

**COMUNICAZIONI
ORALI**

PATOLOGIA MAMMARIA

Moderatori: C. Marchiò, A. Rizzo

08:30-08:39

ID 37

Molecular characterization of HER2 FISH “equivocal” breast cancer group by Mammatyper®

L. Schirosi¹, C. Saponaro¹, M. Sonnessa¹, R. D’Aprile¹, L. Scanniffo¹, M.I. Pastena¹, M.A. Botticella¹, A. Lozupone¹, C. Traversi¹, F.A. Zito¹

¹Unit of Anatomic Pathology, Department of Services, IRCCS Istituto Tumori “G. Paolo II”, Bari, Italy.

08:39-08:48

ID 54

Bland-looking spindle cell lesions of the breast on core-needle biopsy: morphological and immunohistochemical study of 48 cases

G.N. Rosano¹, S. Marletta², L. Salvatorelli¹, G.M. Vecchio¹, G. Broggi¹, G. Angelico³, A. Rizzo² and G. Magro¹

¹Department of Medical, Surgical Sciences and Advanced Technologies G.F. Ingrassia, Anatomic Pathology, University of Catania, Italy; ²Division of Pathology, Humanitas Istituto Clinico Catanese, Catania, Italy; ³Department of Medicine and Surgery, Kore University of Enna, Italy.

08:48-08:57

ID 72

Trop-2 expression in triple-negative breast cancer: finding the optimal testing strategy

M. Ivanova¹, G. Cursano^{1,2}, C. Frascarelli^{1,2}, E. Mane¹, A. Marra³, S. Santaguida^{2,4}, C. Criscitiello^{2,3}, G. Curigliano^{2,3}, E. Guerini-Rocco^{1,2}, N. Fusco^{1,2}

¹Division of Pathology, European Institute of Oncology IRCCS, Milan, Italy; ²Department of Oncology and Hemato-Oncology, University of Milan, Italy; ³Division of New Drugs and Early Drug Development for Innovative Therapies, European Institute of Oncology IRCCS, Milan, Italy; ⁴Department of Experimental Oncology, European Institute of Oncology IRCCS, Milan, Italy.



08:57-09:06

ID 75

Correlation between prognostic factors of breast cancer and results of Oncotype DX: what support for HER2/low?

G. Alecci¹, I. Amato¹, A. Quattrocchi¹, L. Castellana², L. Insalaco², M.R. Valerio², A.G. Giannone¹ and D. Cabibi¹

¹Anatomic Pathology Unit, PROMISE Department, University of Palermo, Italy;

²Oncology Unit, AUOP P. Giaccone, Palermo, Italy

09:06-09:15

ID 89

Focus on HER2-low breast cancer: analysis of Prosigna (PAM50) molecular data

A. Capozzi¹, S. Sfregola², D. Righi², G. Gullo^{1,2}, G Perrone^{1,2}

¹Research Unit of Anatomical Pathology, Department of Medicine and Surgery, Università Campus Bio-Medico di Roma, Via Alvaro del PorBillo, 21 - 00128 Roma, Italy

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09:15-09:24

ID 99

Germline BRCA2 pathogenic variant in metaplastic breast carcinoma with heterologous mesenchymal differentiation: the first case report.

S. Sina, A. Arduini, R. Polati, E. Manfrin

Section of Pathology, Department of Diagnostics and Public Health, University of Verona, Verona, Italy

09:24-09:33

ID 106

AI-assisted lymph node examination in breast cancer: the potential of ChatGPT for digital pathology

F. D'Aquila¹, S. Salzano¹, G. Tinnirello¹, J. Farina¹, G. La Cava¹, C. Colarossi², L. Memeo², G. Angelico³.

¹ Department of Medical, Surgical Sciences and Advanced Technologies "G.F. Ingrassia", Anatomic Pathology, University of Catania, Catania, Italy; ²Pathology Unit, Department of Experimental Oncology, Mediterranean Institute of Oncology, 95029 Catania, Italy; ³ Department of Medicine and Surgery, Kore University of Enna, 94100 Enna, Italy.



09:33-09:42

ID 119

B3 lesions of the breast and risk of breast cancer development: a single-center analysis on 1,045 cases.

M. Bertoli^{1,2}, M. Orsaria², A. Mangogna¹, C. Di Loreto^{1,2}, E. Pegolo²

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09:42-09:51

ID 125

Potential predictive biomarkers for response to immunotherapy in breast angiosarcoma.

D. De Bartolo¹, A. Di Mauro¹, R.A. Rega¹, M. Cerrone¹, O. Clemente², A. Gioioso¹, L. Cannella², A. De Chiara³, S. Tafuto², G. Ferrara¹

¹Pathology Unit, IRCCS - Fondazione G. Pascale, Na, Italy,

²Sarcomas and Rare Tumors Unit, IRCCS - Fondazione G. Pascale, Na, Italy,

³Histopathology of Lymphomas and Sarcomas SSD, IRCCS - Fondazione "G. Pascale", Na, Italy.

09:51-10:00

ID 130

Use of genomic test for hormone-responsive early-stage breast cancer Experience in ASUGI in the two-year period 2022-2023

M. Pinamonti¹, A. Giordan², E. Ober¹, C. Di Lecce^{1,3}, M. Pestrin⁴, A. Guglielmi⁴, A. Denaro⁴, F. Zanconati^{1,2,3}.

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PATOLOGIA MOLECOLARE

Moderatori: M. Barberis, M. Martini

08:30-08:39

ID 9

The intra-ampullary papillary-tubular neoplasms as a precursor lesion of ampullary cancers

M. Bevere^{1,2}, A. Mafficini^{1,2}, A. Scarpa^{1,2} and C. Luchini^{1,2}

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08:39-08:48

ID 39

Spatial transcriptomics approach to unveil the risk of recurrence of MSI intermediate risk stage II colon cancer

S. De Summa¹, C. Saponaro¹, F.A. Zito¹, D. Traversa¹, R. D'Aprile¹, A. Ricco¹, R. Fasano¹, R. Massafra¹, O. Brunetti¹, E. Mattioli¹

¹IRCCS-Istituto Tumori "Giovanni Paolo II", Bari, Italy

08:48-08:57

ID 57

A narrow NGS panel in the analysis of KRAS p.G12C mutation in longitudinal series of NSCLC patients: a pilot study

G. Russo¹, F. Pepe¹, C. Scimone¹, L. Palumbo¹, A. Listi², L. Righi², G. Troncone¹, F. Passiglia², S. Novello², U. Malapelle¹

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²Department of Oncology, University of Turin, San Luigi Hospital, Orbassano, TO, Italy

08:57-09:06

ID 58

Technical evaluation of multiomic NGS profiling in longitudinal series of plasma samples from p.G12C NSCLC patients

C. Scimone¹, F. Pepe¹, G. Russo¹, L. Palumbo¹, L. Righi², F. Passiglia², S. Novello², G. Troncone¹, U. Malapelle¹

¹Department of Public Health, University Federico II of Naples, Naples, Italy;

²Department of Oncology, University of Turin, San Luigi Hospital, Orbassano, TO, Italy.



09:06-09:15

ID 61

FGFR3 testing in a consecutive series of locally advanced and metastatic urothelial carcinomas

R. Bruno¹, P. Vignali², E. Macerola¹, A. Celi², M. Oliveri³, L. Galli³, C. Ugolini², G. Ali²
¹Pathological Anatomy, Hospital of Pisa, Italy; ²Department of Surgical, Medical, Molecular Pathology, Critical Area, University of Pisa, Italy; ³Oncology Unit 2, Hospital of Pisa, Italy

09:15-09:24

ID 63

The expression levels of the Hippo-TEADs network define two prognosis-related groups of epithelioid pleural mesothelioma

A. M. Poma¹, R. Bruno², I. Pietrini³, I. Di Stefano¹, S. Cappelli⁴, A. Chella⁴, G. Ali¹
¹Department of Surgical, Medical, Molecular Pathology and Critical Area, University of Pisa, Pisa, Italy
²Unit of Pathological Anatomy, University Hospital of Pisa, Pisa, Italy
³Department of Translational Research and of New Surgical and Medical Technologies, University of Pisa, Pisa, Italy
⁴Unit of Pneumology, University Hospital of Pisa, Pisa, Italy

09:24-09:33

ID 65

Pleural and peritoneal mesothelioma: comparison of gene expression profiling

R. Sparavelli¹, A.M. Poma¹, I. Di Stefano¹, P. Faviana¹, G. Ali¹, R. Bruno²
¹Department of Surgical, Medical and Molecular Pathology and Critical Care Medicine, University of Pisa, Italy; ²Unit of Pathological Anatomy, Hospital of Pisa, Italy

09:33-09:42

ID 82

Predictive markers for immunotherapy in colorectal cancer: role of comprehensive genome profiling.

G. Martinelli¹, R. Bruno², M.M. Germani³, A.M. Poma¹, C. Cremolini³, C. Ugolini¹
¹Department of Surgical, Medical, Molecular Pathology and Critical Area, University of Pisa, Italy; ²Unit of Pathological Anatomy, University Hospital of Pisa, Italy; ³Department of Translational Research and New Technologies in Medicine, University of Pisa, Italy



09:42-09:51

ID 101

FGFR2 testing in cholangiocarcinoma: FISH versus NGS

P. Vignali¹, R. Bruno², R. Sparavelli³, C. Vivaldi¹, V. Genovesi¹, F. Salani¹, M. Caccese¹, L. Fornaro⁴, C. Cremonini¹, C. Ugolini³.

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09:51-10:00

ID 134

If you snooze you lose: early assessment of BRCA mutation in metastatic prostate cancer improves number of patients suitable for PARP inhibitors target therapy

M. Vesco¹, L. Nibid¹, D. Righi¹, G. Sabarese¹, G. Perrone¹.

¹ Anatomical Pathology Operative Research Unit, Fondazione Policlinico Universitario Campus Bio-Medico, Rome, Italy.



MISCELLANEA 1

(Digital Pathology e Patologia sperimentale)

Moderatori: A. Caputo, F. Pagni

08:30-08:40

ID 17

Histochemical and molecular analysis in thymic carcinoma / B3 thymoma: differential diagnosis

S. Stanca¹, I. Di Stefano¹, V. Aprile², I. Petrini³, G. Ali¹

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² Unit of Thoracic Surgery, University Hospital of Pisa, Pisa, Italy; ³ Unit of Medical Oncology, Department of Translational Research and of New Surgical and Medical Technologies, University of Pisa, Pisa, Italy

08:40-08:50

ID 44

Enhancing urine cytology routine workflow with computer-assisted diagnosis

C. Ciaparrone¹, A. Caputo^{1,2}, E. Maffei¹, P. Zeppa^{1,2}

¹ Department of Pathology, University Hospital of Salerno, Salerno, Italy

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

08:50-09:00

ID 50

AI interpretation of Ki-67 in breast cancer; concordance and main pitfalls of Digital Pathology, Correlation between senior pathologist and Artificial Intelligence machine on the evaluation of Ki-67 score.

D. Fiorini¹, A. Dall'Acqua¹, S. Gobbo¹, V. Maffei², A. Nottegar¹.

¹ Department of Diagnostics and Public Health, Section of Pathology, University of Verona, Verona, Italy; ² Department of Pathology and Diagnostics, University and

Hospital Trust of Verona, Verona, Italy.



09:00-09:10

ID 59

AI for Detecting Tumor-Infiltrating Lymphocytes in Oral Carcinoma on H&E Stained WSI

A. Crispino¹, S. Varricchio¹, A. Esposito¹, E. Spera¹, A. Marfella¹, D. Cerbone¹, G. Ilardi¹, S. Staibano¹ and F. Merolla².

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²*Department of Medicine and Health Sciences "V. Tiberio", University of Molise, Campobasso, Italy.*

09:10-09:20

ID 66

Digital Pathology for Cardiac Amyloidosis: a Standard Pipeline

G. Cazzaniga¹, M. De Gaspari², V. L'Imperio¹, C. Beretta¹, A. Greco¹, Stefania Rizzo², Cristina Basso², Fabio Pagni¹

¹*Pathology Department, IRCCS Fondazione San Gerardo dei Tintori, University of Milano-Bicocca, Monza, Italy;* ²*Cardiovascular Pathology Unit, Azienda Ospedaliera, Department of Cardiac, Thoracic, and Vascular Sciences and Public Health, University of Padua, Padua, Italy*

09:20-09:30

ID 67

Real-time intraoperative detection of tunica muscularis in transurethral resection of bladder tumor (TURBT): a new technology to avoid second-look for low grade urothelial carcinoma.

M. Cieri¹, S. Moretto², R. Contieri², G. M. Elefante¹, L. M. Terracciano³, G. Lughezzani⁴, R. Hurle¹, N. Buffi² and P. Colombo^{1,3}

¹*Department of Anatomic Pathology, Humanitas Research Hospital, Rozzano, Italy*

²*Department of Urology, Humanitas Clinical and Research Institute IRCCS, Rozzano, Italy*

³*Department of Biomedical Sciences, Humanitas University, Pieve Emanuele, Milan, Italy*



09:30-09:40

ID 142

Deep-Learning based approach for prediction of response to immune-checkpoint inhibitors in NSCLC

L. Nibid¹, G. Salvolini¹, F. Citarella², A. Cortellini², B. Vincenzi², G. Perrone¹

¹Research Unit of Anatomical Pathology, Department of Medicine and Surgery, Università Campus Bio-Medico di Roma, Rome, Italy; ² Medical Oncology Operative Research Unit, Fondazione Policlinico Campus Bio-Medico, Rome, Italy

09:40-09:50

ID 145

Quality Control in Digital Pathology: effects of artifacts on AI-Based diagnostic accuracy

R. M. Di Crescenzo¹, A. Crispino¹, S. Varricchio¹, A. Esposito¹, D. Cerbone¹, G. Ilardi¹, S. Staibano¹ and F. Merolla²

¹Department of Advanced Biomedical Sciences, University of Naples "Federico II", Naples, Italy.

²Department of Medicine and Health Sciences "V. Tiberio", University of Molise, Campobasso, Italy.

09:50-10:00

ID 157

Digital Cytopathology: exploring cell-block performances for solid tumours

V. Bartolucci¹, C. Taffon^{1,2}, L. Nibid^{1,2}, R. Virgili¹, G. Perrone^{1,2}

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Universitario Campus Bio-Medico di Roma, Rome, Italy; ²Research Unit of

Anatomical Pathology, Department of Medicine and Surgery, Università Campus Bio-Medico di Roma, Rome, Italy



MISCELLANEA 2

(Patologia Pleuropolmonare e Patologia Cardiovascolare)

Moderatore: C. Giordano

08:30-08:40

ID 12

Lung cancer therapy: pilot study joining instant digital pathology and fast EGFR molecular profile.

V. Morano¹, G. Maricchiolo², S. Stigliano², L. Frasca³, D. Biasutto², P. Crucitti³, F. Maria Di Matteo² and A. Crescenzi^{4,1}

¹Endocrine Organs and Neuromuscular Pathology Unit, ²Operative Endoscopic Department, ³Thoracic Surgery Unit, Fondazione Policlinico Universitario Campus-Biomedico, Rome Italy

⁴Department of Radiological, Oncological and Pathological Sciences, Sapienza University Rome (Italy)

08:40-08:50

ID 18

cfDNA/RNA from metastatic pleural effusions (MPE) of NSCLC patients. Optimization of pre-analytical phase

S. Scarpino¹, A. Leone², D. Galafate¹, F. Pepe³, U. Malapelle³, L. Stanco¹, E. Giarnieri¹, C. De Vitis¹, A. Vecchione¹ and E. Piloizzi¹.

¹ Dept of Clinical and Molecular Medicine, Morphologic and Molecular Pathology Unit, St. Andrea Hospital, Sapienza University of Rome, Italy; ² Anatomic Pathology Unit, San Camillo-Forlanini Hospital, Rome, Italy; ³ Dept of Public Health University of Naples Federico II, Naples, Italy.

08:50-09:00

ID 34

Juvenile sudden cardiac death (JSCD) in three male subjects with micro-ebstein disease

G. De Biasi, E. Orlando, B. Belmonte, M. Midiri, R. Raspanti, D. Albano, E. Maresi
PROMISE DEPARTMENT – Palermo University



09:00-09:10

ID 38

Endobronchial Oncocytic Lipoadenoma of Salivary Gland Type: a challenging case.

C.Traversi, C. Saponaro, M.A. Botticella, G. Capotorto, F.A. Zito
IRCCS Istituto Tumori "Giovanni Paolo II", Bari, Italy.

09:10-09:20

ID 48

A study on CDKN2A homozygous deletion and MTAP loss in fluoroedeniteinduced pleural mesothelioma.

M. Failla¹, G. Broggi¹, T. Buzzanca¹, S. Poidomani¹, G. N. Rosano¹, C. C. Lin¹, R. Caltabiano¹.

¹*Department of Medical, Surgical Sciences and Advanced Technologies "G.F. Ingrassia", Anatomic Pathology, University of Catania, Catania 95123, Italy*

09:20-09:30

ID 81

Detection of micrometastases by OSNA assay in Stage I lung cancer: a pilot study

A. Celi¹, A. Proietti², I. Di Stefano¹, G. Romano³, C. C. Zirafa³, F. Calabrò³, S. Pelliccioni², C. Niccoli², F. Melfi³, G. Ali¹

¹*Surgical, Medical, Molecular and Critical Care Pathology Department, University of Pisa, Italy*

²*Unit of Pathological Anatomy, University Hospital of Pisa, Italy*

³*Minimally Invasive and Robotic Thoracic Surgery-Surgical, Medical, Molecular and Critical Care Pathology Department, University Hospital of Pisa, Italy*

09:30-09:40

ID 115

Histological diagnosis and grading of Malignant Mesothelioma.

T.M. Martorana¹, C. Pizzimenti¹, V. Fiorentino¹, F. Monaco², D. Familiari², A. Ieni¹, M. Martini¹, G. Tuccari¹, G. Fadda¹

¹*Department of Human Pathology, of the Adulthood and of the Developing Age. Section of Pathology.*

²*Department of Biomedical, Dental and Morphological and Functional Imaging, Thoracic Surgery Unit, University of Messina, Italy.*



09:40-09:50

ID 133

Impact of molecular diagnostics on patients with non-small cell lung cancer (NSCLC) Case study of the Anatomical Pathology of Trieste in the two-year period 2022-2023 (pleuropulmonary pathology)

C. Di Lecce^{1,4}, G. Bertagna², A. Guglielmi³, F. Martellani⁴, M. Pinamonti⁴, A. Zanutto^{1,4}, D. Santon⁴, S. Tomasi⁴, F. Variola⁴, F. Zanconati^{1,2,4}

¹ School of Specialization in Pathology, University of Udine (Trieste branch), Trieste, Italy;

² Department of Medical, Surgical and Health Sciences, University of Trieste, Trieste, Italy;

³ Department of Medical Oncology, Azienda Sanitaria-Universitaria Integrata Giuliano-Isontina (ASUGI), Trieste, Italy,

⁴ Department of Pathology, ASUGI, Trieste, Italy.

09:50-10:00

ID 156

Co-alteration of *MET* and *ALK* in non-small cell lung cancer: a single center experience

M.Cerrone¹, G. Pignata^{1,3}, R.A. Rega¹, A. Di Mauro¹, I. D'Arbitrio¹, N. Martucci², A. La Rocca², E. Mercadante², R. De Cecio¹ and G. Ferrara¹

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³ Section of Anatomic Pathology, Dept of Biomorphological and Functional Sciences, Federico II University, Naples, Italy



MISCELLANEA 3

(Patologia Apparato Digerente e Dermatopatologia)

Moderatori: M. Lentini, P. Parente

08:30-08:40

ID 8

Evaluation of the diagnostic utility of PRAME (Preferentially Expressed Antigen in Melanoma) in challenging melanocytic lesions

L. Tommasi¹, I. Ghini², S. Vaienti³, E. Munari¹, A. Scarpa¹, F. Facchetti⁴, S. Sina¹

¹ Section of Pathology, Department of Diagnostic and Public Health, University of Verona, Verona, Italy; ² Unit of Pathology, ASST Spedali Civili di Brescia, Brescia, Italy;

³ Section of Dermatology and Venerology, Department of Medicine, University of Verona, Verona, Italy; ⁴ Department of Pathology, University of Brescia, Brescia, Italy.

08:40-08:50

ID 10

Longitudinal histo-molecular characterization of a long survivor of intrahepatic cholangiocarcinoma for over 18 years

P. Mattiolo^{1#}, M. De Bellis^{2#}, A. Mafficini^{3,4#}, M. Fassan⁵, M. Bevere⁴, C. Ciulla¹, M. Milella³, A. Scarpa^{1,4#}, C. Luchini^{1,4*5}, A. Ruzzenente^{2#}

¹ Department of Diagnostics and Public Health, Section of Pathology, University of Verona, University and Hospital Trust of Verona, Verona, Italy

² Division of General and Hepato-Biliary Surgery, Department of Surgery, Dentistry, Gynecology, and Pediatrics, University of Verona, University and Hospital Trust of Verona, Verona, Italy

³ Department of Engineering for Innovation Medicine (DIMI), University of Verona, Verona, Italy.

⁴ ARC-Net Research Center, University of Verona, Verona, Italy

⁵ Department of Medicine (DIMED), Surgical Pathology & Cytopathology Unit, University of Padua, Padua, Italy; Veneto Institute of Oncology (IOV-IRCCS), Padua, Italy.

[#]Co-first authorship; ⁵Co-last authorship



08:50-09:00

ID 11

Innovation in pancreatic diagnostics using instant digital pathology and automated real time PCR.

G. Maricchiolo¹, V. Morano², S. Stigliano¹, F. M. Di Matteo¹ and A. Crescenzi³.

¹*Operative Endoscopic Department, Fondazione Policlinico Universitario Campus Bio- Medico, Rome, (Italy);*

²*Unit of Endocrine Organs and Neuromuscular Pathology, Fondazione Policlinico Universitario Campus Bio-Medico, Rome, (Italy);*

³*Department of Radiological, Oncological and Pathological Sciences, Sapienza University of Rome (Italy).*

09:00-09:10

ID 29

Histopathological revision of Deep Penetrating Nevus (DPN): is it always deep?

L. Di Silvestre, G. Alecci, S. D'Avenia, B. Belmonte, E. Formisano, A.M. Florena, E. Maresi, E. Orlando.

Department of Health Promotion, Mother and Child Care, Internal Medicine and Medical Specialties "G D'Alessandro", University of Palermo, Palermo, Italy.

09:10-09:20

ID 31

T-follicular helper immunophenotype in mycosis fungoides and Sézary syndrome: a clinic-pathologic analysis of 28 cases.

E. Berti^{1,2}, I. Aromolo¹, D. Micello², M. Zamprogno³, L. Venegoni¹, S. Alberti-Violetti^{1,3}, G. Alberto Croci^{1,4}

¹*Department of Pathophysiology and Transplantation, University of Milan, Milan, Italy*

²*Inter-Hospital Division of Pathology, Istituto di Ricovero e Cura a Carattere Scientifico (IRCCS) MultiMedica, Milan, Italy.*

³*Dermatology Unit, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy.*

⁴*Division of Pathology, Fondazione Istituto di Ricovero e Cura a Carattere Scientifico (IRCCS) Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy.*



09:20-09:30

ID 53

Paediatric melanocytic lesions: utility of an integrated -omic approach

F.Arienzo¹, C.Tancredi¹, S.Barresi¹, A.Stracuzzi¹, V.Alesi², S.Genovese², V.Costabile³, M.El Hachem⁴, R.Alaggio^{1,5}, S.Rossi¹

¹Pathology Unit, ²Laboratory of Medical Genetics, Translational Cytogenomics Research Unit, ³Unit of Microbiology and Diagnostics in Immunology, ⁴Dermatology Unit, Bambino Gesù Children's Hospital, IRCCS, Rome, Italy; ⁵Department of Medico-surgical Sciences and Biotechnologies, Sapienza University, Rome, Italy

09:30-09:40

ID 116

ETV6: SYK myeloid neoplasm with eosinophilia manifests as granuloma annulare-like histiocytosis

G.A. Croci^{1,2}; S. Tabano^{1,2}; C.A. Maronese³; A.V. Marzano^{2,3}; C. Bucelli⁴; A. Iurlo⁴

¹ Division of Pathology, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy, ² Department of Pathophysiology and Transplantation, Università degli Studi di Milano, Milan, Italy ³ Dermatology Unit, Foundation IRCCS Cà Granda Ospedale Maggiore Policlinico, Milan, Italy. ⁴ Hematology Division, Foundation IRCCS Cà Granda Ospedale Maggiore Policlinico, Milan, Italy.

09:40-09:50

ID 136

Clinical features of HER2 expression in metastatic colorectal cancer, a Machine Learning approach

L.Savino¹, V.Formica², C.Morelli², T.Cenci¹, N.Morelli¹, G.Rotondaro¹, M.Rofei², MV.Bonomo², G.Del Vecchio Blanco³, A.Orlandi¹

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09:50-10:00

ID 143

Indeterminate Cutaneous Dendritic Cell Tumor Concomitant with Chronic Myelomonocytic Leukemia

F. Folini¹, G. Di Stefano², R. Santi¹

¹Pathology Section, Department of Health Sciences, University of Florence, Florence, Italy
²Histopathology and Molecular Diagnostics, Careggi Teaching Hospital, Florence, Italy



EMATOPATOLOGIA

Moderatore: A. Di Napoli

17:30-17:39

ID 16

Spectrum of KSHV/HHV8 and ebv related lymphoproliferative disorders: challenges in the daily routine

M. Granai¹, S. Lazzi¹, M. Vannucchi¹, D. Ferrara¹, L. Bardhi¹, L. A. De Nicola¹, C. Bellan¹, L. Leoncini¹

17:39-17:48

ID 83

A rare second hematologic malignancy associated with Blastic Plasmacytoid Dendritic Cell Neoplasm

J. Farina¹, G. Tinnirello¹, T. Buzzanca¹, A. Romano², L. Villari³

¹ Department "G.F. Ingrassia", Anatomic Pathology, University of Catania, Catania, Italy; ² U.O.C. Ematologia, P.O. Policlinico "G.Rodolico", Catania, Italy; ³ U.O.C. Anatomic Pathology II, P.O. "San Marco", Catania, Italy.

17:48-17:57

ID 87

Di Guglielmo's heritage: on a case of myelodysplastic syndrome/neoplasm with excess blasts and erythroid predominance.

A. Bonometti¹

¹ Department of Biomedical Sciences, Humanitas University, Pieve Emanuele, Milan, Italy.



17:57-18:06

ID 96

TRK-driven histiocytosis of the respiratory tract: a potential diagnostic pitfall

E. Rullo¹, S. Barresi¹, I. Giovannoni¹, P. Francalanci¹, P. Bagolan², A. Crocoli³, S. Gaspari⁴, R. Alaggio¹

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18:06-18:15

ID 139

Mantle cell lymphoma associated with an increased number of IgG4-positive plasma cells

C. Baraddi¹, F. Folini¹, L. Tinunin¹, G. Di Stefano², R. Santi¹

¹Pathology Section, Department of Health Sciences, University of Florence, Florence, Italy

²Histopathology and Molecular Diagnostics, Careggi Teaching Hospital, Florence, Italy

18:15-18:24

ID 141

A rare but not so rare disease, after all: report of four cases of adult T-cell leukemia/lymphoma

G. Di Stefano¹, C. Baraddi², F. Folini², L. Tinunin², R. Santi²

¹Histopathology and Molecular Diagnostics, Careggi Teaching Hospital, Florence, Italy

²Pathology Section, Department of Health Sciences, University of Florence, Florence, Italy



18:24-18:33

ID 155

Bcl2-positive follicular hyperplasia in pediatric tonsillitis: a potential diagnostic pitfall

F. Scarmozzino¹, M. Pizzi¹, L. Bonaldi², A. Carraro¹, E. Carraro³, L. Santoro¹, L. Mussolin³, A. Martines², M. Pillon³, A. P. Dei Tos¹

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³Pediatric Onco-Hematology Unit, University Hospital of Padova, Padua - Italy



NEUROPATOLOGIA

Moderatori: V. Barresi, F. Roncaroli

17:30-17:40

ID 14

Dual-specificity phosphatase 8-mediated modulation of MAPK pathway affects endothelial trans-differentiation process in glioblastoma stem-like cells

M. Martini¹, M. Buccarelli², G. Castellani², G. Ricciardi¹, E. Germanà¹, V. Fiorentino¹, G. Fadda¹, C. Pizzimenti¹, A. Ieni¹, L. Ricci-Vitiani²

¹Università di Messina, Dipartimento di Scienze Biomediche, Odontoiatriche e delle Immagini Morfologiche e Funzionali, Messina, Italia

²Istituto Superiore di Sanità, Department of Oncology and Molecular Medicine, Roma, Italia

17:40-17:50

ID 20

Homozygous deletion of CDKN2A/B in gliomas: comparison of immunohistochemistry for MTAP, FISH and NGS

S. Salzano¹, V. Barresi², M. Mazzucchelli¹, J. Farina¹, G. Magro¹, R. Caltabiano¹, G. Broggi¹

¹Department "G.F. Ingrassia", Anatomic Pathology, University of Catania, Catania, Italy;

²Department of Diagnostics and Public Health, University of Verona, Verona, Italy.

17:50-18:00

ID 24

A challenging case of an extremely rare primary intracranial neoplasm

S. Ammendola¹, G.K. Ricciardi², V. Barresi¹

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²Department of Diagnostics and Pathology, Section of Neuroradiology, Azienda Ospedaliera Universitaria Integrata di Verona



18:00-18:10

ID 26

Potential misdiagnosis due to PAX8 immunoreactivity in central nervous system hemangioblastomas

G. Tinnirello¹, J. Farina¹, S. Salzano¹, M. Mazzucchelli¹, G. Magro¹, V. Barresi², R. Caltabiano¹, G. Broggi¹

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18:10-18:20

ID 36

Cerebellar liponeurocytoma: a pathologic and molecular study on 3 cases including 1 recurrent tumor.

M. Mazzucchelli¹, M. Failla¹, F. Gianno², M. Antonelli², E. Miele³, R. Caltabiano¹, G. Broggi¹

¹ *Department G.F. Ingrassia, University of Catania, Italy;*

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³ *Ospedale Pediatrico Bambino Gesù, IRCCS, Rome, Italy.*

18:20-18:30

ID 98

Prognostic value of chromosome 1p deletion in atypical meningiomas

D. Mulone¹, G. Hernandez Gamero¹, S. Pedron¹, S. Alberti¹, G. Zanconato¹, M. Caffo², A. Mafficini¹, V. Barresi¹

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² *Dipartimento di Scienze biomediche, odontoiatriche e delle immagini morfologiche e funzionali, Università di Messina, Italy;*

³ *Dipartimento di Ingegneria per la medicina di innovazione, Università di Verona, Italy*



MISCELLANEA 4

(Patologia Endocrina, Patologia Pediatrica e
Patologia testa-collo)

Moderatori: F. Basolo, A. Crescenzi

17:30-17:40

ID 77

Primary adrenal epithelioid angiosarcoma (PAEA): report of two cases and systematic review of the literature

V. Guastafierro^{1,2}, M. Testa^{3,4}, G. Finzi⁴, S.L. Renne^{1,2}, S. Uccella^{1,2}

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³Department of Medicine and Technological Innovation, University of Insubria, Varese, Italy; ⁴Unit of Pathology, ASST Sette Laghi, Varese, Italy.

17:40-17:50

ID 79

Application of the international medullary thyroid carcinoma grading system: the Pisa's experience

L.Torregrossa¹, A. Matrone², A. Prete², R. Elisei², C. Ugolini¹

¹Dipartimento di Patologia Chirurgica, Medica, Molecolare e dell'Area Critica, Università di Pisa, Pisa, Italia;

²Dipartimento di Medicina Clinica e Sperimentale, Università di Pisa, Pisa, Italia.

17:50-18:00

ID 118

DICER1-variants in pediatric cancer.

I. Giovannoni, S. Barresi, C. Tancredi, A. Mastronuzzi, G.M. Milano, G. Ubertini, A. Cardoni, A. Stracuzzi, S. Rossi, R. Alaggio

Ospedale pediatrico Bambino Gesù, IRCCS, Unità di Anatomia Patologica, Roma, Italia



18:00-18:10

ID 120

Assessment of molecular predictive parameters in RAI-refractory papillary thyroid carcinoma

V. Fiorentino¹, C. Pizzimenti¹, L. Pepe¹, A. Cardile¹, W. Giordano², E. Germanà² G. Ricciardi², E. D. Rossi³, M. Martini¹, G. Fadda¹

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³ *Dept. of Anatomic Pathology and Histology, Foundation "Agostino Gemelli" IRCCS, Catholic University, Rome (Italy)*

18:10-18:20

ID 146

Hyoid Bone Chondrosarcoma: a diagnostic pitfall.

F. Grasso¹, A. Crispino¹, S. Troise², C. Mignogna¹, A. Romano², R. M. Di Crescenzo¹, S. Staibano¹

¹ *Department of Advanced Biomedical Sciences, Pathology Section, University "Federico II" of Naples, Italy.*

² *Department of Neurosciences, Reproductive and Odontostomatological Sciences, Maxillofacial Surgery Unit, University Federico II of Naples, Italy.*

18:20-18:30

ID 147

Conjunctival Tumours: The Role of Histology in a Biopsy Series From a Referral Centre

M. Rossetti¹⁻², S. Stanca¹⁻², F. Cresti³, F. Guido³, F. Genovesi Ebert³, A. Pucci²

¹ *Department of Surgical, Medical, Molecular Pathology and Critical Area, University of Pisa;* ² *Histopathology Department, Pisa University Hospital;* ³ *Department of Ophthalmic Surgery, Division of Ophthalmic Surgery, Pisa University Hospital; Pisa, Italy*



Miscellanea 5

(Patologia Feto-placentare e Patologia Ginecologica)

Moderatori: A. Santoro, V.G. Vellone

17:30-17:40

ID 30

Brain stem lesions in the sudden infant death syndrome (SIDS)

F. Cacioppo, E. Orlando, B. Belmonte, E. Formisano, E. Maresi.

PROMISE DEPARTMENT – Palermo University

17:40-17:50

ID 42

Fetal-onset extrarenal rhabdoid tumor with placental metastases: a case report

A. Mangogna¹, A. Tullisso², P. Visentin¹, A. Franzoni³, D. Fabbro³, E. Betto³, J. Zucco³, F. Faletra³, M. Orsaria²

¹*Department of Medicine, University of Udine, Udine, Italy;*

²*Institute of Pathological Anatomy, "S. Maria della Misericordia" University Hospital, Azienda Sanitaria Universitaria Friuli Centrale (ASUFC), Udine, Italy;* ³*Institute of Medical Genetics, "S. Maria della Misericordia" University Hospital, ASUFC, Udine, Italy.*

17:50-18:00

ID 51

Adenocarcinoma arising in chondroid syringoma of vulva: the vulvar counterpart of malignant mixed tumor of the skin.

T. Buzzanca¹, G. Attanasio¹, S. Poidomani¹, S. Spadola², G. Magro¹, G. Angelico³.

¹*Department of Medical, Surgical Sciences and Advanced Technologies "G.F. Ingrassia", University of Catania, Catania, Italy;*

²*Pathology Unit, Cannizzaro Hospital, 95126 Catania, Italy;* ³*Department of Medicine and Surgery, Kore University of Enna, 94100 Enna, Italy.*



Miscellanea 6

(Citologia, Paleopatologia, Patologia Nefrologia, Urologia)

Moderatori: F. Pierconti, L. Ventura

17:30-17:40

ID 6

Victoria's cells: il linguaggio universale delle cellule.

V. Lombardo, S. Cartesio, F. Cianfrini, A. Pellegrini, G. Fadda.

ASP ME, UniCatt, SICi, UniMe

17:40-17:50

ID 28

ADAR2 and PD-L1 in BCG-treated urothelial bladder cancer in situ: new perspectives

L. Pepe¹, V. Fiorentino¹, C. Pizzimenti², M. Franchina¹, G. Riganati¹, M. G. Micali¹, F. Russotto¹, G. Tuccari¹, G. Fadda¹, M. Martini¹

¹Department of Human Pathology of Adult and Developmental Age "Gaetano Barresi", University of Messina, Italy. ² Pathology Unit, Papardo Hospital, 98158 Messina, Italy.

17:50-18:00

ID 47

C4d deposition in IgA nephropathy: a single-center retrospective study

R. Del Sordo¹, C. Covarelli¹, R. Sciri², F.G. Solano², V. Zugarini¹, C. Floridi¹, M. Mandarano¹, G. Bellezza¹, A. Sidoni¹

¹Section of Anatomic Pathology and Histology, Department of Medicine and Surgery, University of Perugia, Italy; ²Nephrology Department, Perugia Hospital, Italy

18:00-18:10

ID 74

Interobserver agreement in PDL1 evaluation on cytological samples: a multi-institutional international study

G. Acanfora¹, A. Iaccarino¹, B. Cerbelli², C. Di Cristofaro², G. Troncone¹, E. Vigliar¹

¹Department of Public Health, University of Naples "Federico II", Naples, Italy

²Department of Medico-Surgical Sciences and Biotechnology, Sapienza University, Roma, Italy



18:10-18:20

ID 103

Chemical analysis of liquids of ancient wet specimens highlights their historical value.

L.Ferrari¹, S.Micalizio², M. Ginepro³, A.Bargoni⁴, M.Papotti²

¹*Pathology Unit, Cardinal Massaia Hospital, Asti, Italy;*

²*Department of Oncology, Pathology Unit, University of Turin, Turin, Italy;*

³*Department of Chemistry, University of Turin, Turin, Italy;*

⁴*Department of Surgical Sciences, History of Medicine, University of Turin, Turin, Italy.*

18:20-18:30

ID 151

Fine-needle aspiration cytology and core needle biopsy in the same setting for diagnosing hepatic lesions

V. Ciliberti¹, E. Maffei¹, P. Zeppa¹, C. Ciaparrone¹, A. Caputo¹

¹*Unit of Anatomic Pathology, Azienda Ospedaliera Universitaria San Giovanni di Dio e Ruggi d'Aragona, University of Salerno, Italy.*

