



Experience the charm of Florence. 2 2 CONGRESS OF CYTOLOGY

FLORENCE, ITALY Fortezza Da Basso MAY 11 - 15, 2025

President of The Congress Fernando C. Schmitt

Local Organizing Committee Guido Fadda Esther Diana Rossi Giancarlo Troncone

Organizing Secretariat



SIAPEC SERVIZI S.r.I. Socio Unico: SIAPEC-IAP Via Sampolo, 484 - 90143 Palermo © +39 091 306887 © info@siapecservizi.it © www.siapecmdp.it Welcome to the 22nd International Congress of Cytology!

As President of both the International Academy of Cytology and this esteemed gathering, it gives me great pleasure to extend a warm welcome to all cytopathologists, cytologists, cytotechnologists, pathologists, researchers and allied health professionals from around the globe.

Set against the timeless beauty of **Florence**, Italy, our congress promises to be a landmark event in the field of cytology.

From May 11th to 15th, 2025, we will converge to celebrate the latest advancements, share cutting-edge research, and foster collaborations that will shape the future of cytology.

Our program will feature a rich tapestry of **lectures, workshops, and interactive sessions**, curated to provide unparalleled insights into the diverse facets of cytopathology. Whether you're a seasoned expert or a budding enthusiast, there will be ample opportunities to expand your knowledge, exchange ideas, and network with peers.

Join us in Florence as we embark on a transformative journey **through the world of cytopathology**. Together, let us chart new frontiers, ignite innovation, and pave the way for a brighter future in healthcare.

We look forward to welcoming you to this prestigious event.

Warm regards,

Fernando Schmitt

President, International Academy of Cytology President, 22nd International Congress of Cytology



PRESIDENT OF THE CONGRESS Fernando C. Schmitt, Portugal

SCIENTIFIC COMMITTEE Andrew S. Field, Australia Giancarlo Troncone, Italy

LOCAL ORGANIZING COMMITTEE Guido Fadda, Italy Esther Diana Rossi, Italy

SCIENTIFIC COMMITTEE MEMBERS

Syed Ali, U.S.A. Massimo Bongiovanni, Switzerland Claire Bourgain, Belgium Enrica Bresaola, Italy Ashish Chandra, United Kingdom Guido Fadda, Italy Pamela M. Michelow, South Africa Giovanni Negri, Italy Martha B. Pitman, U.S.A. Donna K. Russell, U.S.A. Yukitoshi Satoh, Japan Kari J. Syrjänen, Finland Esperanza Teuzaba, Colombia Gary Man Kit Tse, Hong Kong

LOCAL ORGANIZING COMMITTEE MEMBERS

Filippo Fraggetta, Italy Angelo Paolo Dei Tos, Italy Daniela Massi, Italy Simonetta Bianchi, Italy Luigia Macrì, Italy Filippo Crivelli, Italy Elena Vigliar, Italy Claudio Bellevicine, Italy Antonella Pellegrini, Italy

				Sunda	ay - 11 may 2025
TIME	CAVANIGLIA PAVILION ROOM A (Plenary Room)	CAVANIGLIA PAVILION ROOM B	SPADOLINI PAVILION ROOM 3	SPADOLINI PAVILION ROOM 1	SPADOLINI PAVILION ROOM 2
08.00 - 17.00	PARTICIPANTS REGISTRATION				
08.30					
09.00 - 11.00	COMPANION MTG CM01 ESP	COMPANION MTG CMO2 Slac (latin American)		IAC TUTORIAL CYTOMORPHOLOGY	COMPANION MTG CM09 INDIAN (IAC)
11.00 - 13.00	COMPANION MTG CM03 EFCS	COMPANION MTG CM04 PSC	IAC BOARD OF DIRECTORS MEETING		
13.00 - 15.00	COMPANION MTG CM05 ASC	COMPANION MTG CM06 JSCC			
15.15 - 17.15	COMPANION MTG CM07 SIAPEC	COMPANION MTG CM08 KCS (KOREA)			
17.30-18.30	OFFICIAL OPENING CEREMONY (CAVANIGLIA PAVILLION ROOM A) - IAC AWARD (9)				
18.30 - 19.30	Keynote Lecture KNL01 - The figurative arts and medical science during the Renaissance Jeremy Boudreau				
19.30-21.00	GET TOGETHER WELCOME COCKTAIL				

Monday - 12 may 2025

TIME	CAVANIGLIA PAVILION ROOM A (Plenary Room)	CAVANIGLIA PAVILION ROOM B	SPADOLINI PAVILION ROOM 3	SPADOLINI PAVILION ROOM 1	SPADOLINI PAVILION ROOM 2	
08.00 - 09.45	Symposium S01 (THYROID)	Symposium SO2 (GYN 1)	Video Microscopy Workshop VMW01	Digital Microscopy Workshop DMW01 (GYN 1)	Digital Microscopy Workshop DMW02 (LUNG 1)	
09.45 - 10.45	Recap SO1 The daily practice slide seminar (THYROID)	Recap SO2 The daily practice slide seminar (GYN 1)	(URINE)			
10.45 - 11.15	COFFEE BREAK WITH EXHIBITORS					
11.15 - 12.45	SHORT COURSE 01 Interventional cytopath.		Video Microscopy Workshop VMW02 (PANCREAS & BILIARY)	Digital Microscopy Workshop DMW03 (GYN 2)	Digital Microscopy Workshop DMW04 (THYROID)	
12.45 - 14.00			Lunch Symposia HOLOGIC	PROFFERED PAPERS PP01 (EFFUSIONS)	FOCUS ON CYTOMORPHOLOGY WITH THE PROFESSOR 01 (THYROID)	
14.00 - 15.45	Symposium SO3 (LUNG 1)	Symposium S04 (GYN 2)	Video Microscopy Workshop VMW03 (HEAD & NECK)	PROFFERED PAPERS PP02 (DIGITAL CYTOLOGY)	Digital Microscopy Workshop DMW05 (INFECTIOUS DISEASE)	
15.45 - 16.15	COFFEE BREAK WITH EXHIBITORS					
16.15 - 17.15	Recap S03 The daily practice slide seminar (LUNG)	Recap SO4 The daily practice slide seminar (GYN 2)		PROFFERED PAPERS PP03 (HEAD & NECK, INFECTIOUS DISEASES)		
17.15 - 18.15	Plenary Room: Keynote Lecture KNLO2 - THE IAC LECTURE The Evolution of Cytology: A Historical Journey through the International Academy of Cytology Volker Schneider					

Tuesday - **13 may 2025**

TIME	CAVANIGLIA PAVILION ROOM A (Plenary Room)	CAVANIGLIA PAVILION ROOM B	SPADOLINI PAVILION ROOM 3	SPADOLINI PAVILION ROOM 1	SPADOLINI PAVILION ROOM 2	SALA DELLA SCHERMA
07.00 - 08.00						
08.00 - 09.45	Symposium S05 (EFFUSIONS)	Symposium SO6 (SOFT TISSUE)	Video Microscopy Workshop	PROFFERED PAPERS PP04 (MOLECULAR CYTOLOGY)	Digital Microscopy Workshop DMW06 (LUNG 2)	FNA Biopsy Workshop
09.45 - 10.45	Recap S05 The daily practice slide seminar (EFFUSIONS)	Recap S06 The daily practice slide seminar (SOFT TISSUE)	VMW04 (BREAST)	PROFFERED PAPERS PPO5 (LYMPH NODES, PANCREAS)	Special SESSION Symposium education in cytopathology	
10.45 - 11.15			COFFEE BREAK WIT	TH EXHIBITORS		
11.15 - 12.45	SHORT COURSE 02 DIGITAL/A.I. CYTOPATH.	Symposium S07 (THE SOCIAL MEDIA CYTOLOGY AGORA: A GATHERING OF ALL CYTOLOGY ASSOCIATIONS)	Video Microscopy Workshop VMW05 (LYMPH NODES)	PROFFERED PAPERS PP06 (GYNECOLOGICAL HEAD & NECK INFECTIOUS DISEASE)	Digital microscopy Workshop DMW07 (SOFT TISSUE 1)	
12.45 - 14.00				PROFFERED PAPERS PP07 (THYROID)	FOCUS ON CYTOMORPHOLOGY WITH THE PROFESSOR 02 (SALIVARY GLAND)	IAC ANNUAL GENERAL MEETTING (13.30-15.00)
14.00 - 15.45	Symposium S08 (MOLECULAR CYTOLOGY)	Symposium S09 (CYTOPATHOLOGY INFECTIOUS DISEASE)	Video Microscopy Workshop VMW06 (LUNG)		Digital microscopy Workshop DMW08 (BREAST 1)	
15.45 - 16.15	COFFEE BREAK WITH EXHIBITORS					
16.15 - 17.15	Recap S07 The daily practice slide seminar (MOLECULAR)	Recap S08 The daily practice slide seminar (CYTOPATHOLOGY INFECTIOUS DISEASE)		PROFERRED PAPERS PP08 (BREAST, URINE)	FOCUS ON CYTOMORPHOLOGY WITH THE PROFESSOR 03 (INTRA ABDOMINAL ORGANS)	EFCS MEETING
17.15 - 18.15	Plenary Room: Keynote Lecture KNL03 - WHO Reporting Systems in Cytopathology: an overview of current systems and future perspectives Andrew Field					

07.00-08.00 IAC MEMBERS BREAKFAST MEET THE DIRECTORS WILL BE IN SALA DELLE COLONNE

Wednesday - **14 may 2025**

TIME	CAVANIGLIA PAVILION ROOM A (Plenary Room)	CAVANIGLIA PAVILION ROOM B	SPADOLINI PAVILION ROOM 3	SPADOLINI PAVILION ROOM 1	SPADOLINI PAVILION ROOM 2
08.00 - 09.45	Symposium S10 (LYMPH NODES)	Symposium S11 (PANCREAS & BILIARY)	Video Microscopy Workshop VMW07	CYTOTECH SESSION	Digital Microscopy Workshop DMW09 (HEAD & NECK)
09.45 - 10.45	Recap S09 The daily practice slide seminar (LYMPH NODES)	Recap S10 The daily practice slide seminar (PANCREAS & BILIARY)	(THYROID)		Digital Microscopy Workshop DMW10 (EFFUSIONS)
10.45 - 11.15	COFFEE BREAK WITH EXHIBITORS				
11.15 - 12.45	SHORT COURSE 03 Hints to read and report molecular cytology results	Digital Microscopy Workshop DMW011 (URINE)	Video Microscopy Workshop VMW08 (EFFUSIONS)	CYTOTECH SESSION	Digital Microscopy Workshop DMW12 (LYMPH NODES)
12.45 - 14.00			ACTA CYTOLOGICA EDITORIAL BOARD MEETING		FOCUS ON CYTOMORPHOLOGY WITH THE PROFESSOR 04 (LUNG)
14.00 - 15.45	Symposium S12 (HEAD & NECK)	Symposium S13 (BREAST)	Video Microscopy Workshop VMW09 (GYN1)	CYTOTECH SESSION	Digital microscopy Workshop DMW13 (LIVER/KIDNEY)
15.45 - 16.15	COFFEE BREAK WITH EXHIBITORS				
16.15 - 17.15	Recap S11 The daily practice slide seminar (HEAD & NECK)	Recap S12 The daily practice slide seminar (BREAST)	Digital microscopy Workshop DMW014 (PANCREAS & BILIARY)	CYTOTECH SESSION	FOCUS ON CYTOMORPHOLOGY WITH THE PROFESSOR 05 (LYMPH NODES)
17.15 - 18.15	Plenary Room: Keynote Lecture KNL04 - Foundation Models in Medicine the Beauty and the Beast Daniel Thrun				
20.00	CONGRESS DINNER IN THE "PADIGLIONE DELLE NAZIONI"				

Thursday - **15 may 2025**

TIME	CAVANIGLIA PAVILION ROOM A (Plenary Room)	CAVANIGLIA PAVILION ROOM B	SPADOLINI PAVILION ROOM 3	SPADOLINI PAVILION ROOM 1	SPADOLINI PAVILION ROOM 2
08.00 - 09.45	Symposium S14 (DIGITAL CYTOLOGY)	Symposium S15 (URINE)	IAC EXAMINATIONS (8:00 - 12:00)	PROFFERED PAPERS PP09 (LUNG)	
09.45 - 10.45	Special SESSION (The Cytopathology in the era of precision medicine)		(8.00 - 12.00)		
10.45 - 11.15	COFFEE BREAK WITH EXHIBITORS				
11.15 - 13.00	Special SESSION (The Cytopathology in the era of precision medicine)			The IAC and SIAPEC 2025 Cytopathogy World-Wide Challenge	
13.00 - 13.45	Plenary Room: FAREWELL IAC CEREMONY				

SCIENTIFIC SESSIONS



IAC TUTORIAL CYTOMORPHOLOGY

- Chair: Gary Tse, Hong Kong Ashish Chandra,UK
- 08:45 Salivary Gland **Zubair Baloch**, USA
- 09:30 Serous fluid José Jimenez Heffernan, Spain
- 10:15 Break
- 10:30 Lung Lukas Bubendorf, Switzerland
- 11:15 GI/hepatobiliary Kelsey McHugh, USA
- 12:00 Breast Gary Tse, Hong Kong
- 12:45 Lunch Box
- 13:45 Urine **Eva Wojcik**, USA
- 14:30 Gyn squamous lesion Michael Thrall, USA
- 14:45 Gyn glandular lesion **Bin Yang**, USA
- 15:30 Thyroid Syed Ali, USA

9:00 - 17:15 SPADOLINI PAVILION - ROOM 3



IAC BOARD OF DIRECTORS MEETING

Chair: Massimo Bongiovanni, Switzerland Fernando Schmitt, Portugal



COMPANION MTG CM01 - ESP ESP Cytopathology beyond direct smears

- Chair: Giancarlo Troncone, Italy Spasenija Savic-Prince, Switzerland
- 9:00 Introduction Giancarlo Troncone, Italy
- 9:05 The potential and limits of direct smears **Spasenija Savic-Prince**, Switzerland
- 9:25 Liquid based cytology Ashish Chandra, UK
- 9:45 Cytospin and Cell Block Irena Srebotnik Kirbiš, Slovenia
- 10:05 TMA on cell block Elena Vigliar, Italy
- 10:25 Cytology preanalytics and digital pathology Arrigo Capitanio, Sweden
- 10:45 Discussion | Q&A

9:00 - 11:00 CAVANIGLIA PAVILION - ROOM B



COMPANION MTG CM02 - SLAC **SLAC LATIN AMERICAN**

- Chair: Esperanza Teuzaba, Colombia
- 9:00 More from less: Getting the most from pancreatic FNA in low-income settings **Mauro Saieg**, Canada
- 9:25 The benefits of lymph node cytology. Peruvian Experience **Ricardo Bardales**, USA
- 9:50 Recovering breast aspiration cytology, from Yokohama to real life. Successful experience Saul Rivero, Colombia
- 10:15 The Impact of Bethesda Thyroid on Our Regions and Daily work **Esperanza Teuzaba**, Colombia
- 10:40 Discussion | Q&A



COMPANION MTG CM09 - INDIAN IAC Cases illustrating the various cytopathology reporting systems: An Indian perspective

Chair: Bharat Rekhi, India

9:00	The Bethesda system for Thyroid cytopathology Radhika Srinivasan , India
9:15	The upcoming WHO-IARC reporting system for soft tissue cytopathology Bharat Rekhi , India
9:30	Milan System for Salivary gland cytopathology Roque Pinto , India
9:45	Paris System for reporting Urinary cytology Venkateswaran Iyer , India
10:00	The WHO-IARC reporting system for lymph node cytopathology Nalini Gupta , India
10:15	The International System for serous effusions Sandeep Mathur , India
10:30	The Bethesda system for reporting cervical cytology

10:45 Discussion | Q&A

Shilpi Agarwal, India

11:00 - 13:00 CAVANIGLIA PAVILION - ROOM A



COMPANION MTG CM03 - EFCS

EFCS projects - science and education

- Chair: Danijela Vrdoljak-Mozetič, Croatia Ambrogio Fassina, Italy
- 11:00 Overview (past, present, future) Ivana Kholova, Finland
- 11:15 Interventional cytology Esther Diana Rossi, Italy
- 11:30 Screening Claire Bourgain, Belgium
- 11:45 Cell blocks, QA Irena Srebotnik Kirbiš, Slovenia
- 12:00 ASCUS young Pawel Gajdzis, Poland
- 12:15 Young EFCS (education/training) Istvan Kovacs, Hungary
- 12:30 Discussion | Q&A



COMPANION MTG CM04 - PSC Tissue Acquisition Techniques, Fine-Needle Aspiration, Fine-Needle Biopsy, Frozen Section with Excision of Biopsy: What is the optimal technique?

- Chair: Zubair Baloch, USA Swikrity Baskota, USA
- 11:00 Comparison of advantages and diagnostic accuracy of fine-needle aspiration, core-needle biopsy, and lobectomy with intraoperative frozen section evaluation for workup of a thyroid nodule **Zubair Baloch**, USA
- 11:25 Optimal Approach for the Diagnosis of a lateral neck Nodule (includes salivary gland): Does FNA Remain the Optimal Technique for Initial Evaluation?
 William Faquin, USA
- 11:50 Contrasting Fine-Needle Aspiration, Core-Needle Biopsy and Excisional Biopsy for the Diagnosis of Cervical Lymphadenopathy Secondary to Lymphoproliferative Processes Sara Monaco, USA
- 12:15 Optimal Approach to the Diagnosis of Breast Lesions: FNA vs. Core Biopsy vs. Excisional Biopsy Aziza Nassar, EUA
- 12:40 Discussion | Q&A

13:00 - 15:00 CAVANIGLIA PAVILION - ROOM A



COMPANION MTG CM05 - ASC The Power of Experience: Lessons From The Past Presidents

- Chair: Momin Siddiqui, USA Syed Ali, USA
- 13:00 Thyroid Syed Ali, USA
- 13:15 Pancreas Momin Siddiqui, USA
- 13:30 Lung Hormoz Ehya, USA
- 13:45 Serous Fluids Barbara Crothers, USA
- 14:00 Urine Daniel Kurtycz, USA
- 14:15 Digital Pathology and Al Liron Pantanowitz, USA
- 14:30 Discussion | Q&A



COMPANION MTG CM06 – JSCC Inheritance of skill and spirit in cytology to the next generation

Chair: Rin Yamaguchi, Japan Yukitoshi Satoh, Japan

13:00 Introduction: International contributions in clinical cytology from Japan **Robert Y. Osamura**, Japan

- 13:15 High-grade urothelial carcinoma cells in urinary cytology: Quantitative cytomorphological analysis and pitfalls **Hiroyuki Ohsaki**, Japan
- 13:30 The 30th Anniversary of the Thai-Japanese Workshop in Diagnostic Cytopathology is coming SOON! A brief history of this «international» meeting since 1994 **Masaru Hosone**, Japan
- 13:45 Whole-slide 3D imaging with AI-powered analysis Nao Nitta, Japan
- 14:00 CITRUS Study, an RCT validating cervical cancer screening using HPV testing **Tohru Morisada**, Japan
- 14:15 The Role of ROSE in Respiratory Cytology **Ryota Tanaka**, Japan
- 14:30 Discussion | Q&A

15:15 - 17:15 CAVANIGLIA PAVILION - ROOM A



COMPANION MTG CM07 – SIAPEC Thyroid cytopathology in Italy

- Chair: Giancarlo Troncone, Italy Anna Crescenzi, Italy
- 15:15 Introduction Giancarlo Troncone, Italy
- 15:20 The Italian classification **Guido Fadda**, Italy
- 15:40 National survey on real practice **Claudio Bellevicine**, Italy
- 16:00 Interventional cytopathology: focus on thyroid **Immacolata Cozzolino**, Italy
- 16:20 Pitfalls in morphology Clara Ugolini, Italy
- 16:40 Cell block and immunocytochemistry in thyroid Marco Volante, Italy
- 17:00 Discussion | Q&A



COMPANION MTG CM08 - KCS (KOREA) Current Status and Advancements in Korean Cytopathology

- Chair: Yoon Jung Choi, Korea Ji-Young Kim, Korea
- 15:15 Digital Cytopathology in Korea: Current Status and Al Research Developments **Yosep Chong**, Korea
- 15:40 Cytopathology Education in Korea: Development and Implementation of the CytoAcademy Platform **Ran Hong**, Korea
- 16:05 HPV and Cervical CancerScreening Programs in Korea:An OverviewChong Woo Yoo, Korea
- 16:30 Multi-institutional Study on HPV-independent Cervical Malignancy Cytology in Korea Hyun-Jung Kim, Korea
- 16:55 Discussion | Q&A



IAC AWARD OFFICIAL OPENING CEREMONY

Moderators: Fernando Schmitt, Portugal Massimo Bongiovanni, Switzerland Guido Fadda, Italy Filippo Fraggetta, Italy



KEYNOTE LECTURE KNL01 The figurative arts and medical science during the Renaissance

Jeremy Boudreau, UK

8:00 - 9:45 CAVANIGLIA PAVILION - ROOM A



SYMPOSIUM S01 THYROID

- Chair: Guido Fadda, Italy Syed Ali, USA
- 8:00 Thyroid Cytopathology Through Time: Reflecting on the Past, Navigating the Present, Shaping the Future **Syed Z. Ali**, USA
- 8.20 Cytopathologic and Molecular Characterization of Thyroid Nodules **Ken Kakudo**, Japan
- 8:40 Updates in WHO Histologic Classification Lisa M. Rooper, USA
- 9:00 Expanded Role of Commercial Molecular Tests Michiya Nishino, USA
- 9:20 Clinical Perspectives and Management Updates **Rossella Elisei**, Italy
- 9:40 Discussion | Q&A



SYMPOSIUM S02 GYN 1 Shifting Paradigms in Cervical Cancer Prevention Snapshots from Australia, Europe, USA and South America

- Chair: **Ritu Nayar**, USA **Giovanni Negri**, Italy
- 8.00 Introduction, Cervical cancer prevention, new approaches **Ritu Nayar**, USA **Giovanni Negri**, Italy
- 8.15 Cervical cancer prevention in Australia Marion Saville, Australia
- 8.35 Cervical cancer prevention in Europe. (Cover select examples of organized and opportunistic programs. Include Netherlands, Italy, UK) Danijela Vrdoljak-Mozetič, Croatia
- 8.55 Cervical cancer prevention in USA **Ritu Nayar**, USA
- 9.15 Cervical cancer prevention in South America **Esperanza Teuzaba**, Colombia
- 9:35 Discussion | Q&A



DIGITAL MICROSCOPY WORKSHOP DMW01 GYN 1 Improving recognition of HSIL cells in the era of risk-based colposcopy triage

- Chair: Michael Thrall, USA Maurizio Pinamonti, Italy
- 8:00 Case 1 Snjezana Stemberger-Papic, Croatia
- 8:25 Case 2 Abha Goyal, USA
- 8:50 Case 3 Martina Tauber, Italy
- 9:15 Case 4 Eric Huang, USA
- 9:40 Discussion | Q&A



DIGITAL MICROSCOPY WORKSHOP DMW02 LUNG 1 Lung cytology: Updates and challenges

- Chair: **Spasenija Savic Prince**, Switzerland **Tereza Losmanová**, Switzerland
- 8:00 Case 1 Izidor Kern, Slovenia
- 8:20 Case 2 Elena Vigliar, Italia
- 8:40 Case 3 María Dolores Lozano, Spagna
- 9:00 Case 4 Spasenija Savic Prince, Svizzera
- 9:20 Case 5 Ivana Kholova, Finlandia
- 9:40 Discussion | Q&A



VIDEO MICROSCOPY WORKSHOP VMW01 URINE 1

- Chair: Francesco Pierconti, Italy Andrew A. Renshaw, Florida
- 8:00 The Paris System for reporting of urinary cytology: classic cytological features of different categories **Momin Siddiqui**, USA
- 8:35 The Paris System for reporting of urinary cytology: unusual cytological features, how classify this urinary samples? Francesco Pierconti, Italy
- 9:10 The urinary samples after therapy in the follow-up of the patients with HGUC **Giacomo Gazzano**, Italy
- 9:45 The cytopathology of the Upper Urinary Tract **Emanuela Trenti**, Italy
- 10:20 Discussion | Q&A

9:45 - 10:45 CAVANIGLIA PAVILION - ROOM A



RECAP S01 THE DAILY PRACTICE SLIDE SEMINAR **THYROID Diagnosing Thyroid Lesions** with Morphology/Molecular Lens

- Chair: **Zubair Baloch**, USA **Sule Canberk**, Portugal
- 9:45 Case 1 Paul Ohori, USA
- 10:00 Case 2 Elena Vigliar, Italy
- 10:15 Case 3 **Rita Luis**, Portugal
- 10:30 Case 4 Vivian Weiss, USA

9:45 - 10:45 CAVANIGLIA PAVILION - ROOM B



RECAP S02 THE DAILY PRACTICE SLIDE SEMINAR **GYN 1**

- Chair: Angela Chong, Singapore Danijela Vrdoljak-Mozetič, Croatia
- 9:45 Case 1 Expatriates in the cervical smear **Yeo Yen Ching**, Singapore
- 10:00 Case 2 5 years Success Story of Malaysian Nationwide HPV Screening Programme with Example of Cases Norizal Noor, Malaysia
- 10:15 Case 3 CINtec Plus, cases in our practice and the workflow **Yen Ching Yeo**, Singapore
- 10:30 Case 4 Patients. At the heart of all we do **Sonsoles Aso Manso**, Spain



SHORT COURSE 01 INTERVENTIONAL CYTOPATHOLOGY

Chair: Ronald Balassanian, USA

- 11:15 Molecular Pathology and Interventional Cytopathology **George Deftereos**, USA
- 11:30 Interventional Cytopathology of Salivary glands Mario Berrios Hernandez, Spain
- 11:45 Thyroid FNA: combining TIRADS, the Bethesda system, and molecular diagnostics **Elham Khanafshar**, USA
- 12:00 Interventional Cytology: Current Status and Future Directions of Pathologist-Performed US FNA **Poonam Vohra**, USA
- 12:15 Interventional Cytology: illustrative examples **Ron Balassanian**, USA
- 12:30 Discussion | Q&A

11:15 - 12:45 SPADOLINI PAVILION - ROOM 3



VIDEO MICROSCOPY WORKSHOP VMW02 PANCREAS & BILIARY Pancreatobiliary Lesions: Cytomorphology and Ancillary Testing

- Chair: Lisa Zhang, USA Guoping Cai, USA
- 11:15 Pancreatic Ductal Adenocarcinoma: Challenges and Pitfalls Barbara Centeno, USA
- 11:35 Cytology and Small Biopsy Diagnosis of Non-Ductal Solid Pancreatic Lesions
 Lisa Zhang, USA
- 11:55 Pancreatic Cysts: Challenges and Pitfalls Carlie Sigel, USA
- 12:15 Interpretation of Bile Duct Brushings Guoping Cai, USA
- 12:35 Discussion | Q&A



DIGITAL MICROSCOPY WORKSHOP DMW03 GYN 2 Cervical cytology is still challenging!

Chair: Belen Lloveras, Spain Merce Jorda, USA

- 11:15 Case 1 Ignácio Sanchez, Spain
- 11:30 Case 2 Rosário Granados, Spain
- 11:45 Case 3 Maureen Zakowski, USA
- 12:00 Case 4 Esperanza Teuzaba, Colombia
- 12:15 Discussion | Q&A

11:15 - 12:45 SPADOLINI PAVILION - ROOM 2



DIGITAL MICROSCOPY WORKSHOP DMW04 THYROID

- Chair: Massimo Bongiovanni, Switzerland Mitsuyoshi Hirokawa, Japan
- 11:15 Case 1 Follicular lesions and their differential diagnosesManon Auger, Canada
- 11:35 Case 2 Rare carcinomas **Ayana Suzuki**, Japan
- 11:55 Case 3 Papillary carcinoma, special subtypes **Mitsuyoshi Hirokawa**, Japan
- 12:15 Case 4 High-grade malignancy Massimo Bongiovanni, Switzerland



FOCUS ON CYTOMORPHOLOGY WITH THE PROFESSOR 01 THYROID Challenging Subtypes and Mimics of Papillary Thyroid Carcinoma

- Chair: Paul Ohori, USA Claudio Bellevicine, Italy
- 12:45 Cribriform Morular Thyroid Carcinoma Mitsuyoshi Hirokawa, Japan
- 13:00 Hyalinizing Trabecular Tumor Esther Diana Rossi, Italy
- 13:15 Differentiated High Grade Carcinoma Paul Ohori, USA
- 13:30 Columnar Cell Papillary Thyroid Carcinoma Massimo Bongiovanni, Switzerland
- 13:45 Discussion | Q&A

14:00 - 15:45 CAVANIGLIA PAVILION - ROOM A

122025 MONDAY

SYMPOSIUM S03 LUNG 1 Progress in Lung Cytopathology

Chair: Lukas Bubendorf, Switzerland Yukitoshi Satoh, Japan

- 14:00 Introduction Lukas Bubendorf, Switzerland Yukitoshi Satoh, Japan
- 14:05 WHO reporting system the essence Fernando Schmitt, Portugal
- 14:20 Diagnostic pitfalls **Ryota Tanaka**, Japan
- 14:35 Emerging biomarkers and technologies **Paul VanderLaan**, USA
- 14:50 Al in lung cytopathology Lukas Bubendorf, Switzerland
- 15:05 Supernatant for molecular testing **Sinchita Roy-Chowdhuri**, USA
- 15:20 PD-L1 testing in cytology Deepali Jain, India
- 15:35 Discussion | Q&A



SYMPOSIUM S04 GYN 2

Chair:	Rosario Granados, Spain
	Maria Nasioutziki, Greece

- 14:00 HPV primary screening: Optimising screening strategy and HPV test selection Karin Denton, UK
- 14:20 Challenges of cytology diagnosis in the HPV screening era **Giovanni Negri**, Italy
- 14:40 High risk HPV-negative cervical lesions. The value of cytologyMaria Carme Dinarés Fernandez, Spain
- 15:00 Quality Assurance in Pathology Labs with primary HPV screening.An urgent need for guidelines?Belén Lloveras, Spain
- 15:20 Interobserver variability in gynecological cytology Ivana Kholova, Finland
- 15:40 Discussion | Q&A

14:00 - 15:45 SPADOLINI PAVILION - ROOM 3



VIDEO MICROSCOPY WORKSHOP VMW03 HEAD & NECK

- Chair: Zahra Maleki, USA Martin Hysek, Sweden
- 14:00 Thyroid & Parathyroid & Thyroglossal duct Martin Hysecx, USA
- 14:20 Squamous cysts Zahra Maleki, USA
- 14:40 Salivary gland cysts Zahra Maleki, USA
- 15:00 Lymph nodes Mats Ehinger, Sweden
- 15:20 Soft tissue Ivan Chebib, USA
- 15:40 Discussion | Q&A



DIGITAL MICROSCOPY WORKSHOP DMW05 INFECTIOUS DISEASE Approach to the Diagnosis Interesting and Unusual Infections

Chair: Kelsey McHugh, USA

- 14:00 Case 1 Nalini Gupta, India
- 14:20 Case 2 Maria Policarpio-Nicolas, USA
- 14:40 Case 3 Peter Kobalka, USA
- 15:00 Case 4 Yanjun Hou, USA
- 15:20 Case 5 Alessandra Schmitt, USA

16:15 - 17:15 CAVANIGLIA PAVILION - ROOM A



RECAP S03 THE DAILY PRACTICE SLIDE SEMINAR LUNG Diagnostic pitfalls and red herrings in lung cytopathology

- Chair: Paul VanderLaan, USA Marianne Engels, Germany
- 16:15 Case 1 Longwen Chen, USA
- 16:27 Case 2 Kenzo Hiroshima, Japan
- 16:39 Case 3 Peter Illei, USA
- 16:51 Case 4 Anjali Saqi, USA
- 17:03 Case 5 Amy Ly, USA

16:15 - 17:15 CAVANIGLIA PAVILION - ROOM B



RECAP S04 THE DAILY PRACTICE SLIDE SEMINAR **GYN 2**

- Chair: **Bin Yang**, USA **Giovanni Negri**, Italy
- 16:15 Case 1 Bin Yang, USA
- 16:30 Case 2 Zaibo Li, USA
- 16:45 Case 3 Wolfgang Pokieser, Austria
- 17:00 Case 4 Roberta Rubesa, Croatia



KEYNOTE LECTURE KNL02 THE IAC LECTURE The Evolution of Cytology: A Historical Journey through the International Academy of Cytology

Volker Schneider, Germany





IAC BREAKFAST MEET THE DIRECTORS

Chair: Massimo Bongiovanni, Switzerland Fernando Schmitt, Portugal

8:00 - 9:45 CAVANIGLIA PAVILION - ROOM A



SYMPOSIUM S05 EFFUSIONS

- Chair: Ashish Chandra, UK Claire Michael, USA
- 8:00 Welcome and introductions of speakers Claire Michael, USA Ashish Chandra, UK
- 8:05 The cytological diagnosis of mesothelioma Claire Michael, USA
- 8:25 Non-mesothelial malignancies presenting in serous effusions Omid Savari, USA
- 8:45 The application of the TIS to CSF samples **José Jimenez Heffernan**, Spain
- 9:05 The preparation of serous fluid samples for molecular testing Maria Lozano, Spain
- 9:25 Discussion | Q&A



SYMPOSIUM S06 SOFT TISSUE

- Chair: Jerzy Klijanienko, France Ivan Chebib, USA
- 8:00 Introduction to the WHO Reporting System for Soft Tissue Cytopathology Ivan Chebib, USA Jerzy Klijanienko, France
- 8:20 ROM in particular groups of tumors and comparison with other reporting systems **Pawel Gajdzis**, Poland
- 8:40 Approach to Cytopathology of Bland Spindle Cell Tumors **Henryk Domanski**, Sweden
- 9:00 Approach to Cytopathology of Myxoid tumors **Bharat Rekhi**, India
- 9:20 Role of Ancillary Testing in Soft Tissue Cytopathology Vickie Jo, USA
- 9:40 Discussion | Q&A

8:00 - 9:45 SPADOLINI PAVILION - ROOM 2



DIGITAL MICROSCOPY WORKSHOP DMW06

- Chair: **Eva Ramqvist**, Sweden **Greta Ali**, Italy
- 8:00 Case 1 Sandra Wessman, Sweden
- 8:20 Case 2 Federica Filipello, Italy
- 8:40 Case 3 Luisella Righi, Italy
- 9:00 Case 4 Maria Giulia Di Santo, Italy
- 9:20 Case 5 Nelson Fuentes Martinez, Denmark



FNA BIOPSY WORKSHOP

Speakers:

Ron Balassanian, MD **Professor of Pathology** University of California San Francisco

Poonam Vohra, MD **Professor of Pathology** University of California San Francisco

Elham Khanafshar, MD **Professor of Pathology** University of California San Francisco

George Deftereos, MD **Professor of Pathology** University of California San Francisco

Nebil Mohammed, MD **Assistant Professor** University of California San Francisco



VIDEO MICROSCOPY WORKSHOP VMW04 BREAST Overview of the new WHO classification of Breast Cytology and usage in everyday practice in challenging cases

- Chair: Wendy Raymond, Australia Raza Hoda, USA
- 8:00 Overview of the new WHO system Wendy Raymond, Australia
- 8:30 Challenging cases: Inadequate and benign **Raza Hoda**, USA
- 9:00 Challenging cases: Benign Nilotpal Chowdhury, India
- 9:30 Challenging cases: Atypical vs suspicious, including papillary and apocrine lesions Wendy Raymond, Australia
- 10:00 Challenging cases Malignant lesions, role of IHC **Gary Tse**, Japan
- 10:30 Discussion | Q&A

9:45 - 10:45 CAVANIGLIA PAVILION - ROOM A



RECAP S05 THE DAILY PRACTICE SLIDE SEMINAR **EFFUSIONS Case-based slide seminar demonstrating application of ancillary studies to problematic cases with serous fluid cytopathology**

- Chair: Ben Davidson, Norway Kenzo Hiroshima, Japan
- 9:45 Case 1 Claire Michael, USA
- 10:00 Case 2 Kenzo Hiroshima, Japan
- 10:15 Case 3 Zahra Maleki, USA
- 10:30 Case 4 Ben Davidson, Norway

9:45 - 10:45 CAVANIGLIA PAVILION - ROOM B



RECAP S06 THE DAILY PRACTICE SLIDE SEMINAR **SOFT TISSUE**

- Chair: Bharat Rekhi, India Henryk Domanski, Sweden
- 9:45 Case 1 Diagnostic Approach to Soft Tissue Cytopathology with Introduction to The IARC/WHO reporting System: Categories and Examples Bharat Rekhi, India
- 10:00 Case 2 Keratin-Positive Malignant Tumor: Carcinoma or Sarcoma Xiaohua Qian, USA
- 10:15 Case 3 Differential Diagnoses of Pleomorphic Sarcomas in FNA **Jan Köster**, Sweden
- 10:30 Case 4 Exploring Interventional Soft Tissue Cytopathology: Key Illustrative Cases Henryk Domanski, Sweden



SPECIAL SESSION SYMPOSIUM EDUCATION IN CYTOPATHOLOGY "Digital Cytology: A New Era in Cytology Education"

Chair: Donna Russell, MEd, CT(ASCP)HT, CFIAC, USA Michele Smith, MS, SCT(ASCP), USA Catherine Bammert, PhD, CT, MB(ASCP), CT(IAC), USA

The healthcare landscape is rapidly changing, thanks to the accelerated adoption of digital pathology in the laboratory. It's imperative that education programs infuse digital cytology into the curriculum, to ensure the next generation of diagnostic cytology professionals are workforce ready. The benefits associated with integrating digital cytology instructional materials include: standardizes learning assessments; ensures the curriculum reflects current practices; offers unprecedented learner access; scalable to design a variety of interdisciplinary learning activities; and digital cytology adaptable, allowing each program to implement "best practices" for their individual needs.

In this session, the speakers will discuss how digital cytology can create innovative digital pathology resources to generate engagement and catalyze student and trainee learning. Attendees will experience the updated IAC CT and CP exams through mock testing and case studies.

11:15 - 12:45 CAVANIGLIA PAVILION - ROOM A



SHORT COURSE 02 DIGITAL/A.I. CYTOPATHOLOGY

- Chair: Zaibo Li, USA Arrigo Capitanio, Sweden Yosep Chong, Korea
- 11:15 Catching Digital Cytology: Issues and Benefits Arrigo Capitanio, Sweden
- 11:33 Al and Cervical Cytopathology: A "Long and Winding Road" **Roberto Dina**, Italy
- 11:51 Cytopathologist Interaction with Artificial Intelligence Alessandro Caputo, Italy
- 12:09 Implementing digital cytology for clinical practice: survey results and recommendations Zaibo Li, USA
- 12:27 Exploring Al solutions in Non-Gynecologic Cytology: From Research to Reality **Yosep Chong**, Korea



SYMPOSIUM S07

THE SOCIAL MEDIA CYTOLOGY AGORA A Gathering of all Cytology Associations

Chair: Christina Zioga, Greece Sara Jiang, USA

- 11:15 Opening Remarks
- 11:20 Review of Current Social Media Practices

What's up? How social media interaction changed interconsultation in Latin America Mauro Saieg, Brazil

When East Meets West: Application of SoMe on Cytology in Asia Mark Chien Chin, Taiwan

From Journals to Hashtags: Cytopathology's Shift Toward SoMe **Swikrity Baskota**, USA

Voice of the Future: Cytopathology education, mentoring and SoMe status in Europe **Cioly Rivero Colmenarez**, Lussemburgo

12:10 WORKSHOP - Crafting a Unified Strategy Carmen Hillebrand, Germany Sara Jiang, USA Christina Zioga, Greece

12:40 Closing Remarks



VIDEO MICROSCOPY WORKSHOP VMW05 LYMPH NODES Easter eggs lymph nodes: the diagnosis you didn't expect

Chair: Immacolata Cozzolino, Italy

- 11:15 Case 1 Sara Monaco, USA
- 11:30 Case 2 Veronika Kloboves-Predovnik, Slovenia
- 11:45 Case 3 Marianne Engels, Germania
- 12:00 Case 4 Marco Montella, Italia
- 12:15 Discussion | Q&A



DIGITAL MICROSCOPY WORKSHOP DMW07 SOFT TISSUE 1

- Chair: Matthew Zarka, USA Beata Bode, Switzerland
- 11:15 Case 1 Pawel Gajdzis, Poland
- 11:30 Case 2 Daniela Lenggenhager, Switzerland
- 11:45 Case 3 Jan Köster, Sweden
- 12:00 Case 4 Bharat Rekhi, India
- 12:15 Case 5 Jerzy Klijanienko, France

12:45 - 14:00 SPADOLINI PAVILION - ROOM 2



FOCUS ON CYTOMORPHOLOGY WITH THE PROFESSOR 02 SALIVARY GLAND

False positive and false negative case from everyday practice

- Chair: Ivana Kholova, Finland Esther Diana Rossi, Italy
- 12:45 Case 1 Esther Diana Rossi, Italy
- 13:00 Case 2 Ivana Kholova, Finland
- 13:15 Case 3 Carmen Gomez Fernandez, USA
- 13:30 Case 4 Samreung Rangdaeng, Thailand
- 13:45 Case 5 Syed Ali, USA



IAC ANNUAL MEETING

Chair: Massimo Bongiovanni, Switzerland Fernando Schmitt, Portugal

14:00 - 15:45 CAVANIGLIA PAVILION - ROOM A



SYMPOSIUM S08 MOLECULAR

- Chair: Maria Lozano, Spain Maria Arcila, USA
- 14:00 Maximizing the clinical utility and performance of cytology samples for comprehensive genetic profiling through process optimization Maria Arcila, USA
- 14:20 Automatized real-time PCR on cytological smears.When NGS is not availableMaria D. Lozano, Spain
- 14:40 Best practice recommendations for optimizing and standardizing cytology specimen processing for molecular testing Sinchita Roy - Chowdhuri, USA
- 15:00 Advanced topics Case studies for discussion (presented by the 3 speakers)
- 15:20 Discussion | Q&A



SYMPOSIUM S09 INFECTIOUS DISEASE

- Chair: **Pamela Michelow**, South Africa **Roque Pinto**, India
- 14:00 Infections in bronchoalveolar lavage **Panagiota Mikou**, Greece
- 14:20 Fungal infections in cytology **Roque Pinto**, India
- 15:00 The cytopathology of tuberculosis and its mimics **Pawel Schubert**, South Africa
- 15:20 False positive and false negative results in infectious cytopathology **Pamela Michelow**, South Africa



VIDEO MICROSCOPY WORKSHOP VMW06

- Chair: Longwen Chen, USA Deepali Jain, Indi
- 14:00 Introduction Longwen Chen, USA Deepali Jain, India
- 14:05 Rare lung tumors in cytology **Deepali Jain**, India
- 14:35 Metastatic tumors mimic primary lung neoplasms Longwen Chen, USA
- 14:55 Benign/reactive lung lesions mimic malignancies Matthew Zarka, USA
- 15:20 Discussion | Q&A



DIGITAL MICROSCOPY WORKSHOP DMW08 BREAST 1

- Chair: Fabrizio Zanconati, Italy Carmen Gomez-Fernandez, USA
- 14:00 Case 1 Jerzy Klijanienko, France
- 14:20 Case 2 Cristian Scatena, Italy
- 14:40 Case 3 Maurizio Pinamonti, Italy
- 15:00 Case 4 Elena Brachtel, USA
- 15:20 Case 5 Carmen Gomez-Fernandez, USA

16:15 - 17:15 CAVANIGLIA PAVILION - ROOM A



RECAP S07 THE DAILY PRACTICE SLIDE SEMINAR **MOLECULAR Molecular to the rescue: How ancillary molecular testing resolved a cytologic dilemma**

- Chair: Michiya Nishino, USA Claudio Bellevicine, Italy
- 16:15 Brief introduction
 Michiya Nishino, USA
 Claudio Bellevicine, Italy
- 16:20 Case with discussion of IHC surrogates that have been useful in diagnosing soft tissue tumors
 Ivan Chebib, USA
- 16:35 Case with discussion of HPV-specific molecular testing vs p16 IHC in H&N cytology specimens
 Abberly Lott-Limbach, USA
- 16:50 Case with discussion of new &/or practical use of molecular testing in thyroid or salivary gland cytology
 Jen-Fan Hang, Taiwan
- 17:05 Case with discussion about predictive IHC on lung cytology (including role of PD-L1 IHC)Gloria Sura, USA



RECAP SO8

THE DAILY PRACTICE SLIDE SEMINAR **INFECTIOUS DISEASE**

- Chair: **Pawel Schubert**, South Africa **Clovis Klock**, Brasil
- 16:15 Case 1 Clovis Klock, Brasil
- 16:30 Case 2 Komala Pillay, South Africa
- 16:45 Case 3 Roque Pinto, India
- 17:00 Case 4 Pawel Schubert, South Africa

16:15 - 17:15 SPADOLINI PAVILION - ROOM 2

FOCUS ON CYTOMORPHOLOGY WITH THE PROFESSOR 03 INTRA ABDOMINAL ORGANS

- Chair: José Jimenez Heffernan, Spain Xiaoqi Lin, USA
- 16:15 Mimickers of malignancy I: Normal tissuePhilippe Stephenson, Canada
- 16:30 Mimickers of malignancy II: Benign tumors **Guoping Cai**, USA
- 16:45 Difficult entities I: Renal neuroendocrine neoplasmsXiaoqi Lin, USA
- 17:00 Difficult entities II: Autoinmmune pancreatitis Maria L. Policarpio-Nicolas, USA





KEYNOTE LECTURE KNL03 WHO Reporting Systems in Cytopathology: an overview of current systems and future perspectives

Andrew Field, Australia

8:00 - 9:45 CAVANIGLIA PAVILION - ROOM A



SYMPOSIUM S10 LYMPH NODES

- Chair: **Pio Zeppa**, Italy **Marie Calaminici**, UK
- 8:00 LN-FNAC vs LN-CNB: reactive conditions, haematolymphoid malignancies and metastatic cancers Oscar Lin, USA
- 8:20 Sydney System / WHO classification and reporting of LN-FNAC **Beata Bode-Lesnievska**, Switzerland
- 8:40 LN-FNAC and Molecular Cytopathology: future directions Joshua Menke, USA
- 9:00 Role of LN-FNAC in different clinical settings: primary care vs tertiary referral centres **Parikshaa Gupt**a, India
- 9:20 Diagnostic algorithms in LN-FNAC Mats Ehinger, Sweden
- 9:40 Discussion | Q&A



SYMPOSIUM SIT PANCREAS & BILIARY Multimodal approach to the cytological diagnosis of Pancreaticobiliary lesions

- Chair: Martha Pitman, USA Birgit Weynand, Belgium
- 8:00 NET and NEC and how to distinguish from other nonductal tumors **Birgit Weynand**, Belgium
- 8:25 Cysts Martha Pitman, USA
- 8:50 The many faces of PDAC Lisa Zhang, USA
- 9:15 Bile duct brushings and molecular analysis **Tajana Veic**, Croatia
- 9:40 Discussion | Q&A

8:00 - 9:45 SPADOLINI PAVILION - ROOM 2



DIGITAL MICROSCOPY WORKSHOP DMW09 HEAD & NECK

- Chair: Jen-Fan Hang, Taiwan Derek Allison, USA
- 8:00 Parafibromin-deficient parathyroid tumor Dong-Eun Song, Korea
- 8:20 Basaloid salivary gland tumor and its differential diagnoses **Shweta Agarwal**, USA
- 8:40 Secretory carcinoma Differential Diagnosis: Oncocytic salivary gland tumors **Kayoko Higuchi**, Japan
- 9:00 Mtastatic LAP with ancillary testing e.g., HPV or molecular testing Jaylou M. Velez Torres, USA
- 9:20 Giant cell-containing mesenchymal lesion Nicholas Jin Hong Tan, Singapore



VIDEO MICROSCOPY WORKSHOP VMW07 THYROID

- Chair: Vivian Weiss, USA Huiying Wang, USA
- 8:00 WHO updates with histology **Zubair Baloch**, USA
- 8:25 Bethesda updates with cytology Paul VanderLaan, USA
- 8:50 Pediatric Thyroid cyto/histo Sule Canberk, Portugal
- 9:15 Oncocytic lesions cyto/histo William Faquin, USA
- 9:40 Discussion | Q&A

8:00 - 10:45 SPADOLINI PAVILION - ROOM 1



CYTOTECH SESSION Diagnostic Cytology Seminar

- Chair: Donna Russell, USA
- 8:00 Case 1 Allan Wilson, Scotland
- 8:15 Case 2 Jenna LeBlanc, USA
- 8:30 Case 3 Ruben Roque, Portugal
- 8:45 Case 4 Lia van Zuylen Manders, Netherland
- 9:00 Case 5 Graziella Baston; Switzerland
- 9:15 Case 6 Allan Wilson, Scotland
- 9:30 Case 7 Jenna LeBlanc, USA
- 9:45 Case 8 Ruben Roque, Portugal
- 10:00 Case 9 Lia Van Zuylen Manders, Netherland
- 10:15 Case 10 Graziella Baston, Switzerland
- 10:30 Discussion | Q&A



9:45 - 10:45 CAVANIGLIA PAVILION - ROOM A



RECAP S09 THE DAILY PRACTICE SLIDE SEMINAR LYMPH NODES

Chair: Mats Ehinger, Sweden Immacolata Cozzolino, Italy

- 9:45 Case 1 Beata Bode, Switzerland
- 10:00 Case 2 Marie Calaminici, UK
- 10:15 Case 3 Helena Barroca, Portugal
- 10:30 Case 4 Maureen Zakowski, USA

9:45 - 10:45 CAVANIGLIA PAVILION - ROOM B



RECAP SIO THE DAILY PRACTICE SLIDE SEMINAR **PANCREAS & BILIARY** How Do I Make This Diagnosis: A Mental Workflow on the Most Common Everyday Pancreatic Cytopathological Cases and Pitfalls

- Chair: Barbara Centeno, USA Mauro Saieg, Brazil
- 9:45 Introduction and Welcome Mauro Saieg, Brazil Barbara Centeno, USA
- 9:50 Case 1 Diagnostic Approach to Non-Diagnostic samples **Momin Siddiqui**, USA
- 10:02 Case 2 Identifying Pancreatic Neuroendocrine Tumors **Birgit Weynand**, Belgium
- 10:12 Case 3 Demystifying Pancreatic Cystic Mucinous Lesions Martha Pitman, USA
- 10:24 Case 4 Handling pancreatitis **Miguel Perez-Machado**, UK
- 10:36 Discussion | Q&A





DIGITAL MICROSCOPY WORKSHOP DMW10 EFFUSIONS

Chair: **Pinar Firat**, Turkey **Barbara Crothers**, USA

- 9:45 Case 1 An overview of the «International System for Reporting Serous Fluid Cytology» Barbara Crothers, USA
- 10:00 Case 2 Reactive changes in mesothelial cells, benign conditions mimicking malignancy **Celine Bassett**, France
- 10:15 Case 3 Metastatic carcinomas, importance of immunohistochemistry for correct interpretation **Pinar Firat**, Turkey
- 10:30 Case 4 Malignant mesotheliomas and ancillary testing for diagnosis Olcay Kurtulan, Turkey

11:15 - 12:45 CAVANIGLIA PAVILION - ROOM A



SHORT COURSE 03 HINTS TO READ AND REPORT MOLECULAR CYTOLOGY RESULTS

- Chair: Sinchita Roy Chowduri, USA Umberto Malapelle, Italy
- 11:15 Various Methods / techniques of molecular testing **Umberto Malapelle**, Italy
- 11:33 Molecular testing for diagnostic reporting: Thyroid Claudio Bellevicine, Italy
- 11:51 Molecular testing for predictive/prognostic reporting: Thyroid
 Vivian L. Weiss, USA
- 12:09 Molecular testing for Lung (IHC/FISH) Lukas Bubendorf, Switzerland
- 12:27 Molecular testing for Lung (molecular, NGS) Dario De Biase, Italy



DIGITAL MICROSCOPY WORKSHOP DMW11 URINE

Grey zones and pitfalls in urinary cytology

- Chair: Momin Siddiqui, USA Spasenija Savic Prince, Switzerland
- 11:15 Case 1 Ashish Chandra, UK
- 11:33 Case 2 Margareta Strojan Flezar, Slovenia
- 11:51 Case 3 Francesco Pierconti, Italy
- 12:09 Case 4 Blythe Gorman, USA
- 12:27 Case 5 Jose V. Scarpa-Carniello, USA

11:15 - 12:45 SPADOLINI PAVILION - ROOM 3



VIDEO MICROSCOPY WORKSHOP VMW08 EFFUSIONS

- Chair: Hatice Elmas, Germany Lutz Welker, Germany
- 11:15 Malignant effusion of epithelial origin: diagnostic approach and different diagnosis
 Ilkser Akpolat, Turkey
- 11:30 Routine and Immuncytological techniques for Effusion Analysis: Diagnostic Possibilities and Limitations Marianne Engels, Germany
- 11:45 Integrating Biochemical and Cytological Analyses for Enhanced Diagnosis of Pleural Effusions Lutz Welker, Germany
- 12:00 Molecular Diagnostic Procedures for Effusions Challenges and Pitfalls Andreas Lübke, Germany
- 12:15 Advanced Laboratory Techniques and Applications of Digital Pathology in Effusions Özben Yalcin, Turkey
- 12:30 Discussion | Q&A



CYTOTECH SESSION

The CT Skillset: What is our Future?

- Chair: Donna Russell, USA Enrica Bresaola, Italy
- 11:15 Colon biopsies Lia van Zuylen Manders, Netherlands
- 11:35 Artificial Intelligence Isidre Munnè-Bertran, Spain
- 11:55 Grossing in the Laboratory Michele Smith, USA
- 12:15 IHC/Molecular Irena Srebotnik Kirbis, Slovenia
- 12:35 Discussion | Q&A



DIGITAL MICROSCOPY WORKSHOP DMW12 LYMPH NODES

- Chair: Helena Barroca, Portugal Elena Vigliar, Italy
- 11:15 Cytological diagnosis in lymph nodes digital pathology Alessandro Caputo, Italy
- 11:25 How to approach cytological diagnosis in lymph nodes, in the context of the new classification-WHO reporting system for lymph node spleen and thymus cytopathology Immacolata Cozzolino, Italy
- 11:45 Review of some illustrative cases of lymph node cytological diagnosis
- 11:45 Case 1 Inflammatory case Elena Vigliar, Italy
- 11:55 Case 2 Non-Hodgkin lymphomas Marie Calaminici, UK
- 12:05 Case 3 Hodgkin lymphoma **Helena Barroca**, Portugal
- 12:15 Case 4 Pitfalls **Gennaro Acanfora**, Italy
- 12:25 Discussion | Q&A





BOARD MEETING ACTA CYTOLOGICA

Chair: Kari J. Syrjänen, Finland



FOCUS ON CYTOMORPHOLOGY WITH THE PROFESSOR 04 LUNG

- Chair: Maria Lozano, Spain Hormoz Ehya, USA
- 12:45 Introduction Maria Lozano, Spain Hormoz Ehya, USA
- 12:50 Optimizing sample procurement and laboratory methods in pulmonary cytology **Hormoz Ehya**, USA
- 13:05 Non-small cell carcinoma: Cytomorphology and the prudent use of ancillary studies Maria Lozano, Spain
- 13:20 Neuroendocrine neoplasms of the lung: Cytomorphology and ancillary studies Anjali Saqi, USA
- 13:35 Pitfalls in pulmonary cytology: Mimics of Lung Cancer Maureen Zakowski, USA
- 13:50 Discussion | Q&A



SYMPOSIUM S12

HEAD & NECK Head and Neck Cytology: updates from the experts

Chair: Esther Diana Rossi, Italy William Faquin, USA

- 14:00 Introduction Esther Diana Rossi, Italy William Faquin, USA
- 14:10 Difficult and rare entitles in the thyroid gland **Esther Diana Rossi**, Italy
- 14:25 Difficult and rare entitles in the salivary gland Maria Buttice, UK
- 14:40 Diagnosing soft tissue lesions in the head and neck **Ivan Chebib**, USA
- 14:55 HPV and head and neck tumours The new CAP guideline **William Faquin**, USA
- 15:10 Metastases of unknown primary in the head and neck Solving the puzzle **Jen-Fan Hang**, Taiwan
- 15:25 Discussion | Q&A

14:00 - 15:45 CAVANIGLIA PAVILION - ROOM B



SYMPOSIUM S13 BREAST

- Chair: Andrew Field, Australia Puay Hoon Tan, Singapore
- 14:00 The WHO Reporting System for Breast Cytopathology: an overview Wendy Raymond, Australia
- 14:25 Intraductal papilloma, papillary ductal carcinoma in situ and other papillary lesions of breast: what can FNAB contribute
 Andrew Field, Australia
- 14:50 Ancillary testing in breast cytopathology: the latest update Fernando Schmitt, Portugal
- 15:15 The 6th WHO Classification of Breast Tumours: what to expect
 Puay Hoon Tan, Singapore
- 15:40 Discussion | Q&A

14:00 - 15:45 SPADOLINI PAVILION - ROOM 3



VIDEO MICROSCOPY WORKSHOP VMW09 GYN 1 (INCLUDED ANAL CYTOLOGY)

- Chair: Claire Bourgain, Belgium Esperanza Teuzaba, Colombia
- 14:00 Cases of anal cytology and relationship to HPV Claire Bourgain, Belgium
- 14:25 Gastric-type cervical carcinoma Joerg Schwock, Canada
- 14:50 Endometrial carcinoma and lookalikes Claire Bourgain, Belgium
- 15:15 HPV positive and negative HSIL **Esperanza Teuzaba**, Colombia
- 15:40 Discussion | Q&A

14:00 - 15:45 SPADOLINI PAVILION - ROOM 1



CYTOTECH SESSION

The Thorn Between Roses: Challenging EBUS and EUS Cases

Chair: Enrica Bresaola, Italy Lia van Zuylen Manders, Netherlands

- 14:00 Case 1 EBUS Challenging Donna Russell, USA
- 14:25 Case 1 EUS Challenging **Franca Toffolo**, Italy
- 14:50 Case 2 EUS Challenging Michele Smith, USA
- 15:15 Case 2 EBUS Challenging Federico Davide, Italy
- 15:35 Discussion | Q&A



DIGITAL MICROSCOPY WORKSHOP DMW13 LIVER/KIDNEY FNAB of focal liver lesions

Chair: José Jimenez Heffernan, Spain Aileen Wee, Singapore

14:00 Case 1 How to distinguish benign from malignant well-differentiated hepatocellular nodular lesions on FNAB of the liver **Nirag Jhala**, USA

- 14:25 Case 2 Approach to FNAB of glandular lesions occurring in the liver **Nirag Jhala**, USA
- 14:55 Case 3 Challenges in the diagnosis of uncommon renal cell neoplasms Merce Jorda, USA
- 15:20 Case 4 The problem of oncocytic tumors Xiaoqi Lin, USA

16:15 - 17:15 CAVANIGLIA PAVILION - ROOM A



RECAP S11 THE DAILY PRACTICE SLIDE SEMINAR **HEAD & NECK** Advanced Applications in Head and Neck Cytopathology

- Chair: Franco Fulciniti, Italy Marc Pusztaszeri, Canada
- 16:15 Introduction
- 16:20 Case 1 Salivary Gland Tumor Marc Pusztaszeri, Canada
- 16:30 Case 2 Rare Neoplasms of the Salivary Gland on FNA Samples Franco Fulciniti, Italy
- 16:40 Case 3 Cytology of Mesenchymal Tumors of the Head and Neck Area Jerzy Klijianenko, France
- 16:50 Case 4
 Cytopathology of Papillary Thyroid Carcinoma Variants on FNA Samples
 Massimo Bongiovanni, Switzerland
- 17:00 Case 5
 Lymphoproliferative Lesions of the Head and Neck Area on FNA Samples
 Pio Zeppa, Italy
- 17:10 Discussion | Q&A



16:15 - 17:15 CAVANIGLIA PAVILION - ROOM B



RECAP S12 THE DAILY PRACTICE SLIDE SEMINAR **BREAST**

- Chair: **Elena Brachtel**, USA **Gary Tse**, Hong Kong
- 16:15 Case 1 Elena Brachtel, USA
- 16:35 Case 2 Ron Balassanian, USA
- 16:55 Case 3 Loes Kooreman, Netherlands

16:15 - 17:15 SPADOLINI PAVILION - ROOM 1



CYTOTECH SESSION Walk around the Block: Challenging Serous Effusions

- Chair: Enrica Bresaola, Italy Isidre Munnè-Bertran, Spain
- 16:15 Case 1 Serous Effusion **Donna Russell**, USA
- 16:30 Case 2 Serous Effusion **Enrica Bresaola**, Italy
- 16:45 Case 3 Serous Effusion **Vanessa Tavares**, Portugal
- 17:00 Case 4 Serous Effusion I**rena Srebotnik Kirbis**, Slovenia



DIGITAL MICROSCOPY WORKSHOP DMW14 PANCREAS & BILIARY

Chair: Nirag Jhala, USA Martha Pitman, USA

16:15 Case 1 Algorithmic approach to diagnosis of pancreatic Carcinoma and emerging role of Digital pathology and Molecular testing Darshana Jhala, USA

16:45 Case 2 Approach to discohesive cells in pancreatic masses **Miguel Perez-Machado**, UK

16:15 - 17:15 SPADOLINI PAVILION - ROOM 2

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FOCUS ON CYTOMORPHOLOGY WITH THE PROFESSOR 05 LYMPH NODES

Chair: Pio Zeppa, Italy

- 16:15 Case 1 Oscar Lin, USA
- 16:30 Case 2 Veronika Kloboves-Prevodnik, Slovenia
- 16:45 Case 3 Masaru Hosone, Japan
- 17:00 Case 4 Joshua Menke, USA

17:15 - 18:15 CAVANIGLIA PAVILION - ROOM A



KEYNOTE LECTURE KNL04 Foundation Models in Medicine the Beauty and the Beast

Daniel Thrun, Germany

8:00 - 9:45 CAVANIGLIA PAVILION - ROOM A



SYMPOSIUM S14 DIGITAL CYTOLOGY

- Chair: Filippo Fraggetta, Italy Liron Pantanowitz, USA
- 8:00 The digital Pap test Liron Pantanowitz, USA
- 8:25 Telecytology for ROSE Sara Monaco, USA
- 8:50 WSI & cytology Filippo Fraggetta, Italy
- 09:15 Computational cytology Alessandro Caputo, Italy
- 09:40 Discussion | Q&A



SYMPOSIUM S15 URINE

- Chair: Lukas Bubendorf, Switzerland Eva Wojcik, USA
- 8:00 Introduction Lukas Bubendorf, Switzerland **Eva Wojcik**, USA
- 8:05 Paris System what worked and what still needs to be improved **Eva Wojcik**, USA
- 8:25 Atypical Squamous Cells (ASC) in urine specimens Alarice Lowe, USA
- 8:50 Struggling with G2 Spasenija Savic Prince, Switzerland
- 9:20 The role of Al in urine specimens Camélia Radulescu, France
- 9:40 Discussion | Q&A

9:45 - 10:45 CAVANIGLIA PAVILION - ROOM A



SPECIAL SESSION THE CYTOPATHOLOGY IN THE ERA OF PRECISION MEDICINE

- Chair: Giancarlo Troncone, Italy Fernando Schmitt, Portugal
- 9:45 Quality of cytological material for molecular testing **Fernando Schmitt**, Portugal
- 10:05 There is still a role or non-NGS techniques? Massimo Barberis, Italy
- 10:25 Complementary use of molecular testing on solid tumour tissue and plasma by liquid biopsy **Giancarlo Troncone**, Italy



SPECIAL SESSION THE CYTOPATHOLOGY IN THE ERA

OF PRECISION MEDICINE

Chair: Giancarlo Troncone, Italy Fernando Schmitt, Portugal

- 11:15 Focus on lung Massimo Barberis, Italy
- 11:35 Focus on thyroid **Sylvia Asa**, Canada
- 11:55 Focus on urine Giacomo Gazzano, Italy
- 12:20 Focus on salivary gland Marc Pusztaszeri, Canada
- 12:40 Discussion | Q&A





THE CYTOPATHOLOGY WORLD WIDE CHALLENGE 2025 BY IAC & SIAPeC

Chair: Guido Fadda, Italy

- 11.15 Introduction **G. Fadda**
- 11.20 Clinical Implications and Performance of the WHO Reporting System for Lymph Node Cytopathology Speaker: K. Ericson Lindquist Authors: K. Ericson Lindquist, G. Cortas, Y. Hashemi, N. Rajabian, M. Ehinger Faculty of Medicine, Department of Clinical Sciences, Division of Pathology, Lund University, Lund, Sweden
- 11.30 Editor of JASC Paul Van der Laan
- 11.40 Q&A
- 11.45 Performance of MammaTyper® in Cytological, Biopsy, and Surgical Breast Cancer Samples
 Speaker: M. Pinamonti
 Authors: M. Pinamonti¹, D. Santon¹, C. Bottin², E. Ober¹, C. Rizzardi¹, C. Di Lecce^{1,3}, F. Zanconati^{1,2,3}
 ¹Azienda Sanitaria-Universitaria Giuliano-Isontina (ASUGI), Department of Pathology, Trieste (Italy)
 ²Department of Medical, Surgical and Health Sciencies, University of Trieste (Italy)
 ³School of Specialization of Pathology, University of Udine (Italy)
- 11.55 Editor of Cytopathology Philippe Viehl

12.05 Q&A



12.10 Molecular profiling of indeterminate thyroid nodules: findings from an institutional cohort Speaker: V. Fiorentino

Authors: V. Fiorentino¹, C. Pizzimenti², W. Giordano¹, G. Ricciardi¹, E. Germanà¹, M. Ballato¹, G. Giuffrè¹, M. Martini¹, G. Fadda¹, E.D. Rossi³

¹ Department of Human Pathology of Adult and Developmental Age "Gaetano Barresi", University of Messina, Italy

² Pathology Unit, Papardo Hospital, Messina, Italy

³ Department of Anatomic Pathology, Foundation Policlinico Universitario "Agostino Gemelli" IRCCS, Catholic University, Italy

- 12.20 Editor of Cancer Cytopathology Esther Diana Rossi
- 12.30 Q&A
- 12.35 Screening and diagnosing triage cytology with the Genius Digital Diagnostics System® Speaker: H. Edvardsson Authors: H. Edvardsson, N. Baderkhan, I. Carlsén, S. Larsson, F. Rafiefard, V. Torres-Larsson

Dept. of Pathology and Cancer Diagnostics, Karolinska Hospital, Stockholm, Sweden

- 12.45 Editor of Acta Cytologica Kari Syrjanen
- 12.55 Q&A
- 13.00 End of the Session



FAREWELL IAC CEREMONY

IL

PROFERRED PAPERS

12:45 – 14:00 SPADOLINI PAVILION ROOM 1



EFFUSION

PROFERRED PAPERS PP01 Chair: Ashish Chandra, UK Marianne Engels, Germany

12:45-12:52 No. 014 **Cytologists do it with cells - diagnostic cytopathology, essentials, advances and more!**

Anna Patterson

UK NEQAS Cellular Pathology Technique, Cellular Pathology, Newcastle Upon Tyne, United Kingdom

12:52-12:59 No. 015 **Diagnostic cytopathology cell block preparation methods**

Anna Patterson, Helen Naylor

UK NEQAS Cellular Pathology Technique, Cellular Pathology, Newcastle Upon Tyne, United Kingdom

12:59-13:06 Nr. 032 **Review: cell-in-cell phenomenon: cytological characteristics and key features**

Masanao Saio, Mizuha Oi, Moe Kameda, Mayuna Fukuzawa, Ryosuke Akuzawa, Rio Kaneko, Momoka Konno¹, Rio Shibanuma, Sayaka Kobayashi, Yoshimi Nishijima

Gunma, University, Maebashi-city, Japan

13:06-13:13 Nr. 034 **'Rights and wrongs'** of diagnostic cytopathology staining Helen Naylor, Anna Patterson

UK NEQAS Cellular Pathology Technique, Cellular

13:13-13:20 Nr. 087



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Role of cytology in early diagnosis of MSI adenocarcinoma in a young patient with lynch syndrome background: a case report

F. El Sissy¹, R. Bourgoin^{1,2}, R. Kaci¹, M. Wassef¹, H. Adle-Biassette¹, D. Cazals-Hatem³.

¹Department of Pathology, Lariboisière Hospital, APHP, Université Paris-Cité, Paris, France.

²Pathologie Bastille, Paris, France.

³Department of Pathology, Beaujon Hospital, APHP, Université Paris-Cité, Paris, France.

13:20-13:27

Nr. 092

Unique presentation of metastatic malignant germ cell tumor diagnosed in pleural effusion cytology

Samer Khader, Sigfred Lajara, Lakshmi Harinath

Department of Pathology, University of Pittsburgh, Pennsylvania, USA

13:27-13:34

Nr. 104

Multiplex immunocytology of fine-needle aspiration biopsies and effusions: initial findings

S. Miceska¹, S.C. Bhakdi^{2,3}, V. Kloboves Prevodnik^{1,4}
 ¹Dep. of Cytopathology, Institute of Oncology Ljubljana, Slovenia
 ²X-ZELL Biotech Pte Ltd., Singapore 069535
 ³Dep. of Pathobiology, Faculty of Science, Mahidol University Bangkok, Thailand
 ⁴ Dep. of Pathology, University of Maribor, Slovenia

13:34-13:41 Nr. 134 **Multiplexed effusion immunodiagnostics in routine cytopathology S.C. Bhakdi^{1,2}**, D. Walch³, C.Fives¹, S. Grote¹, K.P. Hunfeld³, A. Battmann⁴

¹X-ZELL Biotech, Singapore

²Dep. of Pathobiology, Fac. of Science, Mahidol University Bangkok, Thailand ³Deps. of Clinical Pathology & Laboratory Medicine, NW Medical Centre, Frankfurt M., Germany

⁴Dep. of Anatomic Pathology, NW Medical Centre, Frankfurt M.

13:41-13:48 Nr. 157



Evaluating the impact of sample volume on cytological diagnosis of pleural effusion: a single-institution study using the international system for reporting serous fluid cytopathology

R. Meena¹, A. Nambirajan¹, D. Jain¹

¹Department of Pathology, All India Institute of Medical Sciences, New Delhi

13:48-13:55

Nr. 201

The diagnosis of malignancies on pleural effusions processed by liquid-based cytology

P. Tralongo¹, T.M. Martorana², Q. Zhang¹, M. Franchina², G. Riganati², E.D. Rossi¹, V. Fiorentino², F. Cianfrini¹, A. Cancellieri¹, G.Fadda²

¹Dept. Of Pathology and Cytology, Catholic University, Foundation "A. Gemelli" Hospital, Rome

²Dept. Of Human Pathology of the Adulthood and of the Developing Age "G. Barresi", University of Messina (Italy)

13:55-14:02

Nr. 217

From mystery to mastery:

applying the TIS framework to pleural effusion cytology

J. Musayev¹, N. Orujova², E. Jumazada³, B. Abbasov¹, M. Baghirzade¹, K. Bakhshaliyeva², B. Onal⁴

¹Baku Pathology Center, Baku, Azerbaijan

²Unification of Forensic Medical Expertise and Pathological Anatomy, Baku, Azerbaijan

³Department of Forensic Medical Expertise and Pathological Anatomy, Azerbaijan State Advanced Training Institute for Doctors, Baku, Azerbaijan ⁴Acıbadem HealthCare Group, Central Pathology Laboratory, Istanbul, Turkey

14:00 – 15:45 SPADOLINI PAVILION ROOM 1



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DIGITAL CITOLOGY

PROFERRED PAPERS PP02

Chair: Pamela Michelow, South Africa Sule Canberk, Portugal

14:09-14:16 Nr. 016 Enhancing cytopathology workflow: deep learning models for pap smear image analysis

P. Sharma¹, A.K. Shaw², B.N. Subudhi²

¹Department of Pathology, All India Institute of Medical Sciences, Vijaypur, Jammu, India;

²Department of Computer Science and Electrical Engineering, Indian Institute of Technology Jammu, Jammu, India

14:16-14:23

Nr. 026

Cervical cancer screening using artificial intelligence in three counties of Vichang city, Hubei province

Xiaorong Sun¹, Baochuan Pang¹, Wei Zhang², Hua Li², Jian Wang²

¹Landing Artificial Intelligence Center for Pathological Diagnosis, Wuhan University, Wuhan, China

²Wuhan Landing Cloud Clinical Laboratory Co., Ltd, Wuhan, China

14:23-14:30

Nr. 028

Epidemiology study of large scale cervical cancer screening in china using ai-assisted cytology

Jian Wang¹, Wei Zhang¹, Hua Li¹, Xiaorong Sun², Baochuan Pang², Jing Ma³

¹Wuhan Landing Cloud Clinical Laboratory Co., Ltd, Wuhan, China ²Landing Artificial Intelligence Center for Pathological Diagnosis, Wuhan University, Wuhan, China

³Tsinghua University Institute for Hospital Management, Beijing, China

14:30-14:37 Nr. 033 Participating in a digital diagnostic cytopathology interpretive proficiency testing (iEQA) scheme Helen Navlor



UK NEQAS Cellular Pathology Technique, Cellular

14:37-14:44

Nr. 042

Technical challenges encountered during the validation study with the genius digital diagnostic system in a tertiary level hospital system: patient safety and quality study

Lakshmi Harinath, Jonee Matsko, Amy Colaizzi, Stephanie Wharton, Esther Elishaev, Samer Khader, Rohit Bhargava, Liron Pantanowitz, Chengguan Zhao

Department of Pathology, University of Pittsburgh, UPMC Magee Womens Hospital, Pittsburgh, PA, USA

14:44-14:51

Nr. 057

National quality assurance program using digital cytopathology: a five-year experience by the Korean society for cytopathology

Yosep Chong¹, Hyeong Ju Kwon², Soon Auck Hong³, Sung Soon Kim⁴, Bo-Sung Kim⁵, Younghee Choi6, Yoon Jung Choi⁷, Jung-Soo Pyo⁸, Moonsik Kim⁹, Soo Jin Jung¹⁰, Hun Soo Kim¹¹, Yong Chul Kim¹², Hoon Kyu Oh¹³, Seung-Sook Lee¹⁴

The Committee of Quality Improvement of the Korean Society for Cytopathology Department of Pathology

¹Department of Hospital Pathology, College of Medicine, The Catholic University of Korea, Seoul;

²Department of Pathology, Yonsei University Wonju College of Medicine, Wonju Severance Christian Hospital, Wonju;

³Department of Pathology, Chung-Ang University College of Medicine, Seoul;

⁴Department of Pathology, Chonnam National University Medical School, Gwangju; ⁵Department of Pathology, Green Cross Laboratories, Yongin;

⁶Department of Pathology, Hallym University Dongtan Sacred Heart Hospital, Hwaseong;

⁷Department of Pathology, Yonsei University College of Medicine, Yongin Severance Hospital, Yonsei University, College of Medicine, Yongin; ⁸Department of Pathology, Eulji University Hospital,

Eulji University School of Medicine, Seoul;



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⁹Department of Pathology, Kyungpook National University Chilgok Hospital, School of Medicine, Kyungpook National University, Daegu; ¹⁰Department of Pathology, Inje University Busan Paik Hospital, Busan; ¹¹Department of Pathology, Wonkwang University School of Medicine, Iksan; ¹²Department of Pathology, National Cancer Center, Ilsan;

¹³ Department of Pathology, Daegu Catholic University, Daegu;

¹⁴ Department of Pathology, Korea Institute of Radiological and Medical Sciences, Seoul, Korea

14:51-14:58

Nr. 128

Advance in instant digital cytology characterization using AuNPs and immunofluorescence tools.

V. Morano¹, G. Maricchiolo², M. Cioce³, S. Stigliano², L. Frasca², M. Biffoni⁴, C. Di Gioia⁵, F.M. Di Matteo², L. Giacomelli⁴, A. Crescenzi⁵

¹Endocrine Organs and Neuromuscolar Pathology Unit, Fondazione Policlinico Universitario Campus Biomedico, Rome

²Operative Endoscopic Unit,Fondazione Policlinico Universitario Campus Biomedico, Rome

³Laboratory Molecular Medicine and Biotechnology, University Campus Biomedico of Rome, Italy ⁴Dept. Surgical Sciences and ⁵Dept. Radiological,Oncological,Pathological Sciences, Sapienza University of Rome, Italy 14:58-15:05 Nr. 159 Does AI performance in thyroid cancer diagnosis



differ between single-layer and multi-z-stacked imaging?

B.A. Crothers, W.L. Yang, S.W. Hsu, C.H. Yeh, Y.S. Liu, M.Y. Lin, G.W. Shao, T.J. Liu AlxMed, Inc., Clinical Research, Santa Clara, USA

15:05-15:12

Nr. 160

AIXURO:

enhancing diagnostic accuracy in bladder cancer detection with AI-assisted urine cytology

S. Lajara¹, W.L. Yang², G.W. Shao², T.J. Liu², S.N. Khader¹

¹ Department of Pathology, University of Pittsburgh Medical Center, Pittsburgh, PA, USA :

² AlxMed, Inc., Santa Clara, CA, USA

15:12-15:19 Nr. 178 miLab[™] CER: AI-Driven digital cytology platform for automated cervical cancer screening

M. Kim, D. Ham, S. Kim, J. Ryu, H.M. Hong Noul Co., Ltd., Yongin, Republic of Korea

15:19-15:26 Nr. 209 Utilizing ChatGPT to assign categories based on the milan system for reporting salivary gland cytopathology



S. M. Hosseini

Department of Pathology, The University of Texas MD Anderson Cancer Center, Houston, TX, USA

15:26-15:33 Nr. 211

Online remote rapid cytology evaluation Tailored diagnostics for fine-needle aspiration biopsy.

Hatice Elmas¹, Fatih Baybars Ergüven¹, Abdullah Fahri Şahin², Fahriye Secil Tecellioglu², Stefan Steurer¹, Birgit Hantzsch-Kuhn^{3,4}, Lutz Welker^{1,4}

¹Section Cytopathology, Institute of Pathology with the Sections Molecular Pathology and Cytopathology, University Medical Center, Hamburg Eppendorf, Germany. ²Department of Pathology, School of Medicine, Malatya Turgut Ozal University, Malatya, Türkiye.

³LungenClinic Grosshansdorf, Grosshansdorf; Department of Medicine,

Christian Albrechts University Kiel, Kiel, Germany.

⁴Airway Research Center North (ARCN), German Center

for Lung Research (DZL), Gies-sen, Germany



HEAD & NECK, INFECTIOUS DISEASES **PROFERRED PAPERS PP03** Chair: **Zubair Baloch**, USA

Immacolata Cozzolino, Italy

16:15-16:22 Nr. 053

Utility of cytomorphology in distinguishing benign oncocytic salivary neoplasms from "oncocytoid" carcinomas: a multi-observer assessment

Richard Cantley, Heather Chen-Yost, Madelin Lew University of Michigan, Pathology, Ann Arbor, United States

16:22-16:29

Nr. 079

HPV genotyping and cytology co-testing for anal cancer screening: HRA/histological assessment and evaluation of the "HPV burden" as a new potential parameter associated with AIN lesions

Pompeo G.¹, Giachini C.¹, Cannistrà S.¹, Paganini I.¹, Pacella S.¹, Galastri S.¹, Giunti S.¹, Pisano L.², Sani C.¹, Bisanzi S.¹

¹Regional Laboratory of Cancer Prevention, ISPRO, Florence, Italy ²Section of Dermatology, Health Sciences Department, University of Florence, Florence, Italy

16:29-16:36 Nr. 105

Recurrent acinic cell carcinoma with high-grade transformation: a rare variant with increased risk of aggressive behavior

Samer Khader¹, Asma Arshia², Robert Peel¹, Karen Schoedel¹

¹University of Pittsburg, Department of Pathology, Pittsburgh, United States ²University of Kentucky, Department of Pathology and Laboratory Medicine, Lexington, United States

16:36-16:43 Nr. 116 **Fine-needle biopsy device and method of operation**



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Adam Kowalewski^{1,2}. Dawid Marciniak³

¹Center of Medical Sciences, University of Science and Technology, Bydgoszcz, Poland; ²Department of Tumor Pathology, Oncology Center Prof. Franciszek Łukaszczyk Memorial Hospital, Bydgoszcz, Poland;

³Department of Manufacturing Techniques, Faculty of Mechanical Engineering, Bydgoszcz University of Science and Technology, Bydgoszcz, Poland

16:43-16:50

Nr. 139

Utility of fine needle aspiration in molecular diagnostics of tuberculous lymphadenitis.

U. Khurana¹, R. Rastogi¹, A.K. Maurya², A.K. Khurana³, V. Walke¹, A.Tiwari²

¹Deptt of Pathology and Lab Medicine, AIIMS Bhopal, Bhopal, Madhya Pradesh, India ²Deptt of Microbiology, AIIMS Bhopal, Bhopal, Madhya Pradesh, India ³Deptt of Pulmonary Medicine, AIIMS Bhopal, Bhopal, Madhya Pradesh, India

16:50-16:57

Nr. 146

Enhancing the diagnostic accuracy of cervical tuberculous lymphadenitis: largest single institution experience on fine needle aspiration combined with tuberculosis PCR

Sardana N.k., Sardana R., Sardana R.

SARDANA LABS, Jalandhar, Punjab, India Mass General Brigham Hospitals, Pathology department, Boston, USA 16:57-17:04 Nr. 158 **Oral cytology in Japan:**



novel diagnostic criteria and strategies

M. Nagayama¹, A. Ihara², Y. Tanaka³, M. Sasaki⁴, T. Ochiai¹, M. Ehara¹, Y. Miyamoto¹, H. Suwa⁵, K. Kawarada⁶

¹Department of Oral Pathology Asahi University School of Dentistry, Mizuho, Japan ²Ihara Machinaka Dental Clinic, Numazu, Japan ³Department of Surgical Pathology, Tokyo Dental College, Ichikawa General Hospital, Ichikawa, Japan ⁴Yuwakai Med. Corp. Dental Clinic, Rifu, Japan ⁵Kawarada Dentistry and Oral Surgery, Tsu, Japan ⁶Suwa Dental Clinic, Nagaokakyo, Japan

17:04-17:11

Nr. 174

Utility of liquid-based cytological sample

from fine needle aspiration in the diagnosis of tuberculosis Zhengwei Dong, Chunyan Wu, Wei Wu, Haiting Wei

Shanghai Pulmonary Hospital, Shanghai Pulmonary Hospital, Department of Pathology, Shanghai, China

08:00-09:45 SPADOLINI PAVILION ROOM 1



MOLECULAR CYTOLOGY PROFERRED PAPERS PP04 Chair: Udipi Shastri Dinesh, USA Paul VanderLaan, USA

08:00-08:07 Nr. 060 **Targeting p38γ synergistically enhances Sorafenib-induced cytotoxicity in hepatocellular carcinoma**

Chen Huang, Chenliang Zhang, Feng Bi West China Hospital, Department of Oncology, Chengdu, China

08:07-08:14 Nr. 066 **Cytopathology in the era of molecular modelling and molecular dynamics. The lesson of rare fusions in lung cancer.**

Massimo Barberis¹, Yinxiu Zhan¹, Valeria Midolo¹, Clementina Di Tonno¹, Guido Tiana²

¹Istituto Europeo di Oncologia, Experimental Oncology, Milano, Italy, ²University of Milan, Center for Complexity and Biosystems, Milano, Italy

08:14-08:21 Nr. 076 Performance of laboratories in external quality assessment (UK NEQAS ICC) for immunocytochemistry on cytology samples

R. Roque^{1,2}, I.S. Kirbis³, S. Parry⁴, A. Félix^{1,2}

¹Instituto Português de Oncologia de Lisboa Francisco Gentil, EPE, Lisboa, Portugal; ²NOVA Medical School, Lisboa, Portugal;

³Institute of Pathology, Faculty of Medicine, University of Ljubljana, Korytkova, Ljubljana, Slovenia;

⁴UKNEQAS ICC & ISH, London, United Kingdom.

08:21-08:28 Nr. 078



RET-rearranged enteric-type lung adenocarcinoma metastatic to the thyroid diagnosed on FNA

A. M. Carillo¹, C. De Luca¹, M. Salatiello¹, P. Pisapia¹, V. Damiano², E. Vigliar¹, M. D'Armiento³, G. Troncone¹, C. Bellevicine¹

¹ Department of Public Health, University of Naples Federico II, Naples, Italy ²Medical Oncology, Integrated Activity Department of Onco-Hematological Diseases, Pathological Anatomy and Rheumatic Diseases, AOU Federico II, 80131 Naples, Italy ³Department of Advanced Biomedical Sciences, University of Naples, Italy

08:28-08:35

Nr. 108

Cytological smear and cell block versus tissue biopsies in the diagnosis of malignant tumours in non-gynaecologic specimens

Najat AlDairi, Asma AlGhalabii

Sultan Qaboos University Hospital, pathology, Muscat, Oman

08:35-08:42

Nr. 130

Detection of FGFR3/pTERT alterations in LBC urine clarifies indeterminate TPS cytology categories

E.Thodou¹, M. Samara¹, K. Zarra², C. Apostolopoulou¹, L. Mitrakas³, P.Vlachostergios^{3,4}, I. Zachos³, V. Tzortzis³, M. Ioannou¹

¹Department of Pathology, Faculty of Medicine, School of Health Sciences, University of Thessaly, Larissa, Greece

²Department of Biochemistry-Biotechnology, School of Health Sciences, University of Thessaly, Larissa, Greece

³Department of Urology, Faculty of Medicine, School of Health Sciences, University of Thessaly, Larissa, Greece

⁴ Department of Medical Oncology, IASO Thessalias, Larissa, Greece

08:42-08:49 Nr. 147 A comparative study of immunofluorescence and immunohistochemistry for rapid and reliable primary ciliary dyskinesia diagnosis.

A. Stracuzzi¹, R. Mariani¹, N. Ullmann², N. Leone¹, A. Boni², A. Coretti², R. Alaggio¹ and R. Cutrera²

¹Pathology Unit, Bambino Gesù Children's Hospital, Rome, Italy ²Pneumology and Cystic Fibrosis Unit, Bambino Gesù Children's Hospital, Rome, Italy

08:49-08:56 Nr. 173



Comprehensive analysis of NGS and ARMS-PCR for the detection of actionable mutations of in NSCLC using liquid-based cytological specimens

Chunyan Wu, Wei Wu, Zhengwei Dong

Shanghai Pulmonary Hospital, Shanghai Pulmonary Hospital, Department of Pathology, Shanghai, China

08:56-09:03

Nr. 192

The utility of a DNA-Based NGS panel in the cytological diagnosis of indeterminate thyroid nodules

K Ceyhan¹, B Pamuk¹, N Aras¹, B Cevik¹, M Besler¹, M Sahin², V Genc³, MK Gokcan⁴, AB Kırmızı¹, SD Sak¹

¹Department of Pathology, Ankara University Faculty of Medicine, Ankara, Turkey ²Department of Endocrine and Metabolic Disorders, Ankara University Faculty of Medicine, Ankara, Turkey

³Department of General Surgery, Ankara University Faculty of Medicine, Ankara,Turkey

⁴Department of Otorhinolaryngology-Head and Neck Surgery, Ankara University Faculty of Medicine, Ankara,Turkey

09:03-09:10 Nr. 205 High reproducibility of mRNA-based HPV testing in anal samples with low-grade and high-grade cytological lesions.

R. Granados¹, N. Ruiz¹, G. Marabé¹, B. Carretero¹, J.M. Rodriguez-Barbero¹, M. Granados¹, J.P. Morillo¹ ¹Pathology Department. Hospital Universitario de Getafe, Madrid, Spain 09:45-10:45 SPADOLINI PAVILION ROOM 1



LYMPH NODES, PANCREAS **PROFERRED PAPERS PP05** Chair: **Ricardo Bardales**, USA Martha Pitman, USA

09:45-09:52

No. 010

Non-lymphoid elements in the proposed sydney system for lymph node cytopathology: a head and neck perspective

Kathleen Bi-Lin Wung, Li Yan Khor, Kok Hing Lim

Department of Anatomical Pathology, Division of Pathology, Singapore General Hospital, Academia

09:52-09:59

Nr. 050

Application of WHO reporting system for pancreaticobiliary cytopathology with associated risk of malignancy-an institutional experience

S. Chandra¹, A. Agarwal¹

¹Department of Pathology, Himalayan Institute of Medical Sciences, Swami Rama Himalayan University, Dehradun, India

09:59-10:06

Nr. 061

Preoperative mediastinal EBUS-FNA is linked to greater surgical lymph node sampling in lung cancer

A. Lametti¹², É. Pichette¹², A. Hassan², B. Laor², E. Mugutso²³, N. Ezer²³⁴, M. Auger¹², J. Spicer²³⁵, P.O. Fiset¹²³

¹Department of Pathology, McGill University, Montréal, Canada ²Faculty of Medicine and Health Sciences

³McGill University, Montréal, Canada; ³Research Institute-MUHC, Montréal, Canada ⁴Department of Epidemiology, Biostatistics and Occupational Health, McGill University, Montréal, Canada

⁵Division of Thoracic and Upper Gastrointestinal Surgery, McGill University, Montréal, Canada

10:06-10:13 Nr. 143 Utility of cytology in the evaluation of pancreatic mass lesions in a tertiary care center



S.M. Kaviya¹, Rari P Mony¹, M.H. Geethi², Anitha Mathews¹, Preethi Sara George³

¹Department of Pathology, Regional Cancer Centre, Trivandrum, India ²Department of Radiation Oncology, Regional Cancer Centre, Trivandrum, India ³Division of Epidemiology and Biostatistics, Regional Cancer Centre, Trivandrum, India

10:13-10:20

Nr. 145

From smear to diagnosis: the role of ancillary techniques in lymph node fine-needle cytology

E. Maffei¹, G. Di Motta¹, R. Ruotolo¹, A. Caputo^{1,2}, P. Zeppa^{1,2}.

¹Department of Pathology, Cytopathology, and Molecular Department, University Hospital of Salerno, Salerno, Italy.

²Department of Medicine and Surgery, University of Salerno, Salerno, Italy.

10:20-10:27 Nr. 172 Clinical implications and performance of the WHO reporting system for lymph node cytopathology

K. Ericson Lindquist¹, G. Cortas¹, Y. Hashemi¹, N. Rajabian¹, M. Ehinger¹ ¹Faculty of Medicine, Department of Clinical Sciences, Division of Pathology, Lund University, Lund, Sweden

10:27-10:34 Nr. 182 Removing the ROSE-colored glasses: reassessing rapid on-site evaluation value in a telecytology era

L.J. Ray¹, M.M. Al-Attar¹, A. Ly¹

¹Department of Pathology, Massachusetts General Brigham, Boston, MA, USA



GYNECOLOGICAL, HEAD & NECK, INFECTIOUS DISEASE PROFERRED PAPERS PP06

Chair: Kari Syrjänen, Finland Donna Russell, USA

11:15-11:22 Nr 055

Nr. 055

Advancements in AI-assisted cervical cytology: evaluating the PSx2 algorithm

Hyungkyung Kim¹, Tsandmaa Byambadorj², Seung Hyun Choi², Kyung Jin Seo², Rushabh Mehta³, Girish Muzumdar³, Gautmi Badkar³, Hyunjoo Yoo², Yunhwa Hong²,Yosep Chong²

¹Department of Pathology, Samsung Medical Center, Sungkyunkwan University School of Medicine, ²Department of Hospital Pathology, College of Medicine, The Catholic University of Korea, Seoul, Korea, ³Identify.bio®, Mumbai, India

11:22-11:29

Nr. 056

Cervical screening by conventional and liquid based cytology: A cytologic study of 5325 cases in Eastern India

Santosh Kumar Mondal, Mrinal Sarkar, Abishek Chakraborty,

Paul Sayanti

All India Institute of Medical Sciences, Pathology and Laboratory Medicine, Kalyani, India

11:29-11:36

Nr. 059

Cervicovaginal infections and coinfections, their significance through the Papanicolaou test.

E.Y. Walttuoni Picón¹, V.A. Rojas Zumarán^{2,3}, G. Cruz-Gonzales^{3,4}, R. Lozada-Diaz⁵, C. Yovera-Ancajima^{1,6}

 ¹Grupo de investigación Salud Pública: Enfermedades infecciosas y no infecciosas tropicales, Universidad Nacional Federico Villarreal, Lima, Perú
 ²Servicio de Anatomía Patológica, Hospital Nacional Docente Madre Niño San Bartolomé, Lima, Perú ³Facultad de Tecnología Médica, Universidad Nacional Federico Villarreal, Lima, Perú ⁴Facultad de Ciencias de la Salud, Universidad Tecnológica del Perú, Lima, Perú ⁵Servicio de Patología Clínica, Hospital II-1 Moyobamba, San Martin, Perú ⁶Escuela de Tecnología Médica, Universidad Peruana Cayetano Heredia, Lima, Perú

11:36-11:43 Nr. 098



The daily peer review in cervical cytology:

5 years of data collection and new performance indicators

C. Giachini¹, G. Pompeo¹, D. Puliti¹, G. Gorini¹, I. Paganini¹, S. Cannistrà¹, G. Fantacci¹, F. Carozzi¹*, C. Di Stefano¹, C. Sani¹

¹Institute for Cancer Research, Prevention and Clinical Network (ISPRO), Florence, Italy *Retired

11:43-11:50

Nr. 109

Screening and diagnosing triage cytology with the genius digital diagnostics system®.

H. Edvardsson, N. Baderkhan, I. Carlsén, S. Larsson, F. Rafiefard, V. Torres-Larsson

Dept. of Pathology and Cancer Diagnostics, Karolinska Hospital, Stockholm, Sweden

11:50-11:57 Nr. 138 **Differential diagnosis of cervical glandular lesions**

M.A. Nauth, P. Fischer

Cervical Dysplasia Center Konstanz, Germany

11:57-12:04 Nr.180 **Concordance between fine needle aspiration cytology and xpert mtb/rif in the diagnosis of extrapulmonary tuberculosis**

H. Agustina¹, B. Andriyoko², N. Kusumadjayanti¹, A.U. Aimma²

¹Department of Anatomical Pathology, Faculty of Medicine, Universitas Padjadjaran/ Dr. Hasan Sadikin General Hospital, Bandung, Indonesia

²Department of Clinical Pathology, Faculty of Medicine, Universitas Padjadjaran/Dr. Hasan Sadikin General Hospital, Bandung, Indonesia General Hospital, Bandung, Indonesia

12:04-12:11

Nr. 188

Reflex hrHPV testing following abnormal liquid-based screening cytology: experience from a single institution

Bracic Tomazic Suzana¹, Kellner Jennifer¹, Lax Sigurd F^{1,2}

¹Department of Pathology, Hospital Graz II, Styrian Hospital Corporation, Academic Teaching Hospital of the Medical University of Graz, Graz, Austria. ² School of Medicine, Johannes Kepler University, Linz, Austria.

12:11-12:18 Nr. 194 Hormonally active tumor in a postmenopausal woman discovered using cervical cytology



V. Najdanovic Mandic¹, M. Trailovic²

¹Harmony Healthcare Clinic, Zajecar, Serbia ²Gynecology Obstetrics Department, Health Center Zajecar, Zajecar, Serbia

12:18-12:25

Nr. 198

Clear cell neoplasm in salivary gland FNA? Maybe it's from kidney!

I.Sorice¹, A. M. Carillo¹, M. Salatiello¹, C. De Luca¹, V. Damiano², G. Dell'Aversana Orabona³, E. Vigliar¹, G. Troncone¹, C. Bellevicine¹ ¹Department of Public Health, AOU Federico II, Naples, Italy ²Department of Medical Oncology, AOU Federico II, Naples, Italy ³Department of Odontostomatological Sciences, AOU Federico II, Naples, Italy

12:25-12:32 Nr. 202 Papillary carcinoma of the neck with unknown primary, a challenging case with diagnostic dilemma

M. Al Ghafri¹, N. Al Julandani¹

¹Medical City for Military and Security Services, Muscat, Oman

12:45-14:00 SPADOLINI PAVILION ROOM 1



THYROID PROFERRED PAPERS PP07

Chair: Massimo Bongiovanni, Switzerland Eva Ramqvist, Sweden

12:45-12:52 Nr. 003 Effect of covid-19 on adequacy of fine-needle aspiration of thyroid nodules in a training hospital

C.V. Mirhan¹, D. T. Argamosa², J. Rivera¹

¹Department of Laboratories, Philippine General Hospital, University of the Philippines Manila, Taft Ave., Manila, Philippines ²Department of Pathology, College of Medicine, University of the Philippines Manila, Pedro Gil St., Manila, Philippines

12:52-12:59

No. 004

Performance of two-tier aus subcategories in thyroid fnab without routine Molecular Testing.

P.D. Santos¹, C.R. Lai² and J.F. Hang²

¹Department of Pathology and Laboratories, Makati Medical Center, Makati, Philippines ²Department of Pathology and Laboratory Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

12:59-13:06 Nr. 045 Formulation of a novel cytodiagnostic scoring system for papillary thyroid carcinoma

A. Salillas, J.J. Batirzal, E. Almocera, et al.

Pathology Department, Governor Celestino Gallares Memorial Medical Center, Bohol, Philippines

13:06-13:13 Nr. 051 **Understanding the rising trend of papillary thyroid carcinoma Gunvanti Rathod**

Additional Professor, AIIMS, Hyderabad, Telangana, India

13:13-13:20 Nr. 069 **Cytology of thyroblastoma: a case report**



of a novel entity in a pregnant patient

R. Razack¹, F. Hoosain², A.C. van Wyk¹, W.D. Foulkes³, W. Conradie² ¹Division of Anatomical Pathology, Tygerberg Hospital, National Health Laboratory Service, Faculty of Medicine and Health Sciences, Stellenbosch University, Cape Town, South Africa.²Division of Surgery, Department of Surgical Sciences, Faculty of Medicine and Health Sciences, University of Stellenbosch, Cape Town, South Africa ³Departments of Medicine, Oncology and Human Genetics, McGill University, Canada

13:20-13:27

Nr. 118

Fine needle aspiration of thyroid bed lesions: a 10-year experience at a tertiary care center

Kurtulan O., Önder S.

Department of Pathology, Hacettepe University Faculty of Medicine, Ankara, Turkey.

13:27-13:34

Nr. 127

Real-time digital cell collection from thyroid FNA supports a new gene expression profiling tool

G. Maricchiolo¹, V. Morano², C. Di Gioia³, M. Biffoni⁴, L. Giacomelli⁴, M. Sponziello⁵, C. Durante⁵, A. Crescenzi³

¹Dept Molecular Medicine, Sapienza University of Rome, Italy ²Unit Endocrine Organs and Neuromuscular Pathology, Fondazione Policlinico Campus BioMedico ³Dept Radiological, Oncological and Pathological Sciences ⁴Dept Surgical Sciences, and ⁵Dept Translational and Precision Medicine, Sapienza University of Rome, Italy

13:34-13:41 Nr. 142 Atypia of undetermined significance a retrospective reclassification study

Brazão Lopes 1 Miguel Rito 1 Saudade André 1 1 Serviço de Anatomia Patológica, IPO Lisboa, Lisboa, Portugal

13:41-13:48 Nr. 148



Lymphocytes presence in cytological samples and histological subtype of papillary thyroid carcinoma

Fuochi B¹, Proietti A¹, Romani R¹, Sgro D², Latrofa F², Santini F², Ugolini C¹ ¹Pathology Unit, Department of Surgical, Medical, Molecular Pathology and Critical Area, University Hospital of Pisa, Italy ²Endocrinology Unit, Department of Clinical and Experimental Medicine, University of Pisa, Italy

13:48-13:55

Nr. 150

Value of lipofuscin and marginal vacuoles in the cytological diagnosis of benign thyroid follicular disease versus thyroid carcinomas.

José A., J. Heffernan, P. Muñoz Hernández, José C. Rodríguez, C. Gordillo, J. Aparicio, C. Bárcena, A. Rosell, L. Castillo, J. L. Muñoz De Nova, E. Pacios *Hospital Universitario de la Princesa, Madrid, Spain*

13:55-14:02

Nr. 152

Role of core needle biopsy in thyroid nodules diagnosis

A.P. Bueno¹, M. Pusztaszteri², G. Dall>Agnol¹, M. Hisatugu¹, M. Saieg² ¹Department of Anatomic Pathology, AC Camargo Cancer Center, São Paulo, Brazil ²Department of Pathology, McGill University, Montreal, QC, Canada

14:02-14:09

Nr.183

Molecular profiling of indeterminate thyroid nodules: findings from an institutional cohort.

V. Fiorentino¹, C. Pizzimenti², W. Giordano¹, G. Ricciardi¹, E. Germanà¹, M. Ballato¹, G. Giuffrè¹, M. Martini¹, G. Fadda¹, E. D. Rossi³.

¹Department of Human Pathology of Adult and Developmental Age "Gaetano Barresi", University of Messina, Italy. ²Pathology Unit, Papardo Hospital, Messina, Italy. ³Department of Anatomic Pathology, Foundation Policlinico Universitario "Agostino Gemelli" IRCCS, Catholic University, Italy.

14:09-14:16

Nr. 210

Cystic nodules of thyroid gland, histiocytoid cells and risk of papillary carcinoma: a case report

D. Trivigno, E. Papini, L. Turrini, R. Guglielmi, A. Crisanti Regina Apostolorum, Regina Apostolorum, Rome, Italy



BREAST, URINE **PROFERRED PAPERS PP08** Chair: Andrew Field, Australia Maria Nasioutziki, Greece

16:15-16:22

Nr. 054

Immunocytochemical expression of MUC1 on cellblocks from fine needle aspiration cytology of breast cancers

Ram Nawal Rao¹, Doleesmita Hazarika², Gyan Chand³

¹Department of Pathology, SGPGIMS, Lucknow, UP, India ²Department of Pathology , SGPGIMS, Lucknow, UP, India ³Department of Endocrine Surgery, SGPGIMS, Lucknow, UP, India

16:22-16:29

Nr. 099

Regional protocol for diagnosis of anaplastic large cell lymphoma in cases of periprosthetic seroma

G. Fantacci¹, C. Di Stefano¹, S. Lazzi², S. Cannistrà¹, S. Giunti¹, A. Mongia¹, V. Mancini², M. Granai², C. Sani¹

¹Regional Cancer Prevention Laboratory (LRPO), Institute for Cancer Research, Prevention and Clinical Network (ISPRO), Florence, Italy ²Anatomical Pathology Unit, Siena University Hospital, Siena, Italy

16:29-16:36 Nr. 102 Diagnostic accuracy of ultrasound findings and fine needle aspiration cytology of axillary lymph node in diagnosing metastatic breast cancer Najat AlDairi, Wasan AlRyami

Ministry of Health, Pathology, Muscat, Oman

16:36-16:43 Nr. 191



Performance of MammaTyper® in cytological, biopsy, and surgical breast cancer samples

Pinamonti M¹; Santon D¹; Bottin C²; Ober E¹; Rizzardi C¹; Di Lecce C^{1,3}; Zanconati F^{1,2,3}.

¹Azienda Sanitaria-Universitaria Giuliano-Isontina (ASUGI), Department of Pathology, Trieste (Italy)

²Department of Medical, Surgical and Health Sciencies, University of Trieste (Italy) ³School of Specialization of Pathology, University of Udine (Italy)

16:43-16:50

Nr. 208

URINE24: a novel approach for a suitable cytology cancer diagnosis

M. Botteghi¹, P. Giovenali², S. Carattoni³, S. Martinotti⁴, E. Toniato⁵, F. Puliti⁶, L. Martino⁷, N. Ahmed⁸, G. Gazzano⁹, F. Trisolini⁶

¹Università Politecnica delle Marche, Department of Clinical

and Molecular Sciences - Experimental Pathology Research Group, Ancona, Italy ²APOF, Associazione Patologi Oltre Frontiera, Milano, Italy APOF, Associazione Patologi Oltre Frontiera, Milano, Italy

³WorldConnex, R&D Dept., Dogana, San Marino

⁴Miulli General Hospital - LUM University, Unit of Clinical Pathology and Microbiology, Acquaviva delle Fonti, Italy

⁵G.d'Annunzio University, Department of Innovative Technology in Medicine and Dentistry, Chieti, Italy

⁶Hospitex International, Bioscience Dept., Sesto Fiorentino, Italy

⁷Pathoxphere, R&D dept., Bologna, Italy

⁸Addis Ababa Univresity - Black Lion Hospital, Pathology Dept., Addis Ababa, Ethiopia ⁹Istituto Auxologico Italiano IRCCS, Pathology Unit, Milano, Italy



LUNG

PROFERRED PAPERS PP09

Chair: Joerg Schwock, Canada Danijela Vrdoljak-Mozetic, Croatia

08:00-08:07 Nr. 008

Accuracy of rapid on-site evaluation of fine needle aspirations in pulmonary lesions using shape sensing robotic-assisted bronchoscopy

Heather Chen-Yost¹, Yuhan Geng², Wei Hao², Spencer Kei³, Angela Sherman³, Jose De Cardenas^{3,4}, Judy Pang¹

¹Department of Pathology, Michigan Medicine, Ann Arbor, USA ²Department of Biostatistics, University of Michigan School of Public Health, Ann Arbor, USA ³Division of Pulmonary and Critical Care Medicine, Michigan Medicine, Ann Arbor, USA ⁴Section of Thoracic Surgery. Michigan Medicine, Ann Arbor, USA

08:07-08:14

Nr. 021

Analysis of intranuclear cytoplasmic inclusions in cytological specimens of lung adenocarcinoma

S. Kobayashi¹, M. Kameda¹, R. Kaneko¹, Y. Nishijima¹, T. Nagashima², Y. Ohtaki², H. Ikota³, H. Yokoo⁴, M. Saio¹

¹Laboratory of Histopathology and Cytopathology, Department of Laboratory Sciences, Gunma University Graduate School of Health Sciences, Japan

²Division of General Thoracic Surgery, Integrative Center of General Surgery, Gunma University Hospital, Japan

³Clinical Department of Pathology, Gunma University Hospital, Japan ⁴Department of Human Pathology, Gunma University Graduate School of Medicine, Japan

08:14-08:21 Nr. 085

Cytological features of a SMARCA4 deficient thoracic undifferentiated tumour. A report of metastasis to a lymph node Rubina Razack, Liezel Coetzee

Division of Anatomical Pathology, Tygerberg Hospital, National Health Laboratory Service, Faculty of Medicine and Health Sciences, Stellenbosch University, Cape Town, South Africa.

08:21-08:28 Nr. 094 Diagnostic utility of cell block in pleural and bronchial samples from clinically suspected cases of lung malignancies

Tummidi Santosh, Ananya NG, Sudip Ghosh, Rama Saha

Department of Pathology and Lab Medicine, AIIMS Kalyani

08:28-08:35 Nr. 106 **A rapid cellular pathological diagnostic model for NSCLC patients, from morphology to precise molecular detection**

Zhengwei Dong, Chunyan Wu

Shanghai Pulmonary Hospital, Shanghai pulmonary hospital/Tongji University/Pathology, Shanghai, China

08:35-08:42

Nr. 136

Cytomorphological features of SMARCA4-deficient thoracic tumors and non-small cell lung carcinomas

C. Aydin Mericoz, O. Akbulut, P. Bulutay, P. Firat

Koç University Hospital, Istanbul, Turkey

08:42-08:49 Nr. 149 Enteric-type adenocarcinoma of the thymus: a case report and review of the literature

G. Pereira¹, J. Cabeçadas¹ & J. Ferreira¹ ¹Instituto Português de Oncologia de Lisboa Francisco Gentil, Lisboa, Portugal

08:49-08:56 Nr. 154 Bronchial epithelial cells are a major challenge in EBUS-Guided transbronchial FNA adequacy assessment

Haijun (Steve) Zhou, Nancy Beltran, Marco Sanchez, and Dina Mody Department of Pathology and Genomic Medicine, Houston Methodist Hospital, Houston TX



08:56-09:03 Nr. 175 **Down the wrong pipe: low utility of lipid-laden macrophage index in pediatric bronchoalveolar lavage**

A. Huynh, A. Ly

Department of Pathology, Massachusetts General Hospital, Boston, MA, USA

09:03-09:10 Nr. 197 Enhancing the success of genetic mutation testing in lung cancer: the utility of ROSE on bronchoscopic specimens

M. Tachihara, Y. Suma, R. Tsukamoto, N. Takata, T. Fukui, A. Yatani, D. Hazama, N. Katsurada, N. Jimbo

Kobe University Hospital, Kobe, Japan Department of Respiratory Medicine, Department of Diagnostic Pathology

09:10-09:17 Nr. 203 Mediastinal lymph node staging by EBUS-TBNA: exploring specificity

J. Filipe¹, I. Linol, R. Coelho², L. Carreiro², M. J. Brito¹

¹Department of Anatomic Pathology, Champalimaud Clinical Center-Champalimaud Centre for the Unknown, Lisbon, Portugal ²Lung Unit, Champalimaud Clinical Center-Champalimaud Centre for the Unknown, Lisbon, Portugal

BEST E-POSTER

12:45-13:35 E-POSTER AREA A



BREAST Chair: **Philippe Viehl**, France

12:45-12:55 Nr. 070 **Fractal analysis: diagnostic role in breast cytopathology Jai Kumar Chaurasia**¹, Shakti Kumar Yadav¹, Vaishali Walke¹, Vijayshri Chaurasia², Deepti Joshi¹, E. Jayashankar¹, Ashwani Tandon¹, Vivek Patel², Neelkamal Kapoor¹

¹Department of Pathology & Lab Medicine, AIIMS Bhopal, India ²Department of Electronics & Communication Engineering, MANIT Bhopal, India

12:55-13:05

Nr. 114

The clinical significance of HDAC-1, HDAC-2, HDAC-4 and HDAC-6 expression in triple-negative breast carcinomas

M. Tsironikou¹, S. Theoharis², N. Kavatzas², E. Politi³

¹Cytopathology Department, 401 Military Hospital, Athens, Greece ²First Department of Pathology, Medical School, University of Athens, Greece ³Cytopathology Department, Medical School, University of Athens, Aretaieio Hospital, Athens, Greece

13:05-13:15

Nr. 163 Second look US/FNA in the breast oncology field - cytopathological analyses

T. Kawasaki^{1,2}, M. Fujisawa². K. Aita², H. Goto², Y. Seyama², H. Ogawa², M. Nishio², H. Tokumitsu ², R. Sugiura², H. Kodama²

¹Department of Pathology, Saitama Medical University International Medical Center, Hidaka

²Breast Center, Saitama Sekishinkai Hospital, Sayama, Japan

13:15-13:25 Nr.167



Neuroendocrine tumor of the breast showing invasive micropapillary pattern – cytological features

S. Kanno¹, T. Kawasaki^{1,3}, T. Tashima¹, Y. Hoshida², K. Taniyama², D. Taniyama², S. Ichihara², C. Muramatsu², A. Enomoto², T. Kondo³

¹Saitama Medical University International Medical Center, Hidaka

² National Hospital Organization, Tokyo

³ University of Yamanashi, Chuo, Japa

13:25-13:35

Nr. 195

Correlation between BI-RADS classification and cytological findings of breast lesions

Poojaba Umat, Hemina desai

Department of Pathology, Government medical college Bhavnagar,

Bhavnagar, Gujarat, India.

Department of Pathology, B. J. Medical college and civil hospital, asarwa ,Ahmedabad, Gujarat, India.

12:45-13:35 E-POSTER AREA B



GYNECOLOGICAL Chair: **Ritu Nayar**, USA

12:45-12:55 Nr. 082 Testing our python-based dashboard application for diagnostic and screening performance in cytology

I Kovács, B Járay

Eurofins-Medserv Ltd, Budapest, Hungary

12:55-13:05 Nr. 153 **Utility of Immunohistochemistry in Peritoneal Washings from Gynecologic Oncology Patients**

A.M. Cheriyan, M. Dibbern, K. Hanley, B. Griffin

Division of Cytology, Department of Pathology & Laboratory Medicine, Emory University Hospital, Atlanta, USA

13:05-13:15 Nr. 199 Concordance rate of unsatisfactory pap smear diagnoses by cytopathologists vs cytologists- a quality assurance study S. Neupane¹, M. Lahori², S.U. Baskota³

¹⁻³Department of Pathology and Laboratory Medicine, UC Davis Medical Center, Sacramento, California, USA

13:15-13:25 Nr. 206



Comparison of performance between Earlypap®

(self-sampling) and colposcopic cytobrush (clinician-sampling) for liquid-based cytology and Human papillomavirus testing in cervical cancer screening. Earlypap® (self-sampling) for cytology and HPV testing in cervical cancer screening

C.G. Woo^{1,2}, J.H. Choi¹, Y.J. Im¹, W.B. Im³, D.H. Yu³, S.Y. Kim³, M. K. Kim⁴, O.J. Lee^{1,2}

¹Chungbuk National University College of Medicine, Cheongju, Republic of Korea ²Department of Pathology, Chungbuk National University Hospital, Cheongju, Republic of Korea ³Biodyne Co., Ltd., Seoul, Republic of Korea ⁴Motaean Woman Hospital, Cheongju, Republic of Korea

13:25-13:35

Nr. 207

High intraobserver variability after implementing digital cervical cytopathology. A need for an extended training.

A.M. Gutierrez-Pecharroman^{1,2}, R. Granados^{1,2}, D.R. Lujan¹, J. Duarte^{1,2}, G. Marabe¹, N. Ruiz¹, T. Corrales¹, P. Bajo¹ y B. Carretero¹. ¹Pathology Department. Getafe University Hospital. ²European University.

12:45-13:35 E-POSTER AREA A



SOFT TISSUE - BONE- EFFUSIONS Chair: **Jerzy Klijanienko**, France

12:45-12:55 Nr. 012 Application of the international system for reporting serous fluid cytopathology in a single institution in Japan

S. Miyao¹, Y. Miyagi²

¹Department of Pathology Laboratory, Osaka Saiseikai Nakatsu Hospital, Osaka, Japan ²Department of Diagnostic Pathology, Osaka Saiseikai Nakatsu Hospital, Osaka, Japan

12:55-13:05 Nr. 020 **Cytomorphology, immunohistochemistry (IHC)** and molecular findings of SMARCB1/INI-1 deficient tumors

S.I. Sanchez, S.Z. Ali, Q.K. Li

Department of Pathology, The Johns Hopkins Hospital, Baltimore, Maryland, USA

13:05-13:15 No. 024 Intranuclear cytoplasmic inclusions in ovarian clear cell carcinoma in primary and ascites specimens

Yoshimi Nishijima, Sayaka Kobayashi, Masanao Saio

Laboratory of Histopathology and Cytopathology, Department of Laboratory Sciences, Gunma University Graduate School of Health Sciences, Maebashi, Japan

13:15-13:25 Nr. 073



Application of the International system for reporting serous fluids to ThinPrep pericardial effusions. A 14 years' retrospective study

Ch. Psachoulia, E. Mpota, N. Christodoulis, A. Athanasopoulou, D. Koumoundourou, P. Zili

Department of Pathology and Cytology, University Hospital of Patras, Greece

13:25-13:35

Nr. 121

Al-enhanced detection of atypical cells in serous fluid cytopathology using label-free imaging Chien-Chin Chen^{1,2,3,4}

¹Department of Pathology, Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi, Taiwan;

²Department of Cosmetic Science, Chia Nan University of Pharmacy and Science, Tainan, Taiwan;

³Doctoral Program in Translational Medicine, National Chung HsingUniversity, Taichung, Taiwan;

⁴Department of Biotechnology and Bioindustry Sciences, National Cheng Kung University, Tainan, Taiwan.

12:45-13:35 E-POSTER AREA B



LYMPH NODES-SPLEEN-THYMUS-LYMPHOMAS Chair: **Pio Zeppa**, Italy

12:45-12:55 Nr. 058 Factors affecting risk of malignancy in atypical/suspicious categories by the sydney system

K. Suesatsakun, S. Chowsilpa

Department of Pathology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

12:55-13:05 Nr. 075

BEST E-POSTER

134

Cyto-morphological and immunohistochemical characteristics of fluid overload-associated large B-cell lymphoma

Chia-Chi Wu¹, Chien-Chin Chen^{2,3,4}

¹Department of Pathology, National Taiwan University Hospital Hsin-Chu Branch, Hsinchu, Taiwan

²Department of Pathology, Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi, Taiwan

³ Department of Cosmetic Science, Chia Nan University of Pharmacy and Science, Tainan, Taiwan

⁴ Doctoral Program in Translational Medicine, National Chung Hsing University, Taichung, Taiwan.

13:05-13:15 Nr. 077



35

Real-world utility of AI models in prescreening lymph node fine needle aspiration flow cytometry: a comparative study

A. Zarineh

Department of Pathology, University Hospital, Rutgers University-NJ Medical School Newark, USA

13:15-13:25 Nr. 096 **Primary presentation of large cell b-nhl in pericardial effusion Marina Pažur Biljana Jelić Puškarić**, Mia Sunjic Stakor,

Sandra Moslavac

University Hospital Merkur, Department of Pathology and Cytology, Zagreb, Croatia

13:25-13:35

Nr. 111

Fine-needle aspiration cytology diagnosis of thymoma: a case report L.A. De Nicola, V. Mancini, S. Lazzi, C. Bellan.

Institute of Pathology, Department of Medical Biotechnology, University of Siena, Siena, Italy

12:45-13:35 E-POSTER AREA A



LUNG

Chair: Mauro Saieg, Brasil

12:45-12:55 Nr. 029 Risk stratification of Endobronchial Ultrasound-guided Transbronchial Needle Aspiration (EBUS-TBNA) samples by the WHO system for lung cytopathology

M. Rao, R. Sudharshan, P. Elhence, A Nalwa, S. Khera, D. Vedant, V. Vishwajeet, D. Aggarwal, V. Verma

Department of Pathology & Lab Medicine, All India Institute of Medical Sciences (AIIMS), Jodhpur, Rajasthan, India

12:55-13:05 Nr. 047 ALK testing in non-small cell lung carcinoma cytological specimens S. Gabric, N. Hajdinjak, J. Oman, D. Kastelan,

T. Zakotnik, M. Rot, I. Kern Laboratory for cytology and pathology, University Clinic Golnik, Slovenia

13:05-13:15 Nr. 063 Diagnostic yield of lung biopsies with and without rapid on-site evaluation in a tertiary hospital

C. V. Mirhan¹, D. T. Argamosa², M. A. Encinas-Latoy², J. C. Reyes¹

¹Department of Laboratories, Philippine General Hospital, University of the Philippines, Manila, Philippines

²Department of Pathology, College of Medicine, University of the Philippines, Manila, Philippines

13:15-13:25 Nr. 067 **Automating tumour cellularity estimates**



Automating tumour cellularity estimates on cell block for molecular profiling of lung adenocarcinoma

L.Y. Khor, B.Z. Tong, J.W.K Ng, Z.T.Zhao, T.K.Y Tay, S.Y. Heng, K.L. Lim

Department of Anatomical Pathology, Division of Pathology, Singapore General Hospital, Academia

13:25-13:35 Nr. 083 Maximizing the utility of lung fine needle aspirates for molecular testing: value of cell blocks and corresponding supernatants

Liezel Coetzee, Meagan Louw, Johann W Schneider, Micheline Sanderson

National Health Laboratory Service, Tygerberg hospital/University of Stellenbosch/ Anatomical Pathology, Cape Town, South Africa

12:45-13:35 E-POSTER AREA B



THYROID/SALIVARY GLAND Chair: **Gary Tse**, Hong Kong

12:45-12:55 Nr. 035 **Cyto-histologic correlation of thyroid FNAC cases diagnosed as AUS/FLUS, with evaluation of risk of malignancy**

C.J. Ong¹, K.L. Lim¹, S. Mantoo¹

¹Department of Anatomical Pathology, Singapore General Hospital, Singapore

12:55-13:05 Nr. 041 **Cytohistologic correlation of AUS' thyroid FNA: a five-year retrospective study.**

A. Athanasopoulou, P. Zili, M. Gkermpesi, Ch. Chondrogianni, Ch. Psachoulia.

Department of Pathology and Cytology, University Hospital of Patras, Greece.

13:05-13:15 Nr. 048 Diagnostic utility and risk of malignancy with repeat fine-needle aspiration of initially non-diagnostic lesions

Maria F. Arisi¹, Zubair Baloch¹

¹Department of Pathology, Hospital of the University of Pennsylvania, Philadelphia, USA

13:15-13:25 Nr. 062



The role of ancillary testing in the milan system for reporting salivary gland cytology

A. Kawahara¹, R. Makino¹, H. Abe¹, T. Kumagae¹, T. Shioga², M. Tanikawa², Y. Naito³, T. Ono⁴, H. Kusano¹, J. Akiba²

¹Department of Diagnostic Pathology, Kurume University Hospital, Kurume, Japan ²Department of Pathology, Kurume University School of Medicine, Kurume, Japan ³Department of Clinical Laboratory Medicine, Kurume University Hospital, Kurume, Japan ⁴Department of Otolaryngology, Head and Neck Surgery, Kurume University School of Medicine, Kurume, Japan

13:25-13:35 Nr. 120 SUMP lesions in salivary gland FNAs: histologic correlation

S. Pedrosa¹, J. Almeida¹, H. Barroca¹

¹Department of Pathology, Unidade Local de Saúde de São João, Porto, Portugal



E-POSTER

E-POSTER

No. 001

Cytologic characteristics and mimics of secretory carcinoma of the salivary grand

K. Higuchi¹, A. Kawahara², K. Tsuha³, Y. Hirata⁴, Y. Kato⁵, Y. Chibana⁶, N. Wada⁷, M. Urano⁸, T. Nagao⁹

¹Department of Diagnostic Pathology, Okinawa Kyodo Hospital, Naha, Japan; ²Department of Diagnostic Pathology, Kurume University Hospital, Kurume, Japan; ³Department of Pathology, University of the Ryukyus Hospital, Okinawa, Japan; ⁴Department of Diagnostic Pathology Kobe University Hospital ⁵Department of Clinical Laboratory, Hyogo Cancer Center, Akashi, Japan; ⁶Department of Clinical Laboratory, Okinawa Chubu Hospital, Uruma, Japan;

⁷Department of Pathology and Oncology, Graduate School of Medicine, University of the Ryukyus, Okinawa, Japan;

⁸Department of Diagnostic Pathology, Bantane Hospital, Fujita Health University, Nagoya, Japan;

⁹Department of Anatomic Pathology, Tokyo Medical University, Tokyo, Japan;

No. 002

Metastatic squamous cell carcinoma diagnosed by body fluid cytology: a clinicopathologic and cytomorphologic study of 13 cases. Metastatic squamous cell carcinoma in effusion cytology

J.S. Lee, N.I. Kim

Department of Pathology, Chonnam National University Medical School, Gwangju, Korea

No. 007

Evaluating staining quality in gynaecological cytology: insights from a comparative study of progressive and regressive staining methods

A. Kaur, K.L. Soo

Department of Cytology, Pathology and Clinical Laboratory, Singapore

No. 011

Lymphoepithelial cyst of the salivary gland with application of the second edition of Milan System

Mitsuaki Ishida, Naoto Kohno, Yoshinobu Hirose

Department of Pathology, Osaka Medical and Pharmaceutical University, Takatsuki City, Osaka, Japan.

No. 013 Detection of Lupus erythromatosus (LE) cells in ascites by cytological examination; unusual initial presentation of systemic lupus erythematosus: A case report laboratory view N.AB. Ibrahim

Unit of cytology, Department of Laboratory and blood bank, King Abdullah Medical City, Holly Makkah, KSA

No. 017

Cytological features of oncocytic pleomorphic adenoma of the salivary gland

Naoto Kohno, Mitsuaki Ishida, Yoshinobu Hirose

Department of Pathology, Osaka Medical and Pharmaceutical University, Osaka, Japan

No. 018

Cytological diagnosis of squamous cell atypia with an artificial intelligence algorithm

G. Fabra, F. Tresserra, C. Fernández-Cid, C. Gómez, M. Castella, O. Luque Cytology laboratory, Department of Obstetrics, Gynecology and Reproductive Medicine. Hospital Universitari Dexeus, Barcelona, Spain

No. 019

Distribution of TIRADS score in AUS thyroid nodules tested by Afirma GSC and managed by surgical-clinical follow-up

X. Jin¹, A. Pandya², M. Lew¹, B. Smola¹, W. Hao³, Y. Geng³, X. Jing¹ ¹Department of Pathology, University of Michigan, Ann Arbor, Michigan, USA ²Department of Radiology, University of Michigan, Ann Arbor, Michigan, USA ³Department of Biostatistics, University of Michigan, Ann Arbor, Michigan, USA

No. 022

Distinguishing the tall cell from other subtypes of PTC on FNA: a morphometric and cytological study

A.K. Adhya, S.S.James, M Sethy, S Purkait, P Mishra, M.N Sable, P Ayannar Dept. of Pathology & Lab. Medicine, All India Institute of Medical sciences, Bhubaneswar, India

No. 023

A single case of synchronous chronic myelomonocytic leukemia and diffuse b cell lymphoma- case report laboratory view

Alshikh A., N. Ab. Ibrahim

King Abdullah medical city, laboratory and blood bank depratment, saudi arabia

E-POSTER

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A retrospective multicenter study of bile cytology in Japan: possibility of improving diagnostic accuracy of bile cytology using liquid-based cytology

Y. Naito¹, A. Kawahara², T. Tokumitsu³, D. Nagayama⁴, R. Makino², E. Sadashima⁵, K. Nakamura⁶, T. Nagatomo⁷, C. Hayakawa⁸, K. Mizuguchi⁹

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Frist slovenian retrospective analysis of accuracy of cytopathological diagnosis of thyroid Nodules

Ž. Ledinek^{1,6}, L. Ivanovska^{2,5}, B. Perić³, K. Zaletel^{2,5},
 V. Kloboves-Prevodnik^{4,6}

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Utility of lung imprint cytology in infectious disease surveillance in forensic autopsies at kenyatta national hospital

W. O. Ochieng¹, E. O. Walong², J. R. Ndungu¹

¹University of Nairobi, College of Health Sciences ²Maseno University, School of Medicine

Nr. 064 Cytodiagnosis of follicular variant of acinic cell carcinoma of salivary gland: a rare case report

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¹Department of Pathology, King George's Medical University, Lucknow, India ²Department of Surgical Oncology, King George's Medical University, Lucknow, India

Nr. 065

A systematic review on the early detection of oral cancer using artificial intelligence and electronic tongue technology

Dr. Maryam, Dr. Rabail Khero, Dr. Iqra Ali, Prof. Dr. Uzma Zareef Liaquat College of Medicine and Dentistry, Department of Oral pathology, Karachi, Pakistan

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Cryptococcal meningitis in a pancreas transplant recipient: Case report

V. Anic¹, M. Stipetic¹, B. Jelic Puskaric^{1,2}, I. Kardum Skelin¹ ¹Department of Pathology and Cytology, Merkur University Hospital, Zagreb, Croatia; ²School of Medicine, Catholic University of Croatia, Zagreb, Croatia

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Hideyuki Abe¹, Akihiko Kawahara¹, Yoshiki Naito², Ryo Makino¹,Takato Kumagae¹, Yoshinao Kinjou³, Tarou Shioga³, Masahiko Tanigawa³, Hironori Kusano¹, Jun Akiba³

¹Department of Diagnostic Pathology, Kurume University Hospital, Kurume, Japan ²Clinical Laboratory Department, Kurume University Hospital, Kurume, Japan ³Department of Pathology, Kurume University School of Medicine, Kurume, Japan

Nr. 072 Cytohistologic correlation of biliary brushings during ERCP. A 5 years' experience

P. Zili, A. Athanasopoulou, E. Christodoulis, E. Mpota, E. Geropoulou, Ch. Psachoulia

Department of Pathology and Cytology, University Hospital of Patras, Greece

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Diagnostic utility of cell block in pleural and bronchial samples from clinically suspected cases of lung malignancies

Tummidi Santosh, Ananya NG, Sudip Ghosh, Rama Saha Department of Pathology and Lab Medicine, AIIMS Kalyani

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Reclassification of serous fluids: experience in our institution in Buenos Aires, Argentina

M. Occhionero, A. Rocher, C. Gimenez, F. Guerra, L. Palaoro, G. Mendeluk

Exfoliative Cytology Laboratory, Department of Clinical Biochemistry, INFIBIOC, University of Buenos Aires, Buenos Aires, Argentina

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S. Harabajsa^{1,2,3}, P. Gršković³, V. Begić⁴, S. Badovinac^{5,6}, M. Jakopović^{5,6}, S. Smojver-Ježek^{1,2,6}, P. Korać³

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Investigation into the supplementary diagnostic utility of CK20 and P53 immunocytochemical staining in urine cytology

Shurong He¹, Longteng Liu¹, Chenyang Li¹, Songtao Hu¹, Pengjie Wu², Dongge Liu¹

¹Department of Pathology, Beijing Hospital, National Center of Gerontology; Institute of Geriatric Medicine, Chinese Academy of Medical Science, Beijing 100730,China ²Department of urinary surgery, Beijing Hospital, National Center of Gerontology; Institute of Geriatric Medicine, Chinese Academy of Medical Science, Beijing 100730, China

Nr. 088 Utility of hematology analyzer (thin prep processor) in analysis of serous: detection of malignant cells in serous effusions

Anuradha Sekaran, Venkat Rao Guduru, Nageshwar Reddy Duvvur AIG Hospitals (A Unit of Asian Institute of Gastroenterology), Chief of Surgical Gastroenterology & Minimally Invasive Surgery, Hyderabad, India

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V.Belsito, F. Migliorati, M. Guaragni, L. Melocchi, M. Ungari Pathology Department, Fondazione Poliambulanza Hospital, Brescia, Italy

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Tummidi Santosh, Soutrik Sur, Gitismita Naik, Debanshu Ghosh, Santosh Kumar Mondal, Debraj Howlader Department of Pathology and Lab Medicine, AIIMS Kalyani

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Noninvasive biomarker of glomerular disease Urinary podocytes detected by liquid-based cytology and immunoenzyme staining

K. Takahashi¹, J. Sakane¹, K. Hirata¹, A. Nakamura², K. Yasuda³, K. Arai³, M. Suzuki³, H. Kitayama⁴, K. Nagai⁵, H. Ohsaki⁶

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Cytokeratin evaluation for cytological diagnosis in oral mucosal lesions K. Kawarada¹, T. Ochiai², Y. Miyamoto², H. Suwa³, M. Ehara², M. Nagayama²

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R.Fagulha¹, R. Roque^{1,2}, B. Ferreira², B.Lopes², R.Cardoso², M.Maia-Matos^{2,3}, A.Manhita¹, S. André¹

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Anamarija Kuhar¹, Simona Miceska¹, Veronika Kloboves Prevodnik^{1,2} ¹Department of Cytopathology, Institute of Oncology Ljubljana, Ljubljana, Slovenia ²Department of Pathology, University of Maribor, Maribor, Slovenia

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J.Viti¹, I.Paganini¹, O.Cutaia¹, A.Mongia¹, S.Bisanzi¹, G.Fantacci¹, C.Giachini¹, G.Pompeo, C. Di Stefano¹, C.Sani¹ ¹*LRPO, ISPRO, Florence, Italy*

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Department of Clinical Cytology, Department of Pathology Achillopouleion General Hospital, Volos, Greece

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M.L. Sacramento^{1,2}, M. Simplício^{1,2}, J. Lopes^{1,2}

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L.Ruivo^{1,2}, T.Oliveira¹, A.Gradil¹

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Rita Abi-Raad, Harsimar Kaur

Department of Pathology, Yale-New Haven Hospital, United States

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Shigeyuki Sugie¹, Takuji Tanaka^{1,2}, Hiroyuki Tomita³

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³Department of Tumor Pathology, Gifu University Graduate School of Medicine

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D. Cominetti¹, G. Finzi¹, R. Maragliano¹, M. Raso¹, S. Ronchi¹, S. La Rosa^{1,2} ¹Unit of Pathology, Azienda Socio Sanitaria Territoriale (ASST) dei Sette Laghi, Varese, Italy; ²Unit of Pathology, Department of Medicine and Technological Innovation, University of Insubria, Varese, Italy.

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Y. Obara¹, M. Fujioka¹, Y. Yoshida¹, A. Hashimoto¹, A. Hagiwara¹, K. Ikeda¹, M. Orita¹, Y. Tajika¹, K. Hirabayashi²

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M. Kumar¹, A. Mahmood, C. Srivastava²

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Shima Al Khuri¹, Bushra Al Hatrooshi²

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Cytological diagnosis of peritoneal tuberculosis in a child: case report

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E.Politi¹, D. Grapsa¹, M. Tsironikou¹, I. Papanikolaou², I. Zyli¹

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Department of Developmental and Regenerative Dentistry, The Nippon dental University, Tokyo, Japan

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E. Dvindenko¹, F. Santos¹, M.M. Lemos¹

¹Serviço de Anatomia Patológica, Instituto Português de Oncologia de Lisboa Francisco Gentil

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Yusuke Matsuura¹, Tomoko Kurita², Kiyoshi Yoshino²

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K. Haga, S. Maruyama, M. Yamazaki, T. Abé, J. Tanuma Division of Oral Pathology, Faculty of Dentistry & Graduate School of Medical and Dental Sciences, Niigata University, Chuo-ku, Japan

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Harsimar Kaur, Minhua Wang, Xi Wang, Xuchen Zhang, Guoping Cai Department of Pathology, Yale University School of Medicine, New Haven, Connecticut, USA

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Mahmud Baghırzade¹, Bahadur Abbasov², Masmalı Mustafayev², Jamal Musayev¹, Sabina Shahhuseynova²

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Yu-Deok Choi¹, Chang-Soo Park²

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K. Kanemoto¹, T. Kawasaki², S. Kanno², R. Sato¹, T. Yamazaki¹, Y. Ebihara¹, M. Hirasaki³, T. Muramatsu⁴, T. Tashima⁴, J. Ichikawa⁵ ¹Department of Head and Neck Surgery, Saitama Medical University International Medical Center, Hidaka ²Department of Pathology, Saitama Medical University International Medical Center, Hidaka ³Department of Clinical Cancer Genomics, Saitama Medical University International Medical Center, Hidaka ⁴Department of Gastroenterology, Saitama Medical University International Medical

Center, Hidaka ^sDepartment of Orthopedic Surgery, Interdisciplinary Graduate School of Medicine, University of Yamanashi, Chuo, Japan.

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J. Ichikawa¹, S. Kanno², T. Nakajima³, T. Torigoe⁴, T. Watanabe⁴, K. Ishii⁴, T. Asakura³, H. Nagai⁵, M. Saitoh¹, T. Kawasaki^{1, 2, 5}

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Suren Okdoo^{1,2}, Nyamjargal Baatarjalbuu², Tserenpel Baatarchuluun³, Tsolmon Otgonbaatar⁴, Nergui Jargalsaikhan⁴, Agiimaa Erdenebileg⁵, * Sayamaa Lkhagvadorj^{1,2}

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A.Vardouli, S. Charitidou, G. Tsiouma, P. Skoufogiannis, G. Kalodimos, G. Agnousiotis *Departments of clinical cytology, pathology and otorhinolaryngology*

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T. Comunello¹, Y. M. Gomes¹, G.O. Santos¹, W.A. Nunes¹, M. Saieg², A.P. Bueno¹

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A rare case report of a challenging cytological diagnosis: acinic cell carcinoma of parotid gland

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Cytologic primary diagnosis of a cervical carcinoma in endometrial fluid

V. Mamali¹, Z. Stamou², O. Letsa³, P. Kyriakoulopoulou⁴, P. Peristeropoulou¹, A. Koliou¹

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The mutations in the development of pancreatic ductal adenocarcinoma estimated from the cells obtained by endoscopic fine needle aspiration biopsies

Margareta Žlajpah, Damjana Cimerman, Ulrika Klopčič,

Margareta Strojan Fležar

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Cytological diagnosis of malignant mesothelioma (pleural fluid) in a young man **A.Koliou**¹,V.Mamali¹,D.Stamouli¹,P.Peristeropoulou¹

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Ludovica Pepe¹, Vincenzo Fiorentino¹, Mariausilia Franchina¹, Giuseppe Riganati¹, Marina Gloria Micali¹, Fernanda Russotto¹, Teresa Martorana¹, Ida Rizzuto¹, Angelica Cardile¹, Guido Fadda¹.

¹Department of Human Pathology of Adult and Developmental Age "Gaetano Barresi", University of Messina, Italy

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Ruhani Sardana, Darin Dolezal, Rita Abi-Raad, Adebowale Adeniran, Guoping Cai

Department of Pathology, Yale University School of Medicine, New Haven, Connecticut, USA

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Aruna Nambirajan, Shraddanjali Satapathi, Saad Salman, Rimlee Dutta, Prabhat Singh Malik, Deepali Jain

All India Institute of Medical Sciences, Pathology, New Delhi, India

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R. Sardana¹, M.L. Zhang¹

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Cedars-Sinai, Cedars-Sinai Medical Center, Los Angeles, USA

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K.L. Jones

Department of Anatomical Pathology, Northern Pathology Victoria, Northern Health, Victoria, Australia.

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Victorian Cytology Service, Melbourne, Australia

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Mega Lahori, Samkishya Neupane, Adyasha Padhi,

Swikrity U Baskota

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Glucagon-like peptide-1 analogue amyloidosis: novel or not? an institutional retrospective study

M.M. Hogan¹, C.Oriala¹, H.Wang¹, M. Compton¹, K.Ely¹

¹Vanderbilt University Medical Center, Department of Pathology, Microbiology & Immunology, Nashville, TN

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Pleural effusion as initial manifestation in a patient with non - CLL lymphoproliferative neoplasm

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Case report: malignant melanoma metastatic to the thyroid gland

M. Pappa, C. Georgiou-Pappas, K. Fragia, T. Tsilalis, I. Lamponikou, EM. Petropoulos. *Department of Cytology, Athens, Greece*

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Department of Cytology, Athens, Greece

Nr. 214 Science or social buzz: does your paper need followers? Report of the Cytopathology Journal SoMe Team"

C. Zioga¹, M. Kebe Radulovic², J. Musayev³, L. Wheeldon⁴, V. Manucha⁵, S. Satturwar6, J. Li⁷, P. Viehl⁸ ¹Aristotle University of Thessaloniki, Greece ²Institute of Pathology, University of Ljubljana, Slovenia ³Baku Pathology Center, Baku, Azerbaijan ⁴Royal Cornwall Hospitals NHS, Truro, UK ⁵University of Mississippi Medical Center, Jackson, MS, USA ⁶The Ohio State University, Columbus, OH, USA ⁷University of Hong Kong, Hong Kong ⁸American Hospital of Paris, France

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Maria Cunningham, Lakshmi Venkatraman, Simon Rajendran Belfast Health and Social Care Trust, Royal Victoria Hospital, Belfast, United Kingdom

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Thyroid atypical spindle cell/pleomorphic lipomatous tumor: a case report

D. Sundov¹, A. Pavlovic¹, R. Beljan Perak¹, J. Smolic²

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Evaluating the feasibility of PCR-based high-risk HPV testing on cytology samples from cystic lesions of the neck

Samuel Dhas, Simon Rajendran

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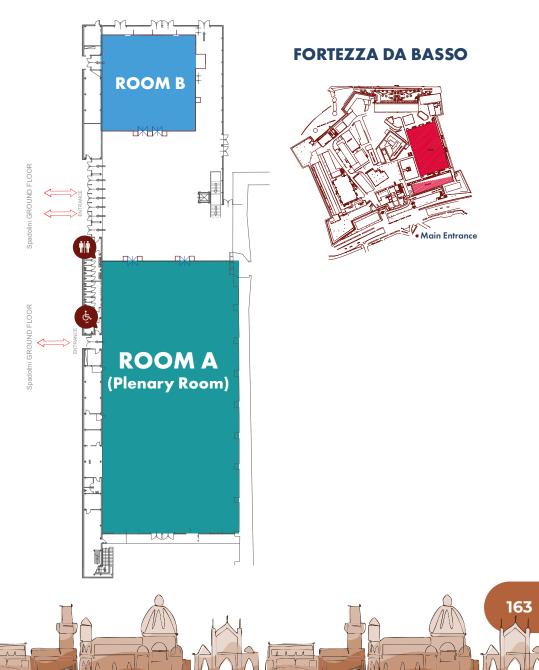
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Participation in scientific sessions, Box Lunch and Coffee Break where provided, certificate of participation, access to the exhibition area. (No refunds for registration fees).

THE DAY PASS INCLUDES:

Participation in one conference day, attendance certificate, and Box Lunch and Coffee Break where provided. (No refunds for Day Pass fees).

BADGE

Each registered participant will be issued a personalized badge, which must always be worn to access the conference areas. It is strictly forbidden to wear a badge that does not display one's own first and last name. The organizers disclaim any responsibility for failure to comply with this requirement.

CERTIFICATES OF PARTICIPATION

Certificates of participation will be sent by email to all registered participants at the end of each conference day. Please remember that you must register your entry and exit with the Secretariat staff in order to correctly receive the daily attendance certificate.

EXHIBITION

A Technical-Pharmaceutical and Scientific Publishing Exhibition has been set up in the conference area. Opening and closing times will follow the Secretariat's schedule.

CLOAKROOM

There is no cloakroom service available.

IMPORTANT NOTICE TURN OFF THE RINGER ON MOBILE PHONES

Participants are kindly asked to keep their mobile phones on silent mode in the rooms where scientific sessions are taking place.

NO SMOKING

Participants are kindly asked not to smoke in the conference and exhibition areas.

UPDATES & CHANGES

The Scientific Committee reserves the right to modify the conference program for technical or scientific reasons.

CONGRESS SECRETARIAT

The Siapec Services Secretariat will be open during the following hours: May 11th from 8:00am to 7:30pm May 12nd from 8:00am to 6:15pm May 13rd from 7:00am to 6:15pm May 14th from 8:00am to 06:15pm May 15th from 8:00am to 1:45pm

SLIDE CENTER

The Slide Center will be open during the following hours: May 11th from 8:00am to 7:00pm May 12nd from 8:00am to 6:00pm May 13rd from 8:00am to 6:15pm May 15th from 8:00am to 1:00pm

The Slide Center is equipped with PC stations to check your presentation. To facilitate uploading presentations, it is recommended to use a PenDrive or USB Hard Drive. Each speaker must sign the release form for their presentation directly at the Slide Center. All presentations will be transferred to the room computers for projection; therefore, it is NOT possible to use your personal laptop or devices in the conference rooms.

LUNCH AND COFFEE BREAK

May 11th

- Box Lunch
- 7:30pm 9:00pm: Get together Welcome cocktail

May 12nd

- 10:45am 11:15am : Coffee Break
- Box Lunch
- 3:45pm 4:15pm : Coffee Break

May 13rd

- 10:45am 11:15am : Coffee Break
- Box Lunch
- 3:45pm 4:15pm : Coffee Break

May 14th

- 10:45am 11:15am : Coffee Break
- Box Lunch
- 3:45pm 4:15pm : Coffee Break
- 8:00pm : Gala Dinner (only for who buy the ticket)

May 15th

- 10:45am – 11:15am : Coffee Break



By tram

The tramway is the ideal zero-emission transport to move around the city without worries. The congress and exhibition center is connected to the motorway through line T1, and to the airport through line T2.



Line T1

To the Fortezza da Basso | Stop – Fortezza Fiere e Congressi To Palazzo dei Congressi & Palazzo degli Affari | Stop – Valfonda – Stazione SMN



Line T2

To the Congress & Exhibition Center | Stop – Alamanni – Stazione



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 TI Leonardo tramway line: only 22 minutes ride away from Santa Maria Novella train station, at the very heart of Florence city centre

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