carvalho, Portugal

A. Alarcao, A. Ladeirinha, M. Reis Silva, T. Ferreira, M. Viseu, M. Santos, J. Pimentel, G. Nogueira Fontinha, V. Almeida, V. Sousa

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Pulmonary adenosquamous carcinoma – case series for mutational status

Lina Carvalho, Portugal

A. Ladeirinha, A. Alarcao, M. Reis Silva, T. Ferreira, M. Viseu, M. Santos, G. Nogueira Fontinha, J. Pimentel, V. Almeida, V. Sousa

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Harnessing the potential of Next-Generation Sequencing (NGS) to unravel the molecular landscape of lung cancer: a case report on a middle-aged patient with two synchronous lung adenocarcinomas harbouring two distinct actionable pathogenic genetic variants

Nuno Chioite, Portugal

G. Carrola, D. Sá, T. Santos, C. Vilasboas, J. Vizcaino, N. Jorge Lamas

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Analytic concordance of a novel pan-tumour HRD signature biomarker between AVENIO tumour tissue CGP Kit V2 and Foundation-OneCDx

Jonathan Choi, USA

H. Lo, N. Zhang, R. Chien, M. De Vos, S. Trabucco, T. Wieland, S. Wang, J. Jungmann, R. Huang, A. Schrock

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Pilot study on NGS characterization of pancreatic ductal adenocarcinomas

Francisca Emanuel Costa, Portugal

J. Vizcaino, N. Lamas

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Molecular analysis in the diagnosis of follicular lymphomas lacking BCL2 and BCL6 rearrangements

Miruna Cristian, Romania

K. Hebeda, P. Groenen

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Ten years of assessing the application of somatic NGS testing through external quality assessment

Zandra Deans, United Kingdom

D. Cregeen, F. Khawaja, W. Gutowska-Ding, R. Goodall, M. Woodcock, J. Matilainen, C. Roos, A. Nair, S. Patton

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KRAS mutations detection in colorectal cancer: PCR-direct sequencing or Idylla platform?

Raoudha Doghri, Tunisia

S. Elfekih, H. Douik, A. Khemir, Z. Abdelkafi, I. Nasri, L. Charfi, G. Sahraoui, K. Mrad

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Developing EQA for HRD testing in ovarian cancer

Jenni Fairley, United Kingdom

Z. Deans

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Beamion LUNG-1, a phase Ia/Ib trial of the HER2-specific tyrosine kinase inhibitor, zongertinib (BI 1810631), in patients with HER2-driven tumours: outcomes according to HER2 aberration type in lung and other tumours

Alexandra Feuersinger, Germany

F. Opdam, J. Heymach, M. Barve, H. Tu, Y. Wu, D. Berz, A. Mueller, U. von Wangenheim, J. Serra, K. Yoh, N. Yamamoto

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BRCA1 and BRCA2 NGS data from FFPE tissue in prostatic cancer: where we are and where we aim to go

Alessandra Filosa, Italy

E. Antolini, E. Bartoli, E. Antaldi, M. Santoni, F. Giantomassi, G. Goteri

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Molecular landscape of endometrial carcinoma – a single institution preliminary study

Lukasz Fulawka, Poland

A. Podgórska, K. Seliga, R. Zub, K. Koszucka, R. Łotocka, A. Kuźniar, M. Bidziński, A. Tysarowski

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SMARCA4 gene alterations detected by NGS. Presence in lung cancer and implications on evolution and treatment

Paua Gaspar López-Cózar, Spain

I. Abitei, L. Robles Cabeza, M. Jironda Gallegos, E. Fernández Torres, M. Bautista de Ojeda

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Initial experience of fluorescence in situ hybridization for MDM2 amplification in mesenchymal lesions of uncertain diagnosis

Laura González Lorca, Spain

A. Sánchez Espinosa, S. Blasco Muñoz, D. Pérez Parra, C. Capozzi, V. Alonso Aguirre

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The use of ThyroidPrint® Assay in the study of AUS and FN thyroid lesions: our experience

David Guerrero, Spain

A. Echegoyen, J. Pineda, A. Gonzalez-Mayorga, E. Anda

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Incidence of atypical fish patterns associated with ALK TKI therapy in NSCLC

Fatma Sena Gürevin, Turkey

B. Ögüt, M. Inan, N. Akyurek

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Longitudinal monitoring of cell-free tumour DNA with next-generation sequencing in patients with oesophageal cancer

Clara Henssen, Germany

T. Steiert, S. Sebens, A. Franke, F. Richter, M. Forster

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Adaptive homeostasis as a possible non-genetic regulator of BRCA1/2 splicing in ovarian cancer

Ewa Izzycka-Swieszewska, Poland

A. Jasiak, L. Anderson, S. Neumann, K. Buczkowski, M. Stukan, K. Grabowska, B. Wasq, R. Weeks, L. Walker, G. Wiggins, H. Cunliffe, M. Ratajska

033

Analysis of BARD1 and its isoform beta (β) in paediatric tumours

Ewa Izzycka-Swieszewska, Poland

A. Jasiak, K. Czarnota, K. Buczkowski, J. Gulczynski, J. Stefanowicz, W. Grajkowska, M. Ratajska

034

Expression of minor spliceosome component U6atac: a pan-cancer study

Charlotte Komarek, Switzerland

J. Rodriguez Calero, A. Augspach, M. Rubin

035

Next-Generation Sequencing (NGS) for the identification of lung cancer oncogenic fusions: a retrospective study from a Portuguese University Hospital Centre

Nuno Jorge Lamas, Portugal

T. Santos, C. Vilasboas, X. Wen, F. Costa, J. Vizcaino

037

Multilocus inherited neoplasia alleles syndrome (MINAS) in a patient with Lynch syndrome and Gorlin-Goltz syndrome with corresponding MLH1 and PTCH1 pathogenic variants and dual phenotypic expression

Erinn Mcgrath, Ireland

M. Loughrey, I. Freyling, R. Kennelly, D. Winter, K. Sheahan

038

Accurately assessing the quality and quantity of cell-free DNA extractions

Fiona Moon, United Kingdom

J. Fairley, K. Nahlik, S. Deans

039

Hemimegalencephaly associated with drug-resistant epilepsy and a rare molecular genetic alteration in the CPA6 gene: a clinical case

Dzhamilia Murzaeva, Russia

D. Sitovskaya, V. Mochalov, R. Talybov, Y. Zabrodskaya

040

Role of the level of IGG fragments in blood serum in case of oesophageal cancer

Natalia Nizyaeva, Russia

E. Goufman, A. Aleksankin, K. Gershkovich, N. Tikhonova, M. Aksenova, I. Stepanova, V. Aleksankina, V. Bochkov

041

Beyond the crystal globe: unraveling molecular pathology's mixed bag of dreams

Maria Olinca Comanescu, Romania

R. Pirlog

043

Proteogenomics reveals varying levels of intra-patient heterogeneity in melanoma metastases

Tibor Pankotai, Hungary

B. Szeitz, Y. Hagemeyer, Z. Páhi, Z. Ujjfaludi, V. Doma, J. Gil, R. Appelqvist, J. Malm, K. Pawlowski, M. Szász, D. Fenyő, P. Horvatovich, G. Markó-Varga, L. Betancourt

044

Molecular characterization of synchronous sporadic colorectal carcinomas

Gabriele Ricciardi, Italy

E. Germanà, W. Giordano, M. Ballato, R. Scarfi, M. Santarpia, C. Pizzimenti, V. Fiorentino, M. Martini, A. Ieni, G. Giuffrè

045

Expression of PD-L1 in lung adenocarcinoma and its cerebral metastasis, and the association with survival

Miriam Rubiera Valdés, Spain

D. Corte-Torres, A. Vallina, J. Celis Pinto, S. Fernández Menéndez, K. Piña Batista, I. Fernández Vega

046

Clinical implications of next generation sequencing for the classification of endometrial carcinoma

Laura Sánchez, Spain

S. Perez-Buira, F. Rojo

047

Comparison between two commercial solutions for homologous recombination deficiency

Maria Sanchez Ares, Spain

R. Pérez-Becerra, T. Pereira Ares, I. Lesende Rodríguez, J. Antúnez López, J. Cameselle Teijeiro, I. Abdulkader Nallib

048

Circulating tumour cell culture

Suncana Sikiric, Croatia

S. Seiwerth, I. Kaloper Lovreković

049

KRAS mutations in pulmonary adenocarcinomas

Vitor Sousa, Portugal

A. Alarcao, A. Ladeirinha, M. Reis Silva, T. Ferreira, M. Viseu, M. Santos, J. Pimentel, G. Nogueira Fontinha, V. Almeida, L. Carvalho

050

MET and concomitant mutations in pulmonary adenocarcinomas

Vitor Sousa, Portugal

A. Ladeirinha, A. Alarcao, M. Reis Silva, T. Ferreira, M. Viseu, M. Santos, J. Pimentel, G. Nogueira Fontinha, V. Almeida, L. Carvalho

051

The number of CD20+ B-lymphocytes expressing PD-1 is associated with the status of the mismatch repair system in endometrial cancer

Liubov Tashireva, Russia

A. Kalinchuk

052

Feasibility of fusion detection array in soft tissue tumours by nCounter platform

Gustavo Teixeira, Brazil

F. Escremim de Paula, M. Queiroz de Almeida Bonatelli, G. Noriz Berardineli, M. Reis, K. Emília de Sá Rodrigues, L. C van Kempen, R. Manuel Reis

053

Immunological modulation in wound healing of the rat uterus by Mesenchymal Stem Cell-conditioned medium (MSC-medium) obtained under 10% oxygen content

Natalia Tikhonova, Russia

V. Aleksankina, A. Milovanov, A. Aleksankin, T. Fokina, E. Kuznetsova, A. Sklifas, A. Temnov

054

The participation of IGG fragments in inflammation mechanisms for gastric malignancies

Natalia Tikhonova, Russia

E. Goufman, A. Aleksankin, N. Nizyaeva, V. Bochkov, K. Gershkovich

055

Differentially expressed genes in molecular subtypes of high-grade serous ovarian cancer

Anna Tregubova, Russia

A. Kobelyatskaya, A. Badlaeva, R. Aleksandra, M. Sannikova, R. Dmitrii, D. Sergei, A. Asaturova

057

Lung cancer proteogenomics: the future of precision oncology

Ioannis Vamvakaris, Greece

N. Kontouli-Pertesi, M. Petre, O. Boulioglou, G. Vatselas, D. Valakos, G. Liadakis, I. Gkiozos, K. Syrigos, A. Anagnostopoulos

058

A possible antineoplastic effect of the neuroprotective drug edaravone in ovarian cancer

Chiara Villa, Italy

E. Duranti, C. Venturin, M. Cadamuro, M. Lavitrano

059

Validation and workflow optimization of Her2/new assessment – our experience

Siltana Zeneli, Albania

M. Ikonomi, M. Shyti

060

Multi-dimensional evaluation of the performance of homologous recombination deficiency detection in China

Xiaoyan Zhou, China

Q. Bai, X. Zhu, Z. Liang, H. Wu

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Pulmonary Pathology

002

Clinicopathological features of non-small cell lung carcinoma with NRAS mutation

Andrea Ambrosini-Spaltro, Italy

C. Rengucci, L. Capelli, E. Chiadini, C. Bennati, A. Delmonte, S. Vecchiarelli, F. Limarzi, S. Nosseir, G. Gallo, M. Valli, D. Calistri

003

Acute fibrinous and organizing pneumonia in a patient with Von Willebrand disease: a case report

Samir Amer, USA

M. Miller, I. Akhtar, M. Mollae

004

Relapsing granulomatosis with polyangiitis with lung manifestation in a patient with kidney transplant: a case report

Samir Amer, USA

J. Hassler, M. Mollae

005

Hyalinising clear cell carcinoma of the lung: a case report

Bruno Bernardo Ardaya Lopez, Spain

H. Galindo Guzman, M. Cebollero Presmanes, M. Garcia Martos

006

Checkpoint Kinase 1 immunohistochemical expression in pleural mesothelioma

Azadeh Asghari Birbaneh, Denmark

C. Meristoudis, V. Panou, O. Røe

007

TTF1 is a highly specific marker for pulmonary and thyroidal cancer: a tissue microarray study evaluating more than 17,000 tumours from 152 different tumour entities

Elena Bady, Germany

K. Möller, T. Gulzar, M. Lennartz, N. Schrapf, F. Viehweger, C. Bernreuther, R. Simon, T. Clauditz, G. Sauter, N. Gorbokon, M. Reck, N. Frost, T. Krech, S. Steurer

008

Application of the 5th WHO guidelines for the diagnosis of small lung biopsies in a tertiary care centre: is insecurity of pathologists for the right diagnosis justified?

Manuela Beckert, Germany

G. Levidou, T. Papadopoulos

009

Expression of the PDL-1 protein in immunohistochemistry in non-small cell lung carcinomas

Chafia Benallal, Morocco

H. Azal, H. Rachidi, Y. Msougar, H. Rais

010

Relationship between clinicopathological parameters and EGFR mutation status in non-small cell lung carcinomas and correlation of PD-L1 expression

Sumru Cagaptay, Turkey

D. Gurel, A. Aysal Agalar, C. Ulukus, K. Canaslan, V. Karacam, I. Ulugun, K. Tertemiz, I. Oztop

011

An insidious cystic lung lesion causing pneumothorax: a case report

Chun Yuen Chow, Singapore

P. Tang, A. Takano

012

Mucous gland adenoma of the lung: a case report from a very rare entity in an unusual location

Orlando Manuel Da Rocha Moreira Pedro, Portugal

D. Almeida, J. dos Santos, M. Honavar, T. Amaro

013

Immunophenotypic analyses of diffuse idiopathic pulmonary neuroendocrine cell hyperplasia: a brief case series tested with emerging markers INSM1 and POU2F3

Biancamaria Del Forno, Italy

F. Fortarezza, F. Pezzuto, F. Lunardi, E. Faccioli, F. Rea, F. Calabrese

014

Association of EGFR mutation status with morphological, epidemiological, clinical characteristics of lung adenocarcinoma and squamous cell carcinoma

Sergejs Dubencovs, Latvia

J. Nazarovs, A. Mežals

015

Differential expression of MRPL23 in non-small cell lung cancer and its prognostic implications

Justyna Durslewicz, Poland

M. Gagat, Ł. Szyłberg, D. Grzanka

016

Hepatoid adenocarcinoma of the lung with EGFR and TP53 mutation: a case report and literature review

Anupurva Dutta, India

S. Nayak, N. Karuvandan, O. Shetty

017

Challenges in diagnosis of multiple lung cancers: synchronous double primary lung or intrapulmonary metastasis?

Ichrak El Hadhri, Tunisia

R. Ayadi, E. Braham, R. Yaiche, I. Bouassida, I. Mallek, O. Ismail, S. Ben Slama, A. Ayadi

018

Distinguishing synchronous double primary lung adenocarcinoma from intrapulmonary metastasis based on histological findings and immunohistochemical study

Ichrak El Hadhri, Tunisia

R. Ayadi, E. Braham, R. Yaiche, I. Bouassida, I. Mallek, O. Ismail, S. Ben Slama, A. Ayadi

019

Tracheal adenoid cystic carcinoma: an extremely rare malignant tumour involving the trachea

Ichrak El Hadhri, Tunisia

R. Ayadi, E. Braham, R. Yaiche, M. Affes, I. Bouassida, I. Mallek, O. Ismail, S. Hantous-Zannad, A. Ayadi

020

Non-small cell bronchopulmonary carcinoma and molecular testing for EGFR, ALK and PDL-1 status, 8 years experience at CHU Mohammed VI

Halima El Khadraoui, Morocco

H. Rais, B. Benzi

021

Informatics and digital pathology in non-small cell lung cancer: automatic quantification of brightfield multiplex immunohistochemistry

Matteo Errani, Italy

F. Ambrosi, T. Franceschini, C. Ricci, A. Grillini, E. Franchini, E. Demaria, A. Gherardi, A. Bevilacqua, M. Fiorentino, M. Mottola

022

Recognition of two distinct variants of mucin-producing primary lung adenocarcinoma

Junya Fukuoka, Japan

Y. Tsushima, K. Lami

023

Mind the gap: molecular testing in lung cancer biopsies and targeted therapy correlation

Leticia Gallego, Ireland

E. Lee

024

Is the expression of programmed cell death ligand 1 related to histological features in small biopsies of lung adenocarcinoma?

Nikola Gardic, Serbia

A. Lovrenski, S. Glumac, M. Jovanović

025

The role of mediastinal transbronchial nodal cryobiopsy in the diagnosis of non-small cell lung cancer

María Jesús Gil-Belmonte, Spain

B. Agredano-Ávila, J. Cruz-Rueda, H. Taveras-Espinal, G. Valdenebro-Cuadrado, F. Velasco-Albendea

026

Pulmonary pathology features in methadone-related fatalities

Daria Gorelova, Russia

O. Reshetnikova, E. Romanova, A. Ermakov

028

Prognostic impact of the IASLC grading system of lung adenocarcinoma: a systematic review and meta-analysis

Fanni Hegedus, Hungary

N. Zombori-Tóth, S. Kiss, T. Lantos, T. Zombori

029

Pleomorphic carcinoma of the lung in young patients-report of two cases and review of the literature

Ágota Ilyés, Romania

K. Straub, E. Deé, O. Iurcsuk, E. Kálmán, B. Nagy, S. Csató, A. Burszán-Barabás, A. Dobrică

030

Pleuroparenchymal fibroelastosis: a case series based review regarding its radiological-anatomopathological correlation

José Javier Jiménez Velasco, Spain

N. Fontanil Vior, Y. Guzmán Gómez, S. Alvarez Alonso, J. Gómez Román

031

A case report of a pulmonary S100-negative granular cell tumour

Deborah Jones (Westcott), United Kingdom

L. D'Sa, M. Goddard, S. Preston

032

Hepatoid adenocarcinoma of lung: a series of three cases with histopathological, immunohistochemical and predictive biomarkers assessment

Milena Jovanovic, Serbia

N. Tomanovic, R. Jankovic, M. Stjepanović, S. Popevic, N. Nikolić, K. Branković, S. Glumac

033

Glimpses of Rarity: 25 cases of salivary gland-type lung carcinomas from a tertiary care centre in South India

Elsa Joy, India

S. Nair P, P. T R, R. P Mony, I. S Nair, L. A L, A. Mathew

034

Combined small cell lung carcinoma: case report highlighting important histological, immunohistochemical and molecular features

Mark Keyter, Switzerland

A. Favre-Bulle, M. Brendle, M. Trimech, E. Missiaglia, M. Gonzalez, S. Berezowska

035

Angiogenesis in the crossroad of molecular pathways in lung cancer

Evangelii Lampri, Greece

M. Saranti, A. Zikou, I. Tragani, D. Dimou, A. Varouksi, S. Papadatos, P. Margariti, V. Galani, A. Mitselou

036

Histopathological features of thoracic granulomatosis with polyangiitis

Farah Loued, Tunisia

R. Ayadi, E. Brahem, R. Yaiche, O. Ismail, B. Hamdi, S. Ben Slama, A. Ayadi

037

Pulmonary alveolar proteinosis: diagnosing a rare lung disease

Farah Loued, Tunisia

R. Ayadi, E. Brahem, R. Yaiche, O. Ismail, B. Hamdi, S. Ben Slama, A. Ayadi

038

Hyalinizing clear cell carcinoma: integration of morphology, immunophenotype and molecular features to diagnose the infrequent subtypes of lung cancer

Javier Martin-Lopez, Spain

P. Martin Acosta, L. Martin Fragueiro, C. Salas Anton

039

HER2 expression and mutation in lung adenocarcinoma: a retrospective unicentric study of 206 patients

Anne Mouraire, France

M. Ferreira, I. Molnar, F. Penault-Llorca, M. Kossai

040

Reproducibility study on non-small cell lung cancer specimens stained with PD-L1 IHC 22C3 pharmDx (Dako Omnis, GE006)

Jeanette Musser, USA

G. Toland, C. Roach, S. Tabuena-Frolli, S. Hund

041

ADAM17, ACE2, TMPRSS2 and TNFAIP2 – comparative immunohistochemical landscape in lungs of fatal cases of SarsCov-19 and AH1N1 influenza infection

Razvan Neagu, Romania

S. Zurac, M. Balea, L. Nichita, L. Stanciu, S. Niculae, A. Cibotariu, D. Marinoiu, A. Bordea, R. Ionescu, C. Dumitru, A. Vilaia, C. Popp

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A lung adenocarcinoma with unusual initial presentation as a right inguinal metastasis

Sofia Neves, Portugal

I. Araújo, D. Sá, N. Jorge Lamas

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Pathologic analysis of 116 pulmonary carcinoid tumours, excised over a 16-year period in a Greek regional cancer centre

Anastasia Nikolaidou, Greece

P. Kousidis, N. Barbetakis, D. Paliouras, G. Panselinas, S. Androniadou, E. Triantafyllidou, S. Mavropoulou, V. Christoforidou

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Thoracic SMARCA4-deficient undifferentiated tumour: a case report series

Eugenia Isabel Ortega Pinto, Spain

E. Revilla Sanchez, J. Jiménez Almonacid

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A tumour whose name is harder to remember than to diagnose – bronchiolar adenoma / ciliated muconodular papillary tumour: report of a case diagnosed in frozen section

Muhammet Samil Özlü, Turkey

J. Noury Rad Davaji, C. Yüksel, S. Dizbay Sak

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Rare, very rare, and even rarer: carcinoid tumour, sclerosing pneumocytoma, and combined carcinoid tumour and sclerosing pneumocytoma

Muhammet Samil Özlü, Turkey

H. Aknar, B. Yenigün, S. Dizbay Sak

047

Pulmonary crystal-storing histiocytosis masking pulmonary extranodal marginal zone lymphoma. A rare entity mimicking lung carcinoma

Christos Panayi, *United Kingdom*
M. Sheaff, M. Grantham, A. Wotherspoon, A. Nicholson, K. Giaslakitotis

048

High endothelial venules in the pleura: MECA-79 expression in mesothelioma, pleural metastasis and pleuritis

Joris Pascal, *France*
G. Karpathiou, M. Peoc'h, M. Mobarki, T. Amaamri Seebach

050

A case of endobronchial leiomyoma

Ivana Petrovic, *Serbia*
M. Jovanović, J. Sopta, J. Stanojevic, S. Popevic, M. Stjepanovic, S. Glumac

051

Adenocarcinoma combined with carcinoid/ diagnosed on transthoracic biopsy – case report

João Miguel Pimentel, *Portugal*
V. Almeida, A. Ramos, V. Sousa, L. Carvalho

052

Anti-MDA5 antibodies and dendritic cells in dermatomyositis with lung involvement

Johanna Knirsch, *Austria*
H. Popper

053

Lymphangiomatosis, systemic and localised

Ann-Kathrin Hadick, *Austria*

H. Popper

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Biopsy interpretation of an unusual mesothelial proliferation in the peritoneum of a male patient

Lavisha S. Punjabi, *Singapore*
C. Chua Ze Xin, X. Cheng, W. Leow

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Exploring PDL-1 expression, TCD8 lymphocytes, and immunotherapy response in advanced NSCLC patients: a single-centre study

Rosa Rendon, *Spain*
L. Lopez Herrera, J. Machuca Aguado, A. Lopez Prieto, M. Idoate Gastearena

056

Expression of FOXP3 in the microenvironment of non-small cell lung cancer tissue on the background of the application of immunotherapy

Anatolii Romaniuk, *Ukraine*
Y. Moskalenko, A. Baryshok, R. Moskalenko

057

Tumour infiltrating lymphocytes characterization in advanced non-small cell lung cancer with first-line immune checkpoint inhibitors treatment

Leonor Ruivo, *Portugal*
M. Pinho Fialho, D. Baptista, J. Filipe

059

Non-small cell lung carcinoma with coexpression of TTF-1 and p40: is there new entity on a horizon?

Ivana Savic, *Serbia*
K. Kundovic, J. Myers

060

Prevalence of phenotypic transformation as acquired resistance mechanism in EGFR mutated non small cell lung cancers

Rebecca Sparavelli, *Italy*
R. Bruno, A. Sbrana, I. Petrini, A. Chella, G. Ali

061

A rare case of typical carcinoid tumour with a component of pigmented carcinoid tumour – case report

Elena Stojkoska,
D. Jasar, K. Kubelka-Sabit, V. Filipovski, A. Arsovski, D. Smilevski

062

Collagen V is the trigger for pulmonary fibrosis in the systemic sclerosis (SSc) model

Walcy Rosolia Teodoro, *Brazil*
V. Elias Contini, A. Pereira Velosa, Z. de Jesus Queiroz, S. Catanozi, A. Dos Santos Filho, S. de Moraes Fernezlian, L. Keren Ramos da Silveira, T. de Matos Lobo, C. Machado Baldavira, D. Frediane Barbeiro, A. Sousa Santos, P. Degrava Sampaio Barros, V. Capelozzi

063

PD-L1 expression and type-I interferon response in non-small cell lung cancer

Christian Thomsen, *Denmark*
C. Meristoudis

064

Epitheloid hemangioendothelioma in the lung: a case report

Selin Turgut, Turkey*G. Özbilim, M. Çelik, H. Keskin***065**

Pulmonary nodular lymphoid hyperplasia presenting as multifocal mass suspicious for malignancy: a case report

Dalma Udovicic-Gagula, Bosnia and Herzegovina*E. Delic***066**

A benign but life-threatening cause of hemoptysis: endobronchial capillary hemangiomas

Ioannis Vamvakaris, Greece*S. Zaneli, N. Anagnostopoulos, G. Liadakis, M. Anagnostopoyloy, P. Tziakou, I. Grypari, A. Bakiri, G. Stratakos***067**

Small cell lung carcinoma subtypes defined by ASCL1, NEUROD1 and POU2F3: an immunohistochemical study

Alon Vigdorovits, Romania*G. Olteanu, A. Pascalau, A. Camarasan, M. Muresan, O. Pop***068**

Expect the unexpected: a new pulmonary nodule in a patient with a history of follicular lymphoma

Alexandra Vilaia, Romania*F. Pezzuto, G. Scapinello, F. Piazza, D. Marino, F. Calabrese***069**

Clinicopathologic characteristics of pleomorphic carcinoma of the lung in a single Tunisian institution: a series of 8 cases

Rahma Yaiche, Tunisia*Y. Houcine, R. Ayadi, E. Braham, O. Ismail, A. Ayadi***070**

Pulmonary inflammatory myofibroblastic tumour: an unusual condition in adults

Rahma Yaiche, Tunisia*E. Braham, I. El Hadhri, I. Bouassida, R. Ayadi, I. Mallek, O. Ismail, S. Ben Slama, A. Ayadi***071**

Pleural mesotheloma in situ (MIS) mimicking well-differentiated papillary mesothelial tumour (WDPMT): report of two cases of this novel challenging entity

Simone Zanella, Italy*S. Fraticelli, D. Rahal, S. Uccella, G. Pelosi, P. Bossi***E-PS-21****E-Posters****Thymic and Mediastinal Pathology****001**

Giant cardiac glomus tumour: a rare presentation with rapid progression in an elderly patient

Samir Amer, USA*N. Dioufa, J. Fu, M. Mollae***002**

Neuroblastoma in a 70 year old woman: case report and literature review

Marta De Uribe Viloría, Spain*S. Quinones, E. Sánchez López, G. Escuer-Albero, V. Macarrón, R. Regojo, I. Esteban-Rodríguez***003**

Posterior mediastinal ganglioneuroma with fat tissue: pathological study of an unusual tumour

Ichrak El Hadhri, Tunisia*R. Ayadi, E. Braham, R. Yaiche, M. Affes, I. Mallek, O. Ismail, S. Hantous-Zannad, I. Bouassida, A. Ayadi***004**

Hidden in plain sight: an ectopic thymoma

Ciara Guerin, Ireland*A. Robinson, E. O' Neill, A. Fabre, J. Kirby, M. Sabah***005**

A case report of a mediastinal, mixed non-seminomatous germ cell tumour harboring postpubertal teratoma with four types of somatic malignancies

Panagiotis Kousidis, Greece*G. Panselinas, S. Androniadou, V. Christoforidou, N. Barbetakis, Z. Zafeiriou, A. Nikolaidou*

006

Atypical thymic carcinoid tumour: a case report and novel literature review

Panagiotis Kousidis, Greece
V. Christoforidou, N. Barbetakis, S. Androniadou, N. Dimitrellos, E. Triantafyllidou, A. Nikolaidou

007

A rare case of mediastinal cystic seminoma

Rodrigo Lyrio, Portugal
A. Pestana Lopes, M. Mendes de Almeida

008

A case report of a rare and aggressive tumour of the thymus: lymphoepithelioma-like carcinoma

Asma Mahmoudi, Tunisia
A. Bdioui, M. Krifa, Y. Ben Romdhane, S. Mestiri, S. Hmissa

009

Lipofibroadenoma: a case report and review of the literature with clinicopathological analysis

Donna O'dwyer, United Kingdom
F. Roberts, H. Pitchamuthu

010

Primary neuroendocrine tumour of the mediastinum: a case report and literature review

Olympia Tzaida, Greece
G. Galanopoulos, P. Bafaloukos, E. Souka, N. Mpolanos

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Cytopathology

001

Implementation of the International System for Reporting Serous Fluid Cytopathology (TIS) with cytohistological correlation and evaluation of malignancy risk

Refik Selim Atamanalp, Turkey
S. Erdogan-Durmus, C. Comunoglu, O. Yalcin, B. Akı

002

Papilloma virus humain typing at the pathology department of the Oran University Hospital Centre

Boutheyna Belbachir, Algeria

003

Fine needle aspiration cytology of the thyroid as diagnostic tool of secondary malignancies: Gustave Roussy Experience

Nadia Ben Othman, France
V. Suciu, N. Ben Romdhane, S. Moog, L. Lamartina, R. Soufan, J. Hadoux, D. Hartl, E. Baudin, A. Al Ghuzlan, M. Bani

004

Endoscopic lymph node sampling and oesophageal cancer surgery

Michael Bonert, Canada
B. Cheng, A. Naqvi, R. Juergens, C. Finley

005

Weakness unmasked: a case report of primary effusion lymphoma

Sofia Carralás Antunes, Portugal
M. Rodrigues, D. Gomes Pinto, A. Teles, F. Soares Nogueira, A. Oliveira, F. Campos

006

Pulmonary oncocytoma presenting in a 43-year old female previously diagnosed with clear cell renal cell carcinoma: a case report

Anna Katrina Donato, Philippines
L. Cale-Subia

007

Liquid-based preparations in thyroid fine needle aspiration cytology. Comparison between different series in two Italian institutions

Mariausilia Franchina, Italy
C. Pizzimenti, V. Fiorentino, S. Cortecchia, L. Caprara, A. Leni, G. Tuccari, M. Martini, A. Bonanno, M. Puccetti, G. Fadda

008

Guar beans in urine cytological specimen: a potential diagnostic pitfall

Silvia Gamba Torrez, Spain
T. Zudaire Fuertes, S. Rubio Mediavilla, J. Sola Gallego

009

Breast implant-associated anaplastic large cell lymphoma: cyto-histopathological correlation of an unusual entity with increasing incidence

Sonia García-Fuertes, Spain
N. Franco Rubio, E. Ponce Casas, R. Vilorio, E. Mejia, C. del Agua Arias-Camisón, M. Cardiel García

010

A case report of an adenoid cystic carcinoma of the breast diagnosed by fine-needle aspiration biopsy

Tamara Ivkovska, North Macedonia
L. Ivkovski, I. Prodanova, Z. Boceska

011

Imprint cytology in paediatric solid tumours: a cyto-histological correlation study at a tertiary care cancer centre in South India

Elsa Joy, India
R. P. Mony, J. Kattoor, P. Thankamony

012

Neuroendocrine tumour of the breast showing invasive micropapillary pattern – cytological features

Tomonori Kawasaki, Japan
T. Tashima, Y. Hoshida, K. Taniyama, D. Taniyama, S. Ichihara, T. Kondo, A. Enomoto, Y. Nakamura, K. Kaira, H. Imai, K. Okamoto, H. Nagai, C. Muramatsu, J. Ichikawa

013

Reliability of grading preoperative pancreatic neuroendocrine tumours (PanNET) on endoscopic ultrasound specimens (EUS)

Ulrika Klopčič, Slovenia
B. Ranković, A. Gruden, D. Siuka, M. Strojjan Fležar

014

Ultrasound and cytological correlation of thyroid gland nodules using TIRADS and Bethesda classifications

Tanja Lakic, Serbia
T. Icin, A. Ilić, A. Lovrenski, Z. Milić, M. Panjković

015

Myositis ossificans: rare paediatric case diagnosed with FNAB and confirmed by RNA genotyping of cytology sample

Živa Ledinek, Slovenia
V. Kloboves Prevodnik, M. Stefanović, M. Česen Mazič, A. Gazikalović, B. Mavčič

016

Liquid-based cytology in thyroid fine needle aspiration: a 6-year audit on 23,968 consecutive cases at a single institution

Wen-Ying Lee, Taiwan
H. Wang, L. Huang, M. Tseng, S. Chiang, C. Lee

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S. Quinn, C. Collins, D. Gibbons

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Elisabetta Maffei, Italy
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High grade serous carcinoma of the peritoneum. Case report and literature review

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C. Febles Pérez, M. Vilar Chesa, R. López Henríquez, M. Krupinska, F. García Machado

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Jorge Salvador Marrero Afonso, Spain
S. Carrión Marrero, K. Gallardo Rodríguez, I. González Villa, R. López Henríquez, M. Krupinska, C. Febles Pérez

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Marco Montella, Italy
S. Lucà, F. Zito Marino, E. Clery, E. Carraturo, A. Cioce, I. Cozzolino, R. Franco

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Robert Ondruššek, Czech Republic

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Andrea Lissete Pazmiño Arias, Spain
I. Sánchez Güerri, A. Molina Alvarez, S. Prat Mendez, S. Calvo González, F. Pérez Muñoz, M. Patriarca, A. Quiñero Inserte, B. Lloveras Rubio

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K. Chew, A. Kee, N. Tan, M. Nga

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Sultan Rana Ramazanoglu, Turkey
M. Aydogdu, S. Erdamar Çetin, C. Yakicier, A. Özmen

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R. Sharma, A. G. P. Elhence, A. Nalwa, S. Khera, D. Vedant, V. Vishwajeet, D. Aggarwal, V. Verma, P. Khera, V. Varshney, C. Birda, A. Solanki

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A. Dovnik, S. Sramek Zatler

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Iswarya S Nair, India
R. P. Mony, J. Kattoor, L. A. L.

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Anna Semenova, Russia
V. Galkin, O. Tarakanova, E. Slavnova, V. Shatalov

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Havva Gokce Terzioglu, USA
B. Kadow, A. Gorbonos, M. Quek, E. Wojcik, G. Akdas Barkan

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Juliana Carneiro Melo, Brazil
D. Nunes Oliveira, R. Osterne Lima Verde, E. Tomé de Sousa, L. De Carvalho Neto, M. Jales Moura, J. Pereira Filgueira, F. Oliveira Cavalcante Júnior, M. Pereira dos Santos, A. de Carvalho Assunção

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Kasimu Adoke, Nigeria
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G. Sabella, M. Simbolo, V. Lagano, M. Gentili, A. Mangogna, J. Coppa, G. Munari, G. Businello, C. Borga, F. Schiavi, S. Pusceddu, R. Leporati, M. Fassan, M. Milione

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I. Hadhri, O. Belkacem, Z. Lajmi, M. Krifa, S. Mestiri, S. Hmissa

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Khouloud Ben Lazreg, Tunisia

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Havva Berber, Turkey

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Deyali Chatterjee, USA

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Ioana-Anastasia Cibotariu, Romania
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A. Dumitru, C. Alius, D. Dumitrescu, O. Voinea, M. Costache

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Ana María Colino Gallardo, Spain
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Andrei Coman, Romania
D. Cristea, R. Ionescu, L. Dragostin, C. Popp, L. Sticlaru, M. Cioplea, L. Nichita

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Miriam Cuatrecasas Freixas, Spain
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A. Pasco Peña, H. Galindo Guzman, E. Carracedo Vega, M. García Martos, Á. Panizo Santos

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Marta De Uribe Viloria, Spain
S. Quinones, P. Adolewska, J. Fisac Vázquez, L. G-Pastrán

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Zarina Gioeva, Russia

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A. Tebenkova, M. Mnikhovich, T. Bezuglova, V. Mkhitarov, L. Mikhaleva

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Mikhail Gushchin, Russia

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Matthew Hanks, United Kingdom

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Begoña Heras Morán, Spain

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Gyeong-Hoon Kang, Republic of Korea
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T. Tashima, T. Muramatsu, R. Jinushi, S. Ryozawa, M. Hirasaki, M. Yamato, Y. Sonoda, Y. Horita, T. Hamaguchi, R. Kawamura, M. Suzuki, S. Takemi, M. Saitoh, J. Ichikawa

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Faris Kubba, United Kingdom
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Milda Kupryte, Lithuania
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A. Marques, I. Gullo

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Violeta Nicoleta Marin, Romania
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A case report of Kaposi sarcoma of the penile urethral meatus

Tiberiu-Augustin Georgescu, Romania

M. Olinca, A. Georgescu

046

ALK re-arranged renal cell carcinoma – a case highlighting the importance of pathological review in difficult to classify renal tumours

Corina Girleanu, Ireland

E. Elhassan, P. Kelly, D. Power, L. Browning, P. Sweeney, R. Bambury, N. Mayer

047

Epididymal cholesterol granuloma resembling a testicular tumour: case report

Nana Goishvili, Georgia

M. Jangavadze, I. Kirvalidze, I. Khakhutaishvili, K. Tsomaia

048

Could tubulocystic renal cell carcinoma be a hybrid tumour? Two cases report and review of the literature

Özge Gökbasi, Turkey

A. Namal, Ç. Demirdağ, İ. Gürses

049

Intraductal carcinoma of the prostate – wolf in lamb's skin or paper tiger?

Danijel Antonio Grubišić, Croatia

M. Čorić, V. Pešutić Pisac, M. Duvnjak, T. Čeprija, K. Vilović

050

Urine for a surprise: primary malignant melanoma of the urinary bladder

Ciara Guerin, Ireland

J. Moyle, R. Wong, I. Cheema, L. Grogan, E. Leen

051

Mucinous tubular and spindle cell renal carcinoma – a case report series

Eduardo Higuera Mora, Spain

S. Merino Baamonde, M. Rubiera Valdés, F. Pérez Rastrollo, C. Fuente Díaz, C. González Rodríguez, M. García Martínez, A. Soría Montoya, A. de la Hueraga, J. Riera Velasco, V. Blanco Lorenzo

052

Changes in glycosylation patterns are observed alongside prostate neoplasia

Pavol Janega, Slovakia

A. Janegova

054

Primary extranodal marginal zone lymphoma of bladder: a rare cause of hematuria in a young male

Seema Kaushal, India

A. Narwal, V. Aggarwal, A. Seth

055

Case report of a sarcomatoid squamous cell carcinoma of the penis with an osteosarcomatous component

Olga Kouroukli, Greece

E. Kourea

056

A rare case of somatic type malignancy of high-grade neuroendocrine carcinoma in metastatic mixed non-seminomatous germ cell tumour

Anastasiya Kret, United Kingdom

M. Cumberbatch, R. Young, S. Conroy, K. Benes

057

Centralized prostatectomy with intra-operative NeuroSAFE surgical margin assessment improves surgical margin control

Lisa Kroon, The Netherlands

S. Remmers, M. Busstra, M. Gan, S. Klaver, J. Rietbergen, M. van der Slot, E. Hollemans, C. Kweldam, C. Bangma, M. Roobol, G. van Leenders

058

Histopathological characteristics of prostate cancer lymph node metastasis with false-negative PSMA-PET/CT findings

Lisa Kroon, The Netherlands

C. Kweldam, G. van Leenders

059

How to handle prostatic ductal adenocarcinoma in the urethra prostatica?

Lisa Kroon, The Netherlands

060

Sarcomatoid variant urothelial carcinoma of the bladder in a patient previously treated for prostate cancer

Martyna Aleksandra Krupinska, Spain

R. López Henríquez, J. Marrero Afonso, C. Hernández León, S. García Hernández

061

Cystic trophoblastic tumour in retroperitoneal lymph node metastasis

Ulku Kucuk, Turkey

O. Şahin, S. Ekmekci, B. Özamrak, T. Degirmenci

062

Paraganglioma in unusual location – a case report

Rocio López Henríquez, Spain

M. Krupinska, J. Marrero Afonso

063

Malignant and uncertain malignant potential primary mesenchymal tumours of the kidney in adulthood: a comprehensive review of cases since 1980

Victor Macarrón, Spain

G. Escuer-Albero, L. Hato Salmón, B.

Popescu, E. García Fernandez, P. González-Peramato

064

Evaluating the histological accuracy of percutaneous kidney biopsies in the diagnosis of renal masses

Alopa Malaviya, United Kingdom

A. Warren, S. Aldujaili

067

Fluorescence confocal microscopy for the assessment of ureteral and urethral margins in radical cystectomy: a feasibility study

Larissa Mendes, United Kingdom

R. Almeida Magana, E. Day, A. Ta, G. Shaw, J. Kelly, A. Freeman, A. Haider

068

Thyroid-like follicular renal cell carcinoma: a rare presentation following neuroblastoma – a case report

Tamas Micsik, Hungary

R. Kiss, M. Csoka, S. Szabo, Z. Jenővari, G. Bedics, G. Vujanic, L. Kuthi

069

Epidemiological and histopathological characteristics of urothelial carcinoma of the bladder in women

Marrakchi Mohamed Lamine, Algeria

A. Latreche, K. Chaita, M. Atrous, A. Mahdjoub, S. Bensaci

070

Urothelial carcinoma associated with carcinoma in situ: epidemiological and pathological characteristics

Marrakchi Mohamed Lamine, Algeria
A. Latreche, K. Chaïta, M. Atrous, A. Mahdjoub, S. Bensaci

071

Renal mass biopsy – about a series of 470 cases

Khadidja Mokeddem, Algeria
S. Loughreib, Z. Amir

072

Tertiary lymphoid structures in socially important prostate diseases

Angelina Mollova-Kyosebekirova, Bulgaria
M. Koleva, A. Bivolarska, M. Stoilova, D. Dikov

073

Bladder paraganglioma: a rare incidental finding

Makhlouf Nadia, Tunisia
M. Hamdani, M. Walha, K. Bel Haj Ali, M. Manita, A. Khabir

074

Unusual double differentiation in a germ cell tumour

María Narváez Simón, Spain
A. Remón Love, A. González Fábrega, A. Carrero Castaño, R. Ríos Pelegrina

076

Testicular lymphoma: a 5-year retrospective of a Portuguese University Hospital and reference centre for testicular pathology

Sofia Neves, Portugal
N. Chiote, D. Sá, F. Emanuel Costa, N. Jorge Lamas

077

Papillary urothelial carcinoma with grade heterogeneity: concordance between manual assessors, automated image analysis and urine cytology

Ngoc-Nhu Jennifer Nguyen, Canada
E. Olkhov-Mitsel, C. Sherman, J. Sweet, T. van der Kwast, M. Downes

078

How does smooth muscle invasion quantification of transurethral resection of bladder tumour specimens influence staging outcome on cystectomy?

Stefan Niculae, Romania
L. Mitrache, G. Berdan, A. Petrescu

079

Mucinous, tubular, and spindle cell renal cell carcinoma – importance of accurate diagnosis: case report

Gorana Nikolic, Serbia
Đ. Radisavčević, M. Miler, S. Radojevic Skodric, V. Mijajlovic

080

Undifferentiated renal cell carcinoma with medullary phenotype or medullary renal cell carcinoma – what is the difference? A case report

Gorana Nikolic, Serbia
L. Ćuković, J. Stefanović, V. Mijajlovic, S. Radojevic Skodric

081

A challenging case about testicular tumour of adrenogenital syndrome: a clinico-pathological report

Manel Njima, Tunisia
A. Ben Mabrouk, S. Mabrouk, S. Ben Hammouda, A. Bellalah, A. Zakhama

082

A paratesticular mass diagnosis supported by molecular pathology

Guilherme Nogueira Fontinha, Portugal
J. Amaral, A. Lai, R. Almeida, V. Sousa

083

Pure yolk sac tumour in retroperitoneum – primary or secondary?

Damla Ofias, Turkey
M. Hant

084

An infrequent diagnosis in an unusual location: a case report

Ainhoa Ordoñez, Spain
B. Aguiar, M. Manrique, M. Rezola, M. Conde, S. De Burgos González, A. Val-Carreres Castellote, I. Ruiz Díaz

086

Reporting the status of non-neoplastic testicular parenchyma in tumoural radical orchiectomies (ROs) as screening for infertility factors: a study of 56 consecutive cases with corresponding semen analysis (SA)

Gladell Paner, USA

J. Kwon

088

Prostatic adenocarcinoma with focal pleomorphic giant cell features is prone to microsatellite instability

Shan Peng, China

C. Wu, M. Hou, L. Zhao, L. Lei, X. Qiu, J. Yang, Y. Fu

089

In search of identity: a case report of an enigmatic oncocytic kidney tumour

Maria Catalina Popelea, Romania

A. Borda, M. Decaussin-Petrucci, A. Loghin

090

Hemangioblastoma of the kidney – clinical, pathological, and genetic features

Boglárka Pósfai, Hungary

F. Sánta, A. Jenei, G. Forika, A. Fintha, Á. Somorác, B. Dénes, F. Salamon, K. Eizler, N. Giba, D. Semjén, I. Illyés, A. Kovács, G. Munkácsy, L. Kuthi

091

Case series of micropapillary urothelial carcinoma: a rare and aggressive subtype of bladder cancer

Andrada Raicea, Romania

A. Tătar, A. Loghin, A. Borda

092

Mucinous tubular and spindle cell carcinoma, with spindle cell-dominant morphology: a diagnostic challenge

Miguel Rodrigues, Portugal

I. Andrade

093

Statistical analysis of the incidence of malignant neoplasm of the prostate gland in the Sumy region

Anatolii Romaniuk, Ukraine

M. Yasnikova, Y. Kudriavtsev, A. Ponyrko, R. Mychailenko, A. Yaremenko

094

Sarcomatoid urothelial carcinoma with heterologous components: case report of a rare and aggressive subtype of urothelial carcinoma

Diogo Sá, Portugal

S. Neves, M. Mexia, X. Wen, F. Costa, J. Vizcaíno

095

Succinate dehydrogenase-deficient renal cell carcinoma: case report of a rare kidney neoplasm

Diogo Sá, Portugal

G. Carrola, N. Chiote, F. Costa, J. Vizcaíno

096

Uncommon testicular tumours: a Tunisian centre experience

Ghada Sahraoui, Tunisia

M. Ben Thayer, A. Khemir, I. Abbas, M. Dkhil, R. Doghri, H. Azaiez, L. Charfi, K. Mrad

097

A single-centre case series of a new entity: low-grade oncocytic tumour

Fadime Gül Salman, Turkey

M. Oktay, E. Karakök, F. Aktepe, İ. Türkmen

100

Uncommon histological features of succinate dehydrogenase-deficient renal cell carcinoma: an experience of 3 cases

Fanni Santa, Hungary

B. Pósfai, B. Vasas, L. Kaizer, A. Jenei, B. Scheich, V. Téglási, K. Bíró, A. Maráz, S. Mavrogenis, H. Butz, K. Pivovaráčková, A. Dabaghian, M. Akgul, L. Kuthi

102

Adult nephroblastoma case detected during acute coronary syndrome – Georgian rare case report

Viktoria Shonia, Georgia

g. Burkadze, T. Mosidze, S. Kepuladze

103

Unusual localization and diagnostic challenge: a case series of four patients with leiomyomas of the urinary tract

Ivana Stanišić, Serbia

Ž. Panić, T. Vasiljević, T. Lakić, V. Trivunović, S. Trivunić Dajko

- 105**
Immunoprofiling of mucins (MUC1, MUC2, MUC4, MUC5ac and MUC6) in a rare case of urachal mucinous neoplasm of low malignant potential
Cecilia Taverna, Italy
F. Montefiore, F. Bonini, F. Tava, A. Di Marco, R. Gaeta
- 106**
Fumarate hydratase deficiency occurring in malignant Leydig cell tumours
Nazario Pio Tenace, Italy
M. Barella, B. Paolini, G. Pini, G. Sabella, M. Colecchia
- 107**
The prognostic significance of peritumoural lymphocytic infiltrate in invasive urothelial carcinoma: correlation with clinical endpoints and long-term outcomes
Nazario Pio Tenace, Italy
D. Robesti, R. Lucianò, M. Freschi, G. Pini, A. Lopez Beltran, M. Colecchia
- 108**
Penile melanoma in young patient: case report
Stanislav Tolmachev, Kazakhstan
M. Urezkova, A. Gogolev, D. Gazizova, I. Poliatskin, N. Anarbayev
- 109**
Primary neuroendocrine tumour of the kidney: case report
Stanislav Tolmachev, Kazakhstan
M. Urezkova, A. Gogolev, D. Gazizova, I. Poliatskin, N. Anarbayev
- 110**
Mucinous tubular and spindle cell carcinoma: a case report of a rare kidney tumour
Roberta Maria Tripea, Romania
M. Penciu, M. Cristina, R. Şoană
- 111**
Adenoid cystic (basal cell) carcinoma (ACC) of the prostate: case report and literature review
Olympia Tzaida, Greece
G. Galanopoulos, E. Souka, P. Bafaloukos, E. Fergadis
- 112**
Four in a row – multiple primary malignant tumours with two of them in the urogenital tract
Ana-Daniela Vitan, Romania
A. Croitor, V. Dema, A. Cumpanas, D. Herman, A. Dema
- 113**
Histopathological evaluation of tumour hypoxia in relation to IDC-P and cribriform pattern in prostate cancer
Ljiljana Vlatkovic, Norway
V. Skingen, T. Seierstad, T. Hompland, H. Lyng
- 114**
Mixed epithelial and stromal tumour of the kidney
Martina Vuletic, Croatia
T. Čepnija, J. Bezić, V. Pešutić-Pisac
- 115**
Incidence and pitfalls of adipose tissue encountered in prostatic transurethral resections and related specimens
Douglas Wu, Uganda
J. Brooks, A. Sangoi
- 116**
Squamous cell carcinoma of the kidney: a tumour that is often missed preoperatively
Mouna Zghal, Tunisia
O. Boudaouara, W. Ghribi, M. Mellouli, L. Ayadi, T. Sellami Boudawara, C. Chaari

▶ Congress Information

► Congress Venue

Fortezza da Basso
Viale Filippo Strozzi 1
50129 Florence
Italy
Entrance: Porta Faenza

► Congress and Exhibition Office



CPO HANSER SERVICE GmbH
Paulsborner Str. 44
14193 Berlin, Germany
Phone: +49-30-300 669-0
Email: ecp-florence@cpo-hanser.de

► Congress Registration Counter

All congress material and documentation is available at the congress registration counter. The Congress Counter will be located in the entrance area on Spadolini Ground Floor at Spadolini Pavilion.

Opening hours

| | | |
|-----------|--------------|---------------|
| Saturday | 7 Sept 2024 | 16:00 – 20:00 |
| Sunday | 8 Sept 2024 | 07:00 – 18:00 |
| Monday | 9 Sept 2024 | 07:00 – 18:00 |
| Tuesday | 10 Sept 2024 | 08:00 – 18:00 |
| Wednesday | 11 Sept 2024 | 08:00 – 17:30 |

► ESP Booth

The booth of the European Society of Pathology (ESP) is located on Spadolini Ground Floor near the registration area.

► On-site Registration

On-site registration will be processed on a first-come, first-served basis. Priority will be given to pre-registered delegates. Depending on the number of on-site registered delegates, availability of congress material may be limited.

► Registration Fees

| | EUR |
|--|-----|
| ESP Member* | 730 |
| Non-Member | 900 |
| Resident** | 390 |
| PhD student** | 390 |
| Accompanying person | |
| of an ESP Member | 120 |
| of a Non-Member | 140 |
| Molecular Pathology Diagnostics Symposium*** | 250 |
| Computational Symposium*** | 250 |

* In good standing (membership fee for 2024 paid). Please note that the member fee can only be granted if you are a member of the ESP at the time of registration. If you are not a member yet, you need to apply for membership first, and once you have received your ESP membership confirmation, you can register at the member fee.

** For residents / PhD students under 45 (i.e. born after 7 September 1979 – to be proven by ID card / passport). The resident / student status must be confirmed by a formal declaration from the head of department or the responsible for the training programme. All documents need to be uploaded during the registration process.

*** Participants with full ECP registration can attend this symposium at no extra cost.

All registration fees are exempt from VAT.

Registration Fee for ESP Members, Non-Members, Residents and PhD students includes:

- Admission to all scientific sessions
- Admission to Networking Reception
- Admission to poster exhibition and technical exhibition
- Coffee breaks and lunches from Sunday to Wednesday
- Congress material (delegate bag, final programme, etc.)
- Access to all sessions (excl. Videomicroscopy Sessions) on demand (until 11 October 2024 for non-members and 11 December 2024 for ESP members)

Registration Fee for the additional One-Day Symposia includes:

- Admission to all scientific sessions of the respective Symposium
- Admission to poster exhibition and technical exhibition on the day of the Symposium
- Coffee breaks and lunch on the day of the Symposium
- Access to all symposium-related on-demand content (until 11 October 2024 for non-members and 11 December 2024 for ESP members)

Registration Fee for Accompanying Persons includes:

- ▶ Admission to Welcome Reception on Saturday, 7 September 2024
- ▶ Sightseeing Tour of Florence

Advance registration for the half-day city walking tour for accompanying persons on 8, 9 or 10 September 2024 is required. Tickets for on-site booking are subject to availability.

Please note that accompanying persons have neither access to scientific sessions nor to the exhibition/poster area.

▶ Social Programme

Congress Concert

- ▶ 10 September 2024 20:00–21:15
Palazzo Vecchio, Salone de 500

| | |
|------------|--------|
| Member | EUR 25 |
| Non-Member | EUR 50 |

SOLD OUT

- ▶ **Tickets for the Congress Concert are already sold out. There is no waiting list.**

Congress Evening

- ▶ 11 September 2024 20:00–24:00
Nazioni Pavilion, Fortezza da Basso

| | |
|------------|--------|
| Member | EUR 25 |
| Non-Member | EUR 65 |

Availability is limited, so tickets for the social events will be sold on a first-come, first-served basis.

▶ Name Badges

Participants are kindly requested to wear their name badge at all times during the congress including the Opening Ceremony and Welcome Reception.

The colours of the name badges have the following significance:

- Orange – Delegate of ECP
- Purple – Faculty
- Light Blue – Accompanying Person
- Dark Grey – Exhibitor
- Light Green – Delegate of Symposium on Molecular Pathology Diagnostics and Translational Research (MD)
- Blue – Delegate of Computational Symposium (CP)
- Red – Staff

▶ Congress Information System

For the 36th ECP, the web-based Congress Information System CO CONGRESS ONLINE® has been installed: www.esp-congress.org.

The delegates can set up and print out their personal congress programme schedule.

CO CONGRESS ONLINE® provides:

- ▶ Updated scientific programme
- ▶ Programme by day
- ▶ Programme by format
- ▶ Programme by topic
- ▶ Programme search
- ▶ List of exhibitors and sponsors
- ▶ General congress information
- ▶ Private mailbox

▶ Congress Language

The official language of the 36th European Congress of Pathology is English.

▶ Certificate of Attendance

From 12 September 2024 on, you can print your CME certificate online at www.esp-congress.org by logging in with your participant number.

▶ Abstract Publication

All abstracts are published in Virchows Archiv, Volume 485 · Supplement 1. Abstracts can be accessed via the ECP website.

▶ Programme Changes

The organisers cannot assume liability for any changes in the congress programme due to external or unforeseen circumstances.

► ECP 2024 App

Get the ECP 2024 App for your smartphone and experience the congress at your fingertips. Stop carrying around piles of paper. Just take the congress with you, wherever and whenever you like.

- Send questions to the chairman during a session.
- Quickly find your way through the most up-to-date congress schedule.
- Mark your favourite sessions and personalise your experience.
- Access vital information around the congress.

The App is free of charge and provides iPhone/iPad and Android users at the 36th ECP with on-the-go access to the congress' most exciting interactive features.

The Question & Answer tool is available in all parallel session rooms.



In the Speakers' Preview Room there are several PC working stations, where speakers can work on their presentation charts in a quiet area. Technical staff will be happy to assist.

Opening hours

| | | |
|-----------|--------------|---------------|
| Saturday | 7 Sept 2024 | 16:00 – 19:30 |
| Sunday | 8 Sept 2024 | 07:00 – 17:30 |
| Monday | 9 Sept 2024 | 07:00 – 17:30 |
| Tuesday | 10 Sept 2024 | 07:45 – 17:45 |
| Wednesday | 11 Sept 2024 | 07:45 – 17:30 |

► Speakers' Lounge

Invited speakers of scientific sessions are welcome to spend time in the Speakers' Lounge in Meeting Room 5 & 6 on the first floor of Palazzina Lorenese, which is located opposite Spadolini Pavilion.

Opening hours

| | | |
|-----------|--------------|---------------|
| Sunday | 8 Sept 2024 | 08:00 – 18:00 |
| Monday | 9 Sept 2024 | 08:00 – 18:00 |
| Tuesday | 10 Sept 2024 | 08:00 – 18:00 |
| Wednesday | 11 Sept 2024 | 08:00 – 17:30 |

► Poster Exhibition

Poster sessions will be held from Sunday, 8 September to Wednesday, 11 September 2024 at **Spadolini Pavilion (Upper Floor) of Fortezza da Basso**.

These sessions offer an effective forum for the exchange of information and a means to communicate ideas, research and programmes. Poster authors are required to be available for questions and further information at their poster board during the morning session break (09:30–10:30) from Sunday to Wednesday. Posters are changed daily and are on display for the entire day of the respective poster session.

They are sorted by topics and will be numbered within those topics. The best posters of each topic will be presented during the afternoon coffee break (16:45–17:15 Sunday–Monday, 13:15–13:45 and 16:00–16:30 on Wednesday in the poster exhibition on Spadolini Upper Floor at the E-Poster Terminals). The poster exhibition is open to all registered delegates.

► Speakers' Preview Room

The Speakers' Preview Room is located on Spadolini Lower Level at Spadolini Pavilion. If you are a speaker and have not uploaded your presentation prior to the congress, please turn to the technical staff in the Speakers' Preview Room for a late upload. This is possible one day before presentation, but at the latest three hours prior to the presentation.

Due to time and technical reasons we kindly ask the speakers not to use their own notebook.

Poster Discussion Times for**▶ PS-01 to PS-07**

Sunday, 8 Sept 2024: 09:30 – 10:30

▶ PS-08 to PS-16

Monday, 9 Sept 2024: 09:30 – 10:30

▶ PS-17 to PS-21

Tuesday, 10 Sept 2024: 09:30 – 10:30

▶ PS-22 to PS-27

Wednesday, 11 Sept 2024: 09:30 – 10:30

Interested participants can meet the authors for discussions of their poster presentation during the time of the poster presentation.

Posters need to be put up and dismantled on the day of the respective poster session within the following times:

Set-up:

Sunday 8 Sept 2024 07:30 – 09:00

Monday 9 Sept 2024 07:30 – 09:00

Tuesday 10 Sept 2024 07:30 – 09:00

Wednesday 11 Sept 2024 07:30 – 09:00

Dismantling:

17:00–18:00 on the day of the presentation. Posters which have not been removed within the indicated dismantling time will be disposed of.

▶ E-Posters

E-Posters will be available on E-Poster Terminals in the poster exhibition on Spadolini Upper Floor. All E-Poster authors and poster presenters have been invited to upload their poster prior to the ECP 2024. All uploaded E-Posters can be searched for and viewed electronically on the 6 terminals from Sunday, 8 September to Wednesday, 11 September 2024.

▶ Technical Exhibition

The 36th ECP will be accompanied by a major technical exhibition taking place on Spadolini Ground Floor at Spadolini Pavilion.

Exhibition hours

Saturday 7 Sept 2024 20:00 – 22:00

Sunday 8 Sept 2024 09:00 – 17:15

Monday 9 Sept 2024 09:00 – 17:15

Tuesday 10 Sept 2024 09:00 – 17:15

▶ WiFi

WiFi areas in the foyers and exhibition allow easy access to the Internet. Please select the WiFi network **ECP2024**, the password is **ecp-2024**.

▶ Coffee Breaks

Coffee and tea will be served free of charge to all registered delegates during the morning and afternoon coffee breaks, 09:30–10:30 and 16:45–17:15, from Sunday, 8 September through Tuesday, 10 September and from 09:30–10:30 and 16:00–16:30 on Wednesday, 11 September. Coffee stations are located throughout Spadolini Ground Floor at Spadolini Pavilion.

▶ Lunch Breaks

Lunch is served from 13:00 to 14:30 from Sunday, 8 September through Tuesday, 10 September 2024 and 13:00 to 14:00 on Wednesday, 11 September 2024. The catering stations are located throughout Spadolini Ground Floor at Spadolini Pavilion.

▶ Prayer Room

The Prayer Room is located on the ground floor of Palazzina Lorenese, which is located opposite Spadolini Pavilion. Please ask staff at the registration counter for directions.

▶ Cloakroom

A cloakroom can be used free of charge from Saturday, 7 September, afternoon, to Wednesday, 11 September 2024. Participants can also store their luggage here. The cloakroom is located in the entrance area of Spadolini Ground Floor at Spadolini Pavilion.

▶ Car Park

Parking spaces at Fortezza da Basso or the surrounding area are not available and we strongly advise you to arrive by other means of transportation.

▶ First Aid

First Aid will be provided during ECP tenancy hours at the Fortezza da Basso. In case of emergency, please contact the staff at the congress counter.

► Insurance/Liability

The ESP does not accept any liability for damages and/or losses of any kind which may be incurred by the congress participants or by any person accompanying them, during either the official activities or excursions. Delegates participate in all tours/events at their own risk. Participants are advised to take out insurance against loss, accidents or damage that could be incurred during the congress.

► General Conditions

The General Conditions published at www.esp-congress.org apply.

► Health and Safety

For the sake of all congress participants' health and safety and to slow the spread of COVID-19, the ESP recommends to

- wash and sanitize hands often
- avoid hand-shaking

Keep on keeping your distance!
Your cooperation is appreciated.

► How to get around

It is important to know that Florence's main historic centre is relatively small so that it is easy to move around on foot. Using a car around Florence is not advisable, as there is little parking, many streets are pedestrian only and streets are often one-ways. A fleet of small electric buses also provide links between main key areas in the centre.

Taxis are "stationed" at special taxi parking stands in most of the major squares and at the airport and they can be requested by phone. In Florence, the numbers for calling a taxi are:

- +39-55-4242
- +39-55-4390
- +39-55-4798
- +39-55-4499

► How to get to the Congress Centre By tram

The tramway is the ideal zero-emission transport to move around the city without worries. The congress and exhibition centre is connected to the motorway through line T1, and to the airport through line T2.

Line T1

To Fortezza da Basso
Stop – Fortezza Fiere e Congressi

Line T2

To Fortezza da Basso
Stop – Rosselli
(550 m walking distance to the entrance of Fortezza da Basso)

By car

You can park at Villa Costanza – the first Drive & Tramway system in Italy – without exiting from the motorway. Villa Costanza is connected to T1 Leonardo tramway line: only a 22-minute ride away from Santa Maria Novella train station, at the very heart of Florence city centre.

▶ Industry Symposia

▶ Saturday, 7 September 2024

LS-01 Industry Symposium

16:45–18:15 Spadolini 3

Advancing precision medicine in oncology diagnostics: the role of quality HRD testing, ctDNA, and biomarkers in detection and treatment

AstraZeneca

Chair: Nicola Fusco, Italy

001 16:45–17:15

Sequencing biomarker testing, guideline updates and AI integration in BC pathology

Nicola Fusco, Italy

002 17:15–17:45

Upholding standards: the critical role of quality and consistency in HRD testing

Simon Patton, United Kingdom

003 17:45–18:15

Navigating the maze: challenges and solutions in ctDNA testing

Gerhardt Attard, United Kingdom

▶ Sunday, 8 September 2024

BRS-01 Industry Symposium

07:15–08:15 Spadolini 6

Revolutionizing pathology through immersive innovation
Paige

001

Revolutionizing pathology through immersive innovation

Juan Retamero, Spain

and members of Paige

LS-02 Industry Symposium

13:00–14:30 Spadolini 2

All you need to HER2 know

Daiichi-Sankyo

Chair: Giuseppe Viale, Italy

001 13:00–13:05

Welcome and introduction

Giuseppe Viale, Italy

002 13:05–13:25

Treating cancer in the evolving era of HER2

Grazia Arpino, Italy

003 13:25–13:45

Identifying the whole spectrum of HER2: lessons learned

Roberto Salgado, Belgium

004 13:45–14:05

Beyond breast: similarities in identifying HER2 in gastric cancer and differences in lung cancer

Josef Rüschoff, Germany

005 14:05–14:25

Panel discussion and Q&A

Giuseppe Viale, Italy

006 14:25–14:30

Wrap-up and meeting close

Giuseppe Viale, Italy

LS-03 Industry Symposium**13:00–14:30 Spadolini 3****Synergies in sight: navigating challenges of precision medicine via multidisciplinary collaboration in GU oncology**Johnson&Johnson +
Diatech Pharmacogenetics
Chair: **Gabriella Nesi, Italy**

001 13:00–13:15

Diagnostic challenges and precision medicine in bladder cancer

Gabriella Nesi, Italy

002 13:15–13:30

Current molecular landscape of bladder cancer: the oncologist's perspective

Brigida Anna Maiorano, Italy

003 13:30–13:40

Discussion/Q&A

004 13:40–13:55

Current considerations and challenges in prostate cancer testing

Glen Kristiansen, Germany

005 13:55–14:10

Molecular testing in GU oncology: pitfalls and analytical strategies

Rossella Bruno, Italy

006 14:10–14:30

Round table and Q&A

LS-04 Industry Symposium**13:00–14:30 Spadolini 4****Beyond the human eye: diagnostic advances in digital and computational pathology**AstraZeneca
Chair: **Luiza Moore, United Kingdom**

001 13:00–13:05

Welcome & introduction

Luiza Moore, United Kingdom

002 13:05–13:25

Seeing eye to (A)I: digital pathology is part of pathology

Bethany Williams, United Kingdom

003 13:25–14:05

Problem-solving digital pathology: attitudes, issues and solutions

Fabio Pagni, Italy
Angelo Paolo Dei Tos, Italy

004 14:05–14:30

Quantitative continuous scoring: a new frontier in diagnostics – updates

Luiza Moore, United Kingdom**LS-05 Industry Symposium****13:00–14:30 Spadolini 5****Navigating precision pathology: biomarkers defining treatment, tissue and liquid biopsy synergy, and collaborative patient care**MSD
Chair: **Matteo Fassan, Italy**

001 13:00–13:05

Welcome & introduction

Matteo Fassan, Italy

002 13:05–13:25

Biomarker breakthroughs to treatment transformations: unveiling the shifting landscape in upper GI cancer

Matteo Fassan, Italy

003 13:25–13:45

Unlocking the potential of liquid biopsies: overcoming challenges in prostate cancer biomarker testing

Albrecht Stenzinger, Germany

004 13:45–14:05

Building partnerships in precision medicine: a collaborative approach between medical oncologists and pathologists for patient management

Kaikeen Shiu, United States

005 14:05–14:15

Panel discussion

Matteo Fassan, Italy

006 14:15–14:30

Q&A and closing remarks

Matteo Fassan, Italy

LS-06 Industry Symposium
13:00–14:30 Spadolini 6
Precision oncology research in lab: next generation pathologists with NGS biomarker testing
 Thermo Fisher Scientific
Chair: Nicola Normanno, Italy

001 13:00–13:05
 Welcome & introduction
Nicola Normanno, Italy

002 13:05–13:30
 Improving oncology patient care in the Lake Como Area with in house next day NGS
Piergoirgi Modena, Italy

003 13:30–13:55
 Exploring genomic signatures in Malignant Lymphoma: potential advantages for rapid detection of relevant biomarkers
Geetha Monon, United Kingdom

004 13:55–14:20
 Comprehensive genomic profiling (CGP) in high-grade serous carcinoma using peritoneal effusion samples
Wolfram Jochum, Switzerland

005 14:20–14:30
 Q&A
Nicola Normanno, Italy

LS-07 Industry Symposium
13:00–14:30 Spadolini 7
Addressing routine challenges in modern pathology
 Vitro.Bio
Chair: Guido Sauter, Germany

001 13:00–13:10
 Introduction
Guido Sauter, Germany

002 13:10–13:30
 Tackling routine challenges: the power of automated staining
Karen Villar Zarra, Spain

003 13:30–13:50
 Advanced HPV detection: molecular pathology strategies for effective screening
Miguel Angel Idoate Gastearena, Spain

004 13:50–14:10
 Pathology in the digital age: overcoming security challenges with cutting-edge solutions
Melchor Saiz Pardo, Spain

005 14:10–14:30
 Discussion
Guido Sauter, Germany

ES-01 Industry Symposium
19:30–20:30 Spadolini 5
Digital transformation: journey to digital workflow
 EpreDia
Chair: Daniele Morpurgo, Italy

001 19:30–20:30
 Digitizing workflow: steps taken in the pre-analytical and analytical stages for workflow optimization, ensuring a successful digital pathology project
Catarina Eloy, Portugal

► Monday, 9 September 2024

BRS-02 Industry Symposium
07:15–08:15 Spadolini 6
Power Hour: the importance of pathologists for the success of clinical studies
 Eli Lilly and Company

001 07:15–07:20
 Welcome and introduction

002 07:20–07:30
 Introduction into clinical study management
Lorenzo Gerratana, Italy

003 07:30–07:40
 Biomarker testing in clinical trials
Giancarlo Pruneri, Italy

004 07:40–07:50
 IVDR requirements for clinical studies
Albert Stenzinger, Germany

004 07:50–08:10
 Q&A and Round-Table discussion
Lorenzo Gerratana, Italy
Giancarlo Pruneri, Italy
Nicole Chavez Petronzi, Italy

006 14:15–14:30
 Summary and close
Albert Stenzinger, Germany

BRS-03 Industry Symposium

07:15–08:15 Spadolini 7
Improving the diagnosis of B Cell lymphomas in routine pathology practice: advances in clonality evaluation
 Roche
 Chair: **Bowdoin Su, United States**

001
 Improving the diagnosis of B Cell lymphomas in routine pathology practice: advances in clonality evaluation
Teresa Marafioti, United Kingdom

LS-08 Industry Symposium

13:00–14:30 Spadolini 2
Pathways to precision: practical strategies for optimizing diagnostic excellence
 Roche Diagnostics + Johnson&Johnson
 Chair: **Angelo Paolo Dei Tos, Italy**

001 13:00–13:15
 Introduction: testing pathway and patient leakage points
Angelo Paolo Dei Tos, Italy

002 13:15–13:35
 Precision oncology in lung cancer: enhancing patient outcomes through NGS and biomarker driven therapies – Ege University experience
Deniz Nart, Turkey

003 13:35–13:55
 Optimizing the workflow to reduce failure rates
Sylvie Lantuejoul, France

004 13:55–14:15
 RNA-Based sequencing for simultaneous detection of clinically actionable fusions and mutations in solid tumours
Isabelle Vanden Bempt, Belgium

005 14:15–14:30
 Round table and Q&A

LS-09 Industry Symposium

13:00–14:30 Spadolini 3
Exploring the expanding applications of ctDNA and pathway mutations in breast cancer diagnostics
 AstraZeneca
 Chair: **Espen Walker, United States**

001 13:00–13:05
 Welcome and introduction
Espen Walker, United States

002 13:05–13:45
 The utility of ctDNA in breast cancer
Elena Guerini Rocco, Italy

003 13:45–14:25
 Emerging testing strategies for the optimization of patient profiling in HR+/HER2- breast cancer
Nicola Fusco, Italy

004 14:25–14:30
 Closing remarks
Espen Walker, United States

LS-10 Industry Symposium

13:00–14:30 Spadolini 4
Digital pathology, IHC and cytology
 3DHitech
 Chair: **Béla Molnár, Hungary**

001 13:00–13:30
 Postponing evolution: why are we choosing to ignore the need for a digital transformation in pathology?
Catarina Eloy, Portugal

002 13:30–14:00
 Experiences with the implementation of digital cytology with Datexim and 3DHitech in Feldkirch, Austria
Felix Offner, Austria

003 14:00–14:30
 Digital IHC, digital microCT
Yukako Yagi, USA

LS-11 Industry Symposium

13:00–14:30 Spadolini 5

Guiding clinical outcomes in gynaecological cancers with early and accurate biomarker testing, including case-based examples

GSK

Chair: Gian Franco Zannoni, Italy

001 13:00–13:10

Introduction to biomarker testing in gynaecological cancers

Gian Franco Zannoni, Italy

002 13:10–13:25

Biomarker testing in endometrial cancer: current status and key considerations

Josef Rüschoff, Germany

003 13:25–13:40

Treatment options according to molecular classification in endometrial cancer: clinical perspective and case study

Vanda Salutari, Italy

004 13:40–13:50

Panel discussion on biomarker testing in endometrial cancer

Gian Franco Zannoni, Italy

All faculty, moderated by Gian Franco Zannoni, Italy

005 13:50–14:05

Biomarker testing in ovarian cancer: focus on HRD and BRCA

Isabelle Treilleux, France

006 14:05–14:15

Impact of biomarker testing on patient outcomes in ovarian cancer: clinical perspective and case study

Vanda Salutari, Italy

007 14:15–14:30

Panel discussion on biomarker testing in ovarian cancer

All faculty, moderated by Gian Franco Zannoni, Italy

LS-12 Industry Symposium

13:00–14:30 Spadolini 7

Changing testing in gastric cancer: a practical review

Agilent Technologies

Chair: Mar Iglesias, Spain

001 13:00–13:10

Welcome & focus

Mar Iglesias, Spain

002 13:10–13:35

Case 1: The critical role of preanalytics in the context of case referrals

Manuel Rodriguez-Justo, United Kingdom

003 13:35–14:00

Case 2: Assessing case heterogeneity effectively: from number of biopsies to tumour staging

Matteo Fassan, Italy

004 14:00–14:30

Q&A and closing remarks

Mar Iglesias, Spain

▶ Tuesday, 10 September 2024

LS-13 Industry Symposium

13:00–14:30 Spadolini 2

Precision diagnostics in ovarian cancer: traversing from testing to treatment

Roche

Chair: **Megan Dumas, USA**

001

Michelle Shiller, USA

002

Domenica Lorusso, Italy**LS-14 Industry Symposium**

13:00–14:30 Spadolini 3

NSCLC: the evolution and expansion of testing across the care continuum

AstraZeneca

Chair: **Alexander Yarunin, United Kingdom**

001 13:00–13:05

Welcome and introduction

Alexander Yarunin, United Kingdom

002 13:05–13:25

Navigating the evolving NSCLC testing landscape: guidance for the detection of driver and acquired resistance mutations

Giuseppe Perrone, Italy

003 13:25–13:45

Plasma ctDNA testing in lung cancer: application across the care continuum

Nicola Normanno, Italy

004 13:45–14:25

Evaluating pathological complete response

Elena Guerini Rocco, Italy

005 14:25–14:30

Closing remarks

Alexander Yarunin, United Kingdom**LS-15 Industry Symposium**

13:00–14:30 Spadolini 4

The pathologist's loom: weaving CLDN18.2 into practice

Astellas

Chair: **Matteo Fassan, Italy**

001 13:00–13:05

Welcome and introductions

Matteo Fassan, Italy

002 13:05–13:20

Unravelling the gastric cancer and GEJ tapestry: clinical insights into the current treatment landscape and emerging biomarkers

Lorenzo Fornaro, Italy

003 13:20–13:40

Stitching the narrative: CLDN18.2 in the fabric of G/GEJ adenocarcinoma

Philippe Taniere, United Kingdom

004 13:40–14:10

The Pathologist's canvas: exploring CLDN18.2 expression patterns in G/GEJ adenocarcinoma

Matteo Fassan, Italy

005 14:10–14:25

Q&A session

All faculty, facilitated by

Matteo Fassan, Italy

006 14:25–14:30

Summary and close

Matteo Fassan, Italy

LS-16 Industry Symposium
13:00–14:30 Spadolini 5
Illumina’s journey in precision pathology: from targeted panels to whole genome sequencing
 Illumina
 Chair: **Giancarlo Pruneri, Italy**

001 13:00–13:15
 Empowering precision pathology: genomic tools
Giancarlo Pruneri, Italy

002 13:15–13:35
 Enhancing precision: leveraging small panels for oncology testing
Giulia Cangi, Italy

003 13:35–13:55
 Maximizing insights: comprehensive genomic profiling
Sergio Villatoro, Spain

004 13:55–14:15
 Charting the future of precision pathology: whole genome sequencing strategies
Speaker to be confirmed

005 14:15–14:30
 Unveiling the potential: panel discussion on the future of precision pathology
All panellists

LS-17 Industry Symposium
13:00–14:30 Spadolini 6
The future of pathology: liquid biopsy, novel biomarkers, and tumour-agnostic therapies
 Amgen
 Chair: **Frédérique Penault-Llorca, France**

001 13:00–13:05
 Welcome and introduction
Frédérique Penault-Llorca, France

002 13:05–13:30
 Liquid biopsy in NSCLC: a discourse on controversies and advancements
Lukas Bubendorf, Switzerland
Fabio Pagni, Italy

003 13:30–13:50
 The next frontier: FGFR2b and CLDN18.2 as promising biomarkers for G/GEJ cancers
Irene Esposito, Germany

004 13:50–14:10
 Unlocking the power of MTAP-homozygous deletion: a tumour-agnostic biomarker
Albrecht Stenzinger, Germany

005 14:10–14:25
 Panel discussion and Q&A
Frédérique Penault-Llorca, France

006 14:25–14:30
 Summary and close
Frédérique Penault-Llorca, France

LS-18 Industry Symposium
13:00–14:30 Spadolini 7
How can scalable, open digital pathology solutions advance diagnostic quality and efficiency in pathology practice?
 Agilent Technologies
 Chairs: **Jake Eden, Denmark**
Alan Byrne, Ireland

001 13:00–13:10
 Welcome & Agilent Digital Pathology Focus
Jake Eden, Denmark

002 13:10–13:25
 From microscope to monitor: streamlining workflows with digital pathology
Robert D. Goldin, United Kingdom

003 13:25–13:40
 Multi-site, multi-AI pathology: quality, efficiency, and lead-time impact through scaled algorithm deployment
Teemu Tolonen, Finland

004 13:40–13:55
 Integration of computational pathology algorithms in the clinical digital pathology workflow: connecting the dots
Bert Van der Vegt, The Netherlands

005 13:55–14:10
 Evolving role of digital pathology in anatomic and molecular pathology laboratories
Holger Moch, Switzerland

006 14:10–14:30
 Panel Discussion
All panellists

▶ Monday, 9 September 2024

| HS-01 | HotSpot |
|-------------------------|----------------------------|
| 09:30–09:50 | HotSpot Stage (Exhibition) |
| Siemens Healthineers AG | |

001 09:30–09:50
Our journey towards a digital pathology workflow
Jorge Muñoz Rodríguez, Spain

| HS-02 | HotSpot |
|-----------------|----------------------------|
| 09:30–09:50 | HotSpot Stage (Exhibition) |
| SOPHiA GENETICS | |

001 09:30–09:50
Building evidence and confidence in liquid biopsy solutions
Alexander Yarunin, United Kingdom
Verena Schramm, Germany

▶ Tuesday, 10 September 2024

| HS-03 | HotSpot |
|-----------------|----------------------------|
| 10:00–10:20 | HotSpot Stage (Exhibition) |
| SOPHiA GENETICS | |

001 10:00–10:20
Insights with impact: empowering laboratories with robust CGP solutions
Verena Schramm, Germany

| HS-04 | HotSpot |
|------------------|----------------------------|
| 10:00–10:20 | HotSpot Stage (Exhibition) |
| Sysmex Europe SE | |

001 10:00–10:20
Liquid biopsy in breast cancer patient care
Maria De Bonis, Italy
Angelo Minucci, Italy



Meet-the-Expert

Roche (booth no. 15) will offer 6 Meet-the-Expert talks during the following times:

▶ Sunday, 8 September 2024

13:00–13:30
PIK3CA; Leveraging emerging insights to drive personalised care
Nicola Fusco, Italy

14:00–14:20
The Roche Digital LightCycler: a real world performance evaluation in a Dutch hospital laboratory
Wouter Pattje, The Netherlands

▶ Monday, 9 September 2024

13:10–13:30
Seamless integration of Ibex's AI algorithms within Roche's navify® digital pathology
Michael Rivers, USA
Stuart Shand, USA

14:00–14:20
Advancing precision medicine: PathAI and Roche collaborate for AI-powered companion diagnostics
Eric Walk, USA
Michael Rivers, USA

16:40–17:00
Unlock the power of in-house comprehensive genomic profiling with AVENIO Tumor Tissue CGP Kit V2 and the new foundation medicine HRD signature
Robert Bulte, Switzerland
Muriel De Vos, Switzerland

▶ Tuesday, 10 September 2024

13:10–13:30
Gastric cancer testing landscape in 2024 and beyond
Mar Iglesias, Spain

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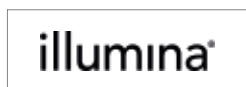
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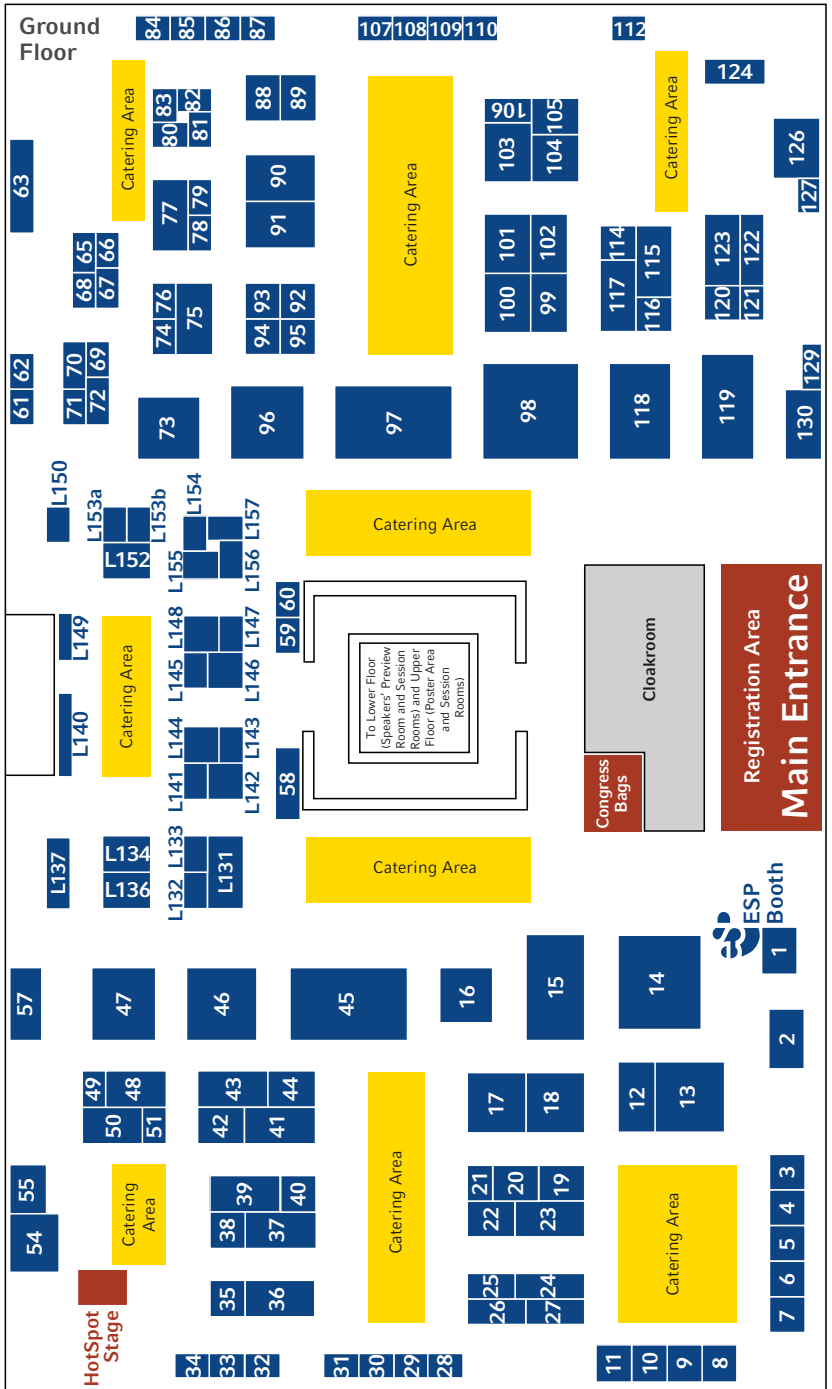
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i

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ESP Booth

Spadolini Ground Floor
at Fortezza da Basso



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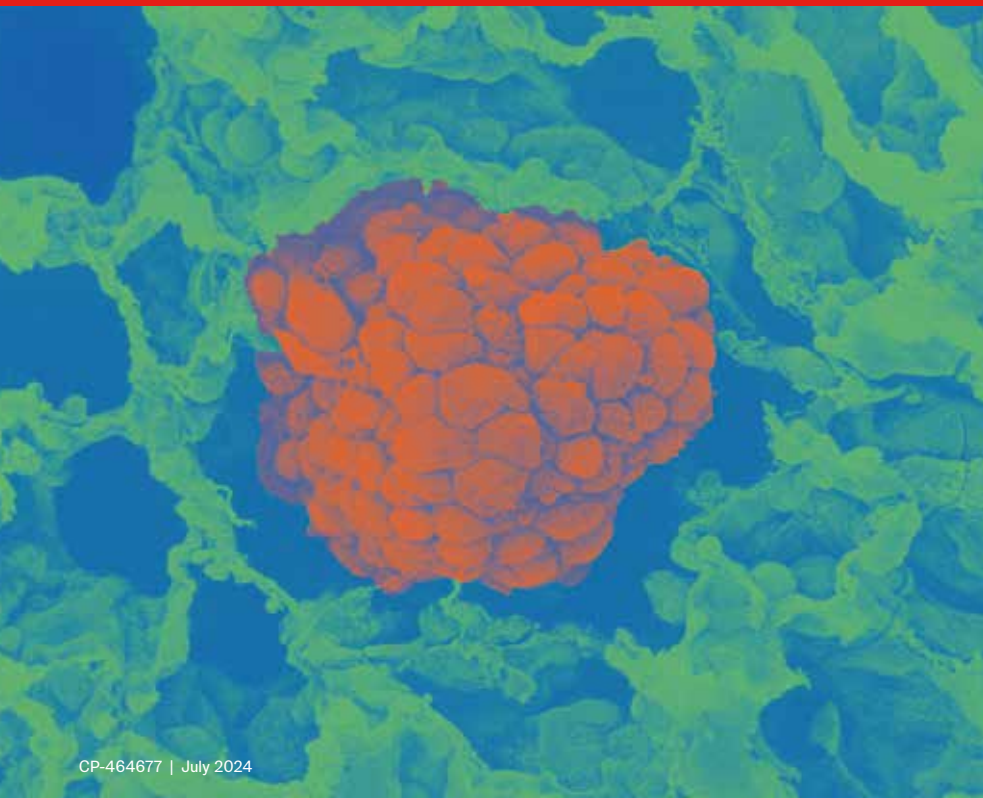
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▶ Social Events

Social Events

Availability is limited, so tickets for the social events will be sold on a first-come, first-served basis. Please purchase your ticket at least one day prior to the respective event.

▶ Opening Ceremony

Saturday, 7 September 2024

▶ 19:00 – 20:00

Cavaniglia, Fortezza da Basso

Join the official Opening Ceremony of the 36th European Congress of Pathology in Cavaniglia at Fortezza da Basso. During the ceremony, there will be words of welcome by the President of the ESP, the Chair of the Local Organising Committee of ECP 2024 and a performance by a highly animated pianist and singer, Antonio Sorgentone, winner of Italia's Got Talent in 2019. Enjoy Antonios music. He is renowned for playing the piano with his feet and is specialized in 1950s style Boogie Woogie, Rock N' Roll and classic Italian Swing. The Opening Ceremony will be followed by a Welcome Reception in the exhibition area on Spadolini Ground Floor at Spadolini Pavilion.

▶ Congress Evening

Wednesday, 11 September 2024

▶ 20:00 – 24:00

Nazioni Pavilion, Fortezza da Basso

The Grand Finale of the ECP 2024 will guide you to Nazioni Pavilion at Fortezza da Basso. Enjoy the final evening of this year's congress with delicious Italian food and dance the night away!

Price per person

▶ Member: EUR 25

▶ Non-Member: EUR 65

▶ Congress Concert

SOLD OUT

Tuesday, 10 September 2024

▶ 20:00 – 21:15

Palazzo Vecchio, Salone de 500



Salone de 500

This year's Congress Concert will take place at the city hall of Florence, Palazzo Vecchio, in one of Italy's largest and most valuable halls – Sala dei Cinquecento. This beautiful hall has been decorated by Leonardo da Vinci and Michelangelo Buonarroti.

The renowned piano player Sandro Ivo Bartoli from Tuscany will give a sampling of his wide-ranging musical scope, including a rare performance of Giacomo Puccini's complete piano oeuvre on the occasion of the Maestro's 100th anniversary of death.

Tickets are sold out.

Price per person

▶ Member: EUR 25

▶ Non-Member: EUR 50

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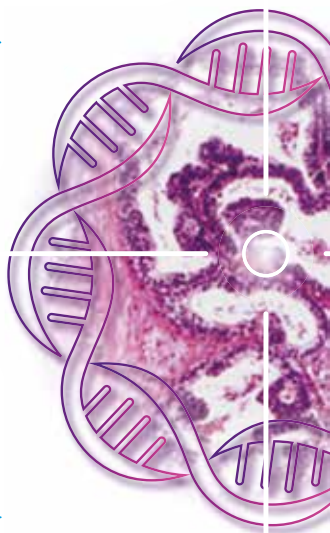


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| Welcome and introduction | Frederique Penault-Llorca, France |
| Liquid biopsy in NSCLC: a discourse on controversies and advancements | Lukas Bubendorf, Switzerland Fabio Pagni, Italy |
| The next frontier: FGFR2b and CLDN18.2 as promising biomarkers for G/GEJ cancers | Irene Esposito, Germany |
| Unlocking the power of MTAP-homozygous deletion: a tumour-agnostic biomarker | Albrecht Stenzinger, Germany |
| Panel discussion and Q&A | All |



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ECP 2024 Industry Sponsored Symposium

All You Need to HER2 Know

Sunday, 8 September 2024
13:00–14:30 CEST

Spadolini 2, Fortezza da Basso
Florence, Italy

Agenda

- 13:00–13:05** **Welcome and Introduction**
Prof. Giuseppe Viale (Chair), Italy
- 13:05–13:25** **Treating Cancer in the Evolving Era of HER2**
Dr. Grazia Arpino, Italy
- 13:25–13:45** **Identifying the Whole Spectrum of HER2:
Lessons Learned**
Prof. Roberto Salgado, Belgium
- 13:45–14:05** **Beyond Breast: Similarities in Identifying HER2 in
Gastric Cancer and Differences in Lung Cancer**
Prof. Josef Rüschoff, Germany
- 14:05–14:25** **Panel Discussion and Q&A**
- 14:25–14:30** **Wrap-up and Meeting Close**
Prof. Giuseppe Viale



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