

COMUNICAZIONI ORALI

Ore 15.00 - 16.30 | MISCELLANEA 1

Moderatore: **D. Russo****PATOLOGIA MAMMARIA****15.00-15.10**

ID 1011

Prosigna-pam-50 molecular subtyping versus the immunophenotypical classification in breast cancer**M. Amato**¹, M. Accardo¹, A. Biasi¹, A. Ruggiero², F. Fiorentino², M. Orditura³, R. Franco¹, F. Zito Marino¹¹Pathology Unit, Department of Mental and Physical Health and Preventive Medicine, University of Campania "L. Vanvitelli", Naples, Italy.²Pathology Unit, S.M. delle Grazie Hospital, Naples, Italy.³Division of Medical Oncology, Department of Precision Medicine, University of Campania "L. Vanvitelli", Naples, Italy.**15.10-15.20**

ID 1017

Primary neuroendocrine neoplasms of the breast: a 5-year experience**Dello Spedale Venti M.**¹, Marletta S.^{1,2}, Cavallo E.¹, Leone G.¹, Tranchina M. G.¹, Rizzo A¹.¹Division of Pathology, Humanitas Cancer Center, Catania, Italy.²Department of Diagnostics and Public Health, Section of Pathology, University of Verona, Verona, Italy.**15.20-15.30**

ID 1021

An insight into breast cancer immunohistochemistry in the era of genomic profiling: core needle biopsy vs surgical specimen**A Capozzi**¹, S.M. Rossi¹, G. Perrone¹¹Unit of Pathology, Fondazione Policlinico Universitario Campus Bio-Medico, Via Alvaro del Portillo, 200, 00128 Roma, Italy**DERMATOPATOLOGIA****15.30-15.40**

ID 1034

Critical appraisal of cutaneous alk-positive fibro-histiocytic proliferations**E. Olmeda**¹, C. Pesca², F. Pagni³, D. Seminati³, L. Moneghini¹, U. Gianelli¹, G.A. Croci²¹S.C. Anatomia Patologica ASST Santi Paolo e Carlo, Presidio San Paolo, Milano, Italy²Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milano, Italy³Department of Medicine and Surgery, Pathology, IRCCS Fondazione San Gerardo dei Tintori, Monza, Italy

15.40-15.50

ID 1035

T-follicular helper phenotype in cutaneous lymphomas: a clinico-pathological analysis of 82 cases

E. Berti¹, I.F. Aromolo², S. Alberti Violetti^{1,2}, Venegoni L.², Zamprogo M.¹, D. Micello³, G.A. Croci¹

¹Fondazione IRCCS Ca' Granda-Ospedale Maggiore Policlinico, Milan, Italy, ²Department of Pathophysiology and Transplantation, University of Milan, Milan, Italy; ³Inter-Hospital Pathology Division, IRCCS MultiMedica, Milan, Italy;

15.50-16.00

ID 1044

Primary cutaneous epidermotropic, cytotoxic, alk-positive t-cell lymphoma

G. A. Croci, E Berti

Divisions of Pathology and Dermatology, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan

16.00-16.10

ID 1002

The cell-of-origin in primary cutaneous large b-cell lymphomas: ihc vs gene expression profiling.

S. Luca¹, P. Vitiello², M. Amato¹, F. Zito Marino¹, R. Franco¹, A. Ronchi¹

¹Pathology Unit, Department of Mental Health, Physic and Preventive Medicine University of Campania "Luigi Vanvitelli", Naples, Italy; ²Dermatology Unit, University of Campania "Luigi Vanvitelli", Naples, Italy.

16.10-16.30

DISCUSSIONE

Ore 16.30 - 18.00 | MISCELLANEA 2

Moderatori: S. Lazzi, M. Mascolo

EMATOPATOLOGIA**16.30-16.40**

ID 949

Real-time morphological evaluation and tigit checkpoint assessment in patients with multiple myeloma**P.Schiaroli¹**, M. Verri^{2,3}, O. Annibali¹, M. Tafuri¹, V. Tomarchio¹, M. Di Cecca¹, L. Rigacci¹, A. Crescenzi², A. Bianchi²¹*Haematology Unit, Fondazione Policlinico Universitario Campus Bio-medico, Rome, Italy*²*Pathology of endocrine organs and neuromuscular pathology Unit, Fondazione Policlinico Universitario Campus Bio-medico, Rome, Italy*³*Department of Science, University of Roma Tre, Rome, Italy***16.40-16.50**

ID 957

Multicentric castleman disease with splenic presentation: report of two cases and literature review**V. Guastafierro^{1,2}**, D. Marchiori³, S. Fraticelli⁴, M. Paulli⁴, A. Bonometti^{1,2}, S. Uccella^{1,2}¹*Pathology Unit, Department of Biomedical Sciences, Humanitas University, Pieve Emanuele – Milan, Italy;*²*Pathology Service, Humanitas Clinical and Research Center - IRCCS, Rozzano – Milan, Italy;* ³*Pathology Unit, Department of Medicine and Surgery, University of Insubria, Varese, Italy;* ⁴*Unit of Anatomic Pathology, Department of Molecular Medicine, University of Pavia, IRCCS San Matteo Hospital Foundation, Pavia, Italy.***16.50-17.00**

ID 993

New insight in blastic plasmacytoid dendritic cell neoplasm relationship with clonal hematopoiesis**M. Vannucchi¹**, M.C. Siciliano¹, D. Ferrara¹, N. Leone¹, G. Rotunno², L. Signori², P. Guglielmelli², S. Lazzi¹, C. Bellan¹, L. Leoncini¹.¹*Section of Pathology, Dep. of Medical Biotechnology, University of Siena;* ²*CRIMM, AOU Careggi, Firenze***17.00-17.10**

ID 1023

Large b-cell lymphoma with irf4 rearrangement: a multicentric study on 11 cases**F. Scarmozzino¹**, M. Pizzi¹, L. Bongiovanni², L. Lorenzi³, S. Righi⁴, P. Balzarini³, C. Agostinelli⁴, M. Ponzoni², E. Sabattini^{4*}, A. P. Dei Tos^{1*}**co-last authorship**Surgical Pathology Unit, Department of Medicine-DIMED, University of Padua School of Medicine, Padua, Italy**Pathology Unit, San Raffaele Scientific Institute, Vita-Salute San Raffaele University, Milan, Italy**Section of Pathology, Department of Molecular and Translational Medicine, University of Brescia School of Medicine, Brescia, Italy**Hematopathology Unit, IRCCS Azienda Ospedaliero-Universitaria di Bologna, Bologna, Italy*

17.10-17.20

ID 1030

II-6 assessment in the microenvironment of various castleman disease subtypes

S. Fraticelli^{1,2}, M. Lucioni^{1,2}, G. Morello³, G. Neri¹, C. Cristinelli¹, E. Travaglino², M. Minetto¹, L. Arcaini^{1,4}, C. Tripodo^{3,5} and M. Paulli^{1,2}

¹Department of Molecular Medicine, University of Pavia, Pavia, Italy; ²Unit of Anatomic Pathology, IRCCS "S. Matteo" Foundation, Pavia, Italy; ³Tumor Immunology Unit, Department of Sciences for Health Promotion and Mother-Child Care "G.D'Alessandro", University of Palermo, Palermo, Italy; ⁴Division of Hematology, IRCCS "S. Matteo" Foundation, Pavia, Italy; ⁵Tumor and Microenvironment Histopathology Unit, The FIRC Institute of Molecular Oncology, IFOM, Milan, Italy

17.20-17.30

ID 1054

Morpho-phenotypic overlap in small-b-cell lymphomas: molecular characterization as a diagnostic tool

G. Di Stefano^{1,2}, M. Vannucchi², M. C. Siciliano², D. Ferrara², R. Santi³, S. Lazzi², C. Bellan², L. Leoncini²

¹Histopathology and Molecular Diagnostics, Careggi Teaching Hospital, Florence, Italy; ²Section of Pathology, Department of Medical Biotechnologies, University of Siena, Siena, Italy; ³Pathology Section, Department of Health Sciences, University of Florence, Florence, Italy

17.30-17.40

ID 1055

Hgcbl-11q: what the microenvironment tells us?

MC. Siciliano¹, S. Mazzara², S. Tornambè¹, MR. Sapienza², M. Vannucchi¹, F. R. Boccacci¹, D. Ferrara¹, S. Pileri², S. Lazzi¹, L. Leoncini¹

¹Dipartimento di Biotechnologie Mediche, Università di Siena, Siena, Italia; ²Istituto Europeo di Oncologia (IEO), Milano, Italia

17.40-18.00

DISCUSSIONE

Ore 09.00 - 10.30 | MISCELLANEA 3

Moderatori: **R. Alaggio, A. Franchi****PATOLOGIA PEDIATRICA****09.00-09.10**

ID 952

Clinicopathological features of neuroblastomas in adolescent and young adult**V. Parrella**^{1,2}, F. Lupo¹, G. Gaggero², B. Cafferata², K. Mazzocco², A. Sementa², S. Avanzini³, A. Garaventa⁴, M. Conte⁴, V. G. Vellone^{1,2}¹ Department of Integrated Surgical and Diagnostic Sciences (DISC), University of Genoa, Italy² Anatomic Pathology Unit, IRCCS Giannina Gaslini Institute, Genoa, Italy³ Department of Pediatric Surgery, Giannina Gaslini Institute, Genoa, Italy⁴ Oncology Unit, Giannina Gaslini Institute, Genoa, Italy.**09.10-09.20**

ID 959

Hirschprung's disease, a new diagnostic protocol, advantages and critical issues.**J.Ferro**¹, MG. Faticato², G. Mattioli^{2,3}, C. Trambaiolo Antonelli, E. Fulcheri, F. Buffelli, M. Ferraro, B. De Giovanni, VG. Vellone^{1,4}.¹ Pathology Unit, IRCCS Istituto Giannina Gaslini, Genoa, Italy.² Pediatric Surgery Unit, IRCCS Istituto Giannina Gaslini, Genoa, Italy.³ Pediatric Surgery, DINO GMI, Univeristà degli Studi di Genova, Genoa, Italy.⁴ Dipartimento di Scienze diagnostiche integrate, DISC, Univeristà degli Studi di Genova, Genoa, Italy.**09.20-09.30**

ID 1057

Pediatric small round blue cell tumors: immunohistochemical approach on small biopsy**S. Poidomani**¹, G. Attanasio¹, B. Morante¹, G.N. Rosano¹, J. Farina¹, G.M. Vecchio¹, L. Salvatorelli¹, G. Magro¹.¹ Department of Medical and Surgical Sciences and Advanced Technologies, G.F. Ingrassia, University of Catania, Catania, Italy.**TESSUTI MOLLI E DELL'OSSO****09.30-09.40**

ID 970

Solitary fibrous tumors with unusual morphologic features: a clinico-pathological series of 20 cases**M. Mazzucchelli**, S. Poidomani, F. D'Aquila, G. Angelico, T. Buzzanca, G. Magro

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



09.40-09.50

ID 975

A weird tfe3-rearranged cystic lesion of left seminal vesicle.

¹E. Merenda, ²B. Casini, ²E. Melucci, ²R. Covello, ¹F.M. Magliocca

¹Department of Radiological Sciences, Oncology and Pathology, Policlinico Umberto I, "Sapienza" University of Rome, Rome, Italy; ²Pathology, IRCCS Regina Elena National Cancer Institute, Rome, Italy.

09.50-10.00

ID 1004

Mammary and extra-mammary myofibroblastoma: a clinico-pathological study of 40 cases with emphasis on the most diagnostically challenging variants.

G. Attanasio¹, S. Poidomani¹, G. Tinnirello¹, F. Gibilisco¹, S. Salzano¹, G. Angelico¹, G. Magro¹.

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

10.00-10.10

ID 1026

The histological landscape of hemophilic synovitis

C. Pescia¹, R. Gualtierotti^{2,3}, M. Maggioni¹, U. Gianelli^{4,5}, S. M. Siboni³, L. P. Solimeno⁶, F. Peyvandj^{2,3}

¹Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Unit of Anatomic Pathology, Milan, Italy

²Università degli Studi di Milano, Department of Pathophysiology and Transplantation, Milan, Italy

³Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Angelo Bianchi Bonomi Hemophilia and Thrombosis Center, Milan, Italy

⁴Università degli Studi di Milano, Department of Health Sciences, Milan, Italy

⁵ASST Santi Paolo e Carlo, Anatomic Pathology Unit, Milan, Italy

⁶Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Division of Orthopaedic Surgery and Traumatology, Milan, Italy

10.10-10.30

DISCUSSIONE

Ore 11.00 - 12.30 | MISCELLANEA 4

Moderatori: **G. Ferrara, A. Eccher****DIGITAL PATHOLOGY****11.00-11.10**

ID 954

Artificial intelligence-based algorithms for the diagnosis of prostate cancer**S. Marletta**^{1,2}, A. Eccher³, F. M. Martelli¹, N. Santonico¹, A. Scarpa¹, F. Pagni⁴, V. L'Imperio⁴, L. Pantanowitz⁵, A. P. Dei Tos⁶, A. Parwani⁷.¹Department of Diagnostics and Public Health, Section of Pathology, University of Verona, Verona, Italy.²Division of Pathology, Humanitas Cancer Center, Catania, Italy.³Department of Pathology and Diagnostics, University and Hospital Trust of Verona, Verona, Italy.⁴Department of Medicine and Surgery, Pathology, University of Milano-Bicocca, IRCCS (Scientific Institute for Research, Hospitalization and Healthcare) Fondazione San Gerardo dei Tintori, Monza, Italy.⁵Department of Pathology, University of Pittsburgh, Pittsburgh, PA, USA.⁶Surgical Pathology & Cytopathology Unit, Department of Medicine - DIMED, University of Padua, Padua, Italy.⁷Departments of Pathology and Laboratory Medicine, Ohio State University Wexner Medical Center, Columbus, OH, USA.**11.10-11.20**

ID 971

The slide system: speaking labels for digital pathology environments.**E. Duregon**¹, G. Orlando¹, G. Capella¹, F. Maletta¹, V. Zambelli¹, M. Volante¹, M. Papotti¹.¹Department of Oncology, University of Turin, Torino, Italy**11.20-11.30**

ID 987

H&e-based evaluation of her2 status in breast cancer through a novel machine learning approach**C. Lupo**¹, N. Casatta¹, G. Gerard², G. Cervi², A. Polonia³, N. Fusco^{4,5}, G. Curigliano^{4,5} and C. Eloy³¹Innovation Department, Diapath SpA, Martinengo (BG), Italy; ²SORINT.tek, Grassobbio (BG), Italy; ³Institute of Molecular Pathology and Immunology of University of Porto (Ipatimup), Portugal; ⁴Department of Oncology and Hemato-Oncology (DIPO), University of Milan, Italy; ⁵European Institute of Oncology, IRCCS, Milan, Italy.

11.30-11.40

ID 996

Deep-pathomics to predict response to chemoradiotherapy in nscl

L. Nibid^{1,2}, G. Sabarese², C. Greco^{3,4}, E. Ippolito^{3,4}, C.Z. Liu⁵, M. Tortora³, R. Sicilia⁵, P. Soda^{5,6}, S. Ramella^{3,4}, G. Perrone^{1,2}

¹ *Research Unit of Anatomical Pathology, Department of Medicine and Surgery, Università Campus Bio-Medico di Roma, Rome, Italy*

² *Anatomical Pathology Operative Research Unit, Fondazione Policlinico Universitario Campus Bio-Medico, Rome, Italy*

³ *Radiation Oncology, Department of Medicine and Surgery, Università Campus Bio-Medico di Roma, Rome, Italy*

⁴ *Radiation Oncology, Fondazione Policlinico Universitario Campus Bio-Medico, Rome, Italy*

⁵ *Unit of Computer Systems and Bioinformatics, Department of Engineering, Università Campus Bio-Medico di Roma, Italy*

⁶ *Department of Radiation Sciences, Radiation Physics, Biomedical Engineering, Umeå University, Sweden*

PATOLOGIA SPERIMENTALE

11.40-11.50

ID 998

Applying bioelectricity (induced dc fields from 0.8 to 6.4 v/mm) during embryogenesis in chick embryo model: new perspectives in pediatric cardiac surgery

A. Capuani*, M. Nistri*, D. Pisani**, A. Poli***.

* *Private Organization Carrara Italy*; ** *OvoFecondo www.ovofecondo.it Carrara Italy*; *** *Department of Veterinary Sciences, University of Pisa Italy.*

11.50-12.00

ID 1049

Extramedullary hematopoietic alterations in beta-thalassemia parallel tumor-associated myelopoiesis

B. Belmonte¹, V. Cancila¹, G. Bertolazzi², A.M. Aprile³, G. Morello¹, S. Sangaletti⁴, M. Ponzoni⁵, G. Ferrari³, C. Tripodo¹

¹ *Tumor Immunology Unit, Department PROMISE, University of Palermo, Palermo, Italy*; ² *Department of Economics, Business, and Statistics, University of Palermo, Palermo, Italy*; ³ *San Raffaele Telethon Institute for Gene Therapy, Milan, Italy*; ⁴ *Molecular Immunology Unit, Department of Experimental Oncology, Fondazione IRCCS Istituto Nazionale dei Tumori, Milan, Italy*; ⁵ *Vita-Salute San Raffaele University, Milan, Italy*

12.00-12.10

ID 945

Considerations on chemical composition of psammoma bodies in serous ovarian cancer

A. Bianchi¹, M. Orsini², S. De Santis², M. Verri^{1,3}, A. Crescenzi¹

¹ *Pathology of endocrine organs and neuromuscular pathology Unit, Fondazione Policlinico Universitario Campus Bio-Medico, Rome, Italy*

² *Department of Industrial, Electronic and Mechanical Engineering, Roma Tre University, Rome, Italy*

³ *Department of Science, University Roma Tre, Italy*

12.10-12.30

DISCUSSIONE

Ore 11.00 - 12.30 | MISCELLANEA 5

Moderatore: **M. Barberis****UROLOGIA****11.00-11.10**

ID 977

Expression profiles of transcriptional regulators of neuroendocrine differentiation in prostate cancer**G. Vocino Trucco¹**, G. Farinea², F. Napoli², E. Bollito³, M. Papotti², C. Buttigliero², M. Volante²¹Department of Medical Sciences, University of Turin, Turin, Italy;²Department of Oncology, University of Turin, Orbassano, Turin, Italy;³Pathology Unit, San Luigi Hospital, Orbassano, Turin, Italy.**PATOLOGIA MOLECOLARE****11.10-11.20**

ID 979

Technical evaluation of in-house hrd testing strategies in hgsoc patients: an italian experience.**F. Pepe¹**, G. Russo¹, K. Venetis², N. Fusco^{2,3}, E. Guerini-Rocco^{2,3}, E. Rebellato⁴, G. Munari⁵, M. Fassan^{4,5}, U. Malapelle¹G., Troncone¹¹Department of Public Health, University Federico II of Naples, Naples, Italy.²Division of Pathology, IEO, European Institute of Oncology IRCCS Milan, Italy.³Department of Oncology and Hemato-Oncology, University of Milan, Milan, Italy.⁴Department of Medicine (DIMED), Surgical Pathology & Cytopathology Unit, University of Padua, Padova, Italy.⁵Istituto Oncologico Veneto IRCCS, Padova, Italy.**11.20-11.30**

ID 981

Evaluation of an ffpe-direct customized ngs assay in molecular testing of diagnostic samples.**F. Conticelli¹**, U. Malapelle¹, F. Pepe¹, P. Pisapia¹, C. De Luca¹, M. Russo¹, A. Di Ruocco¹, G. Troncone¹.¹Department of Public Health, University Federico II of Naples, Naples, Italy.**11.30-11.40**

ID 982

Evaluation of a new preservative medium for lbc cytology in molecular applications: a pilot study**C. De Luca¹**, F. Conticelli¹, A. Iaccarino¹, P. Pisapia¹, G. Gragnano¹, I. Bertone¹, G. Portella², L. Vallefucio², G. Troncone¹.¹Department of Public Health, University Federico II of Naples, Naples, Italy.²Translational medical sciences, University Federico II of Naples, Naples, Italy.

11.40-11.50

ID 1008

Integrating idylla tm alongside rt-pcr and ngs for investigating gene fusions in pleural effusions

S. Scarpino¹, G. Lopez¹, D. Galafate¹, A. Leone², U. Malapelle³, F. Pepe³, A. Di Napoli¹, E. Giarnieri¹, A. Vecchione¹ and E. Pillozzi¹

¹Morphological and Molecular Anatomic Pathology Sant'Andrea Hospital, Rome; Dept Clinical and Molecular Medicine Sapienza University of Rome; ²Anatomic Pathology Unit, San Camillo-Forlanini Hospitals, Rome;

³Department of Public Health University of Naples Federico II

11.50-12.00

ID 1038

Activating alterations in early-stage non-small cell lung cancer

R. Bruno¹, G. Ali¹, A. Lenzini², C. Zirafa², V. Aprile³, MC. Ambrogio³, E. Baldini⁴, M. Lucchi³, F. Melfi³, G. Fontanini³

¹Pathological Anatomy, Hospital of Pisa, Italy; ²Thoracic Surgery, Hospital of Pisa, Italy; ³Department of Surgical, Medical, Molecular Pathology, Critical Area, University of Pisa, Italy; ⁴Medical Oncology, Hospital of Lucca, Italy

12.00-12.10

ID 1056

Co-occurring genomic alterations in a series of non-small cell lung cancer (nscl)

V. Pasini¹, C. Marchi², S. von Borries³, C.E. Comin⁴

¹Department of Health Sciences, Pathology Section, University of Florence, Italy; ²Department of Experimental and Clinical Biomedical Sciences, University of Florence, Italy; ³Pathology Section, AOU Careggi, Florence, Italy;

⁴Department of Experimental and Clinical Medicine, University of Florence, Italy.

12.10-12.30

DISCUSSIONE

Ore 15.45 - 17.15 | MISCELLANEA 6

Moderatore: **G. Giuffrè****PATOLOGIA PLEUROPOLMONARE****15.45-15.55**

ID 948

Instant digital pathology immediate evaluation of ebus-tbna from mediastinal nodes and lung lesions**C. Taffon**¹, M. Verri^{1,2}, L. Frasca³, P. Crucitti³, S. Stigliano⁴, F.M. Di Matteo⁴, A. Crescenzi¹¹Pathology of endocrine organs and neuromuscular pathology Unit, Fondazione Policlinico Universitario Campus Bio-Medico, Rome, Italy²Department of Science, University Roma Tre, Italy³Unit of Thoracic Surgery, Fondazione Policlinico Universitario Campus Bio-Medico, Rome, Italy⁴Operative Endoscopic Department, Fondazione Policlinico Universitario Campus Bio-Medico, Rome, Italy**15.55-16.05**

ID 1042

Malignant pleural mesothelioma: a deeper look through comprehensive genomic approach to unravel novel mutations**C. Defraia**¹, M. Vannucchi¹, M.C. Siciliano¹, E. Bertaggia, F.P. Arcuri, A.L. De nicola, Ledi Bardhi¹, M. Barbarino, G. Ventrella, C. Bellan¹¹ Section of Pathology, Department of Medical Biotechnology, University of Siena, Siena, Italy**PATOLOGIA MOLECOLARE****16.05-16.15**

ID 961

The molecular landscape of pd-l1 positive advanced nscl patients**P. Pisapia**, F. Pepe, G. Russo, M. Nacchio, A. Iaccarino, C. De Luca, C. Bellevicine, E. Vigliar, U Malapelle, G. Troncone.

Department of Public Health, University of Naples Federico II, Naples, Italy.

16.15-16.25

ID 983

The role of reference standard specimens in nscl testing approach: an italian experience.**C. Scimone**¹, F. Pepe¹, G. Russo¹, A. Venuta¹, M. Nacchio¹, P. Pisapia¹, C. De Luca¹, L. Palumbo¹, U. Malapelle¹, G. Troncone¹¹Department of Public Health, University Federico II of Naples, Naples, Italy.

16.25-16.35

ID 990

Economic monitoring of the operational workflow of nscl molecular testing

D.Seminati¹, G.Casati¹, D.Pilla¹, C.Scalia¹, J.Ceku¹, F.Bono¹, V.L'Imperio¹, F.Pagni¹

¹Department of Medicine and Surgery, Pathology, Fondazione IRCCS San Gerardo dei Tintori, University of Milano-Bicocca, Monza, Italy

16.35-16.45

ID 1000

Nscl: impact of preanalytical variables on rna-based ngs evaluation

L. Andreotti¹, L. Nibid¹, G. Sabarese¹, B. Canalis¹, D. Righi¹, G. Perrone¹

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

16.45-16.55

ID 1007

Molecular characterization of non-small cell lung cancer: a monocentric study

M. Panozzi¹, G. Ali², R. Bruno², A.M. Poma¹, A. Proietti², F. Melfi³, M. Lucchi⁴, A. Chella⁵, G. Fontanini¹

¹Department of Surgical, Medical, Molecular Pathology and Critical Area, University of Pisa, Pisa, Italy; ²Unit of Pathological Anatomy, University Hospital of Pisa, Pisa, Italy; ³Multispecialty Centre for Surgery, Minimally Invasive and Robotic Thoracic Surgery, University Hospital of Pisa, Pisa, Italy; ⁴Unit of Thoracic Surgery, University Hospital of Pisa, Pisa, Italy; ⁵Unit of Pneumology, University Hospital of Pisa, Pisa, Italy;

16.55- 17.15

DISCUSSIONE

Ore 17.30 - 19.00 | MISCELLANEA 7

*Moderatore: M. R. D'Armiento***PALEOPATOLOGIA****17.30-17.40**

ID 992

Common diseases in middle age as told by friar jacobone da toti.**L. Ferrari¹**, F. Zampieri²*¹Division of Pathology Cardinal Massaia Hospital Asti; ²Unit of History of Medicine, Department of Cardiac, Thoracic, Vascular Sciences and Public Health, University of Padua***PATOLOGIA APPARATO DIGERENTE****17.40-17.50**

ID 973

Immunochemical-molecular features of colorectal carcinomas with enteroblastic differentiation**L. Panarese¹**, E. Martinelli², R. Addeo³, F. Pirozzi⁴, G. Fuschillo⁵, F. Cardella⁶, G. Zannini¹, M. Amato¹, A. Cioce¹, R. Franco¹.*¹Pathology Unit, Mental and Physical Health and Preventive Medicine Department, University of Campania "Luigi Vanvitelli", Naples, Italy; ²Medical Oncology, Department of Precision Medicine, University of Campania "Luigi Vanvitelli", Naples, Italy; ³Oncology Operative Unit, Hospital of Frattamaggiore, Frattamaggiore (NA), Italy; ⁴General Surgery Unit, Cardarelli Hospital, Naples, Italy; ⁵Department of Advanced Medical and Surgical Sciences, University of Campania "Luigi Vanvitelli", Naples, Italy; ⁶Oncologic Surgery Unit, Translational Medicine Department, University of Campania Luigi Vanvitelli, Naples, Italy.***17.50-18.00**

ID 1031

Morphological phenotypes of microvillous atrophy (ma): a histopathological revision**P. Cretella¹**, M. Cervasio¹, G. Bagaloni¹, A. Guarino² and M. D'Armiento³*¹Department of Advanced Biomedical Sciences, University of Naples Federico II, Naples, Italy**²Department of Translational Medical Sciences, University of Naples Federico II, Naples, Italy**³Department of Public Health, University of Naples Federico II, Naples, Italy*

PATOLOGIA MOLECOLARE

18.00-18.10

ID 937

Intestinal neuroendocrine tumors: transcriptome analysis identified three different molecular subgroups with potentially clinical implications.

P. Mattiolo¹, A. Gkoutakos¹, G. Centonze², M. Bevere¹, P. Piccoli¹, S. Ammendola¹, M. Milione², C. Luchini^{1,3}, A. Scarpa^{1,3}, M. Simbolo¹

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

² Pathology Unit 1, Pathology and Laboratory Department, Fondazione IRCCS Istituto Nazionale dei Tumori, Milano, Italy

³ ARC-Net Research Centre, University and Hospital Trust of Verona, Verona, Italy

18.10-18.20

ID 1028

Molecular characterization of patients with synchronous sporadic colorectal carcinomas

G. Ricciardi, E. Germanà, W. Giordano, E. La Rosa, R. Scarfi, M. Santaripa, C. Pizzimenti, V. Fiorentino, A. Ieni, G. Giuffrè
Department of Human Pathology in Adult and Developmental Age, University of Messina, Messina, Italy.

18.20-18.30

ID 1032

Gna15 signature supports early stages of the squamous subtype pancreatic ductal adenocarcinoma

G. Malpeli¹, T.M. Wilkie², R. Salvia³, L. Giacomello³, C. Bassi³, G. Innamorati³

¹Department of Human Science and Promotion of the Quality of Life, Università Telematica San Raffaele Roma, Rome, Italy;

²Pharmacology Department, UT Southwestern Medical Center, Dallas, TX, USA; ³Department of Surgical Sciences, Dentistry, Gynecology and Pediatrics, University of Verona, Verona, Italy.

18.30-18.40

ID 985

Met exon 14 skipping analysis in standard reference samples: a multicenter harmonization trial

G. Gragnano¹, P. Bironzo², F. Pepe¹, G. Russo¹, P. Pisapia¹, F. Pagni³, Iaccarino¹, S. Novello², U. Malapelle¹, G. Troncone¹

¹ Department of Public Health, University Federico II of Naples, 80131 Naples, Italy

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³ Department of Medicine and Surgery, ASST Monza, San Gerardo Hospital, University of Milano-Bicocca, Monza, Italy

18.40-19.00

DISCUSSIONE

Ore 09.00 - 10.30 | MISCELLANEA 8

*Moderatore: G. Fadda***CITOLOGIA****09.00-09.10**

ID 995

Liquid-based preparations in thyroid fine needle aspiration cytology**M. Franchina**¹, F. Russotto¹, M. G. Micali¹, L. Pepe¹, V. Fiorentino¹, C. Pizzimenti², G. B. Militi³, A. Ieni¹, M. Martini¹, G. Fadda¹.¹*Department of Human Pathology of Adult and Developmental Age "G. Barresi", University of Messina, Italy.*²*Department of Biomedical and Dental Sciences and Morphofunctional Imaging, University of Messina, Italy.*³*Department of Health Promotion, Mother and Child Care, Internal Medicine and Medical Specialties, Human Pathology Section, University of Palermo, Palermo, Italy.***09.10-09.20**

ID 1053

Malignant melanoma presenting as peritoneal effusion**Salatiello M.**¹, P. Pisapia¹, M. Nacchio¹, Vigliar E.¹, Troncone G.¹, Bellevicine C.¹¹*Anatomic Pathology, Department of Public Health, Università degli Studi di Napoli Federico II, Naples, Italy***PATOLOGIA ENDOCRINA****09.20-09.30**

ID 953

10 years of non-functioning pituitary neuroendocrine tumors (pit-nets) reviewed according to WHO ENDO5**F. de Napoli**, E. Giannini, F. Birtolo, B. Fernandes, G. Lasio, A. Lania, S. Uccella*Department of Biomedical Sciences, Humanitas University, Via Rita Levi Montalcini 4, 20072 Pieve Emanuele, Milan, Italy**IRCCS Humanitas Research Hospital, via Manzoni 56, 20089 Rozzano, Milan, Italy*

09.30-09.40

ID 989

The braf-axl-pd-I1 axis and intermediate-risk thyroid cancer radiometabolic therapy

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

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

²Department of Biomedical and Dental Sciences and Morphofunctional Imaging, University of Messina, Italy.

PATOLOGIA MOLECOLARE

09.40-09.50

ID 980

Molecular quality metrics in thyroid cytopathology: a multi-institutional study

M. Nacchio, D. Cozzolino, D. Di Giovanni, F. Pepe, G. Russo, C. De Luca, U. Malapelle, C. Bellevicine, G. Troncone

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

09.50-10.00

ID 986

A custom ngs gene panel for the detection of clinically relevant mutations on thyroid samples.

D. Cozzolino, M. Nacchio, D. Di Giovanni, R. Nappi, F. Pepe, G. Russo, C. De Luca, U. Malapelle,

C. Bellevicine, G. Troncone

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

10.00-10.10

ID 1041

Molecular differences in invasive and infiltrative follicular variant of papillary thyroid carcinoma

F. Signorini, R. Giannini, R. Sparavelli, F. Basolo, C. Ugolini

Department of Surgical, Medical, Molecular Pathology and Critical Area, University of Pisa, Italy

10.10-10.30

DISCUSSIONE

Ore 11.00 - 12.30 | MISCELLANEA 9

Moderatore: **M. Del Basso De Caro****NEUROPATOLOGIA****11.00-11.10**

ID 939

Expanding the spectrum of midline tumors with h3 k27 alterations: rosette-forming glioneuronal tumor**E. Marastoni¹**, S. Ammendola¹, S. Rossi², I. Giovannoni², A. Feletti³, G. Broggi⁴, A. Scarpa¹, V. Barresi¹¹Department of Diagnostics and Public Health, University of Verona, Verona, Italy; ²Unit of Anatomic Pathology, Ospedale Pediatrico Bambino Gesù, Roma, Italy; ³Department of Neurosciences, University of Verona, Verona, Italy;⁴Department of Medical and Surgical Sciences and Advanced Technologies, Pathological Anatomy section, University of Catania, Catania, Italy**11.10-11.20**

ID 941

Brain invasive otherwise benign atypical meningiomas have a lower recurrence risk.**D. Mulone¹**, A. Feletti², A. Scarpa¹, V. Barresi¹¹ Dipartimento di Diagnostica e Sanità pubblica, Università di Verona, Verona, Italy; ² Dipartimento di Neuroscienze, Università di Verona, Verona, Italy.**11.20-11.30**

ID 955

Diffuse gliomas with fgfr3-tacc3 fusion: a novel tumor type?**F.M. Martelli¹**, E. Marastoni¹, G. Pinna², A. Scarpa¹, V. Barresi¹¹ Department of Diagnostics and Public Health, University of Verona, Verona, Italy;² Unit of Neurosurgery, AOUI Verona, Verona, Italy**11.30-11.40**

ID 962

Brain metastases from breast cancer exhibit solid growth-pattern with comedonecrosis**J. Farina¹**, G. Angelico¹, G.M. Vecchio¹, L. Salvatorelli¹, G. Magro¹, L. Puzzo¹, S. Spadola², B. Morante¹, R. Calabiano¹, G. Broggi¹¹ Department "G.F. Ingrassia", Anatomic Pathology, University of Catania, Catania, Italy; ² Pathology Unit, Cannizzaro Hospital, Catania, Italy.

11.40-11.50

ID 988

Immunoexpression of the autophagic protein p62 in human intracranial meningiomas

C. Pizzimenti¹, V. Fiorentino², M. Franchina², A. Germanò¹, M. Martini², A. Ieni², G. Tuccari².

¹Department of Biomedical and Dental Sciences and Morphofunctional Imaging, University of Messina, Italy;

²Department of Human Pathology of Adult and Developmental Age "Gaetano Barresi", University of Messina, Italy.

PATOLOGIA TESTA-COLLO

11.50-12.00

ID 947

Instant digital pathology workflow for real time margins evaluation in endoscopic laryngeal surgery

V. Morano¹, M. Verri^{1,2}, L. De Benedetto³, A. Moffa³, C. Taffon¹, M. Casale³, A. Crescenzi¹.

¹Pathology of endocrine organs and neuromuscular pathology Unit, Fondazione Policlinico Universitario Campus Bio-Medico, Rome, Italy

²Department of Science, University Roma Tre, Italy

³Unit of Integrated Therapies in Otolaryngology, Fondazione Policlinico Universitario Campus Bio-Medico, Rome, Italy

12.00-12.10

ID 968

Immunoexpression of prame is a predictive factor of poor prognosis in uveal melanoma.

S. Salzano¹, G. Broggi¹, M. Failla¹, A. Russo², S. Staibano³, C.C. Lin¹, G.N. Rosano¹, J. Farina¹, G. Magro¹, R. Caltabiano¹.

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

²Department of Ophthalmology, University of Catania, Catania, Italy;

³Department of Advanced Biomedical Sciences, Pathology Section, University of Naples "Federico II", Naples, Italy.

12.10-12.30

DISCUSSIONE