

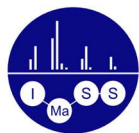
IMaSS
Italian Mass Spectrometry
Society



**Società
Chimica
Italiana**
Divisione di Spettrometria di Massa

2nd Italian MS-Imaging Symposium Event Schedule

March 5 th , 2026	
12:00-14:00	Registration
14:00-14:15	Welcome & Introduction Giuliana d'Ippolito, Paola Montoro, Alice Passoni
SESSION 1 14:15-16:00	Title: Multi-imaging and interfacing with other analytical methods
14:15-15:00	Invited Talk #1: Gregory Hamm (AstraZeneca, BioPharmaceuticals R&D) Mass Spectrometry Imaging Integration Within Spatial Biology: A Pharmaceutical Perspective
15:00-15:20	Oral #1: Vanna Denti (Proteomic and Metabolomic Unit, University of Milano-Bicocca) Exploring The Multi-Omic Landscape of Thyroid Nodules: A Retrospective Study
15:20-15:40	Sponsor Talk #1: Giulio Calza (Bruker Italia S.r.L.) Multiomics Analysis for Advanced Tumor Typing of Lung Cancer Using 116plex MALDI Hiplex-IHC And Released N-Glycans on the Neoflex
15:40-16:00	Oral #2: Nicole Monza (Proteomic and Metabolomic Unit, University of Milano-Bicocca) Spatial Multi-Omics Maldi-Msi Reveals Molecular Signatures Across Breast Cancer Subtypes
16:00-16:30	Coffee Break & Poster Session

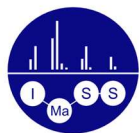


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SESSION 2 16:30-18:15	Title: Environmental, animal, plant applications and bioinformatics
16:30-17:15	Invited Talk #2: Roberto Angelini (Medical School, Swansea University) Imaging Cholesterol Metabolism in the Brain: Capabilities, Constraints, and Biological Interpretation
17:15-17:35	Oral #3: Riccardo Zecchi (Department of Neuroscience, University of Florence) Quantitative And Spatial Distribution of Hormones in Kiwifruits Buds
17:35-17:55	Sponsor Talk #2: Angelo Palmese (Waters Corporation) Desi MS-Imaging – High Mass And Image Resolution at Speed on a Bench Top Mass Spectrometer
17:55-18:15	Oral #4: Vasco Coehlo (Department of Informatics, University of Milano-Bicocca) Co-Registration of Mass Spectrometry and Optical Whole Slide Histology Images for Computational Pathology
18:15	Transfer from Centro Congressi UniNa to Via Partenope (c/o Hotel Royal Continental/Borgo Marinari)
20:30	Social Dinner at “Circolo della Vela”

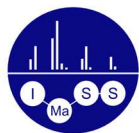


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8:30	Transfer from Via Partenope to Centro Congressi UniNa Monte Sant'Angelo
9:15	Presenting the International Mass Spectrometry Imaging Society (IMSIS) Liam McDonnell
SESSION 3 9:30-11:15	Title: Emerging and innovative technologies, platforms and applications
9:30-10:15	Invited Talk #3: Zoltan Takats (Department of Metabolism, Imperial College London) LA-REIMS: A Promise for Quantitative Imaging at Subcellular Resolution
10:15-10:35	Oral #5: Marcello Ziaco (Institute of Biomolecular Chemistry ICB, National Research Council CNR) Brain Lipid Distribution Under Different Dietary Conditions Using DESI-MSI
10:35-10:55	Sponsor Talk #3: Maria Grazia Di Lago (Shimadzu) Characterization Of Diabetic Encephalopathy Via Mass Spectrometry: Integration Between LC-MS and MS Imaging
10:55-11:15	Oral #6: Emanuela Salviati (Department of Pharmacy, University of Salerno) Breaking BMP/PG Ambiguity in Spatial Lipidomics by Ion Mobility MALDI-MSI
11:15-12:00	Coffee Break & Poster Session
SESSION 4 12:00-13:00	Title: Emerging and innovative technologies, platforms and applications
12:00-12:20	Sponsor talk #4: Vanna Denti (Ambergeen) Single-Slide Detection and Typing of Renal Amyloidosis: A Step Toward the Clinic Application of MALDI-MSI"
12:20-12:40	Oral #7; Marta Berzagli (Department of Food and Drugs, University of Parma) Mapping The In Vivo Metabolic Fate of Deuterated (+)-Catechin-D ₄ in Mice Using DESI-MSI and LC-MS/MS
12:40-13:00	Sponsor Talk #5: Une Kontrimaite (KR Analytical) Mapping Metabolic Crosstalk Between Glioblastoma and Astrocytes Using Integrated Single-Cell AP-Maldi and LC-MS Metabolomics
13:00-14:00	Lunch & Poster Session

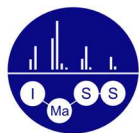


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SESSION 5 14:00-16:00	Title: Medical, diagnostic and pharmaceutical applications Chairs:
14:00-14:45	Invited Talk #4: Nicole Strittmatter (Department of Biosciences, Technical University of Munich) Studying Microbial Communities Using Mass Spectrometry Imaging
14:45-15:05	Oral #8 Alessia Di Noi (Department of Chemistry, "Sapienza" University of Rome) Repurposing PBS-PFA-Perfused/OCT-Embedded Glioblastoma Mouse Brain Sections for Mapping Lipid Heterogeneity By AP-MALDI-MSI
15:05-15:35	Oral #9 Lucia Martin Saiz (DMPK, Institut de R&D Servier Paris-Saclay) Quantitative Imaging Mass Spectrometry of Glutamate in Rat Brain
15:35-16:00	Final Remarks and Congress closure



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**2nd Italian MS-Imaging Symposium
Poster Contribution**

Poster session	
Poster #1	Eugenia Pechkova (University Genova, IRCCS) Maldi Imaging Mass Spectrometry at IRCCS Azienda Ospedaliera Metropolitana (AOM), Genova
Poster #2	Giusi Barra (Institute of Biomolecular Chemistry ICB, National Research Council CNR) Single-Section Multimodal Analysis by Desi-MSI and Imaging Mass Cytometry
Poster #3	Amelia Locatelli (Department of Environmental Health Sciences, Istituto di Ricerche Farmacologiche Mario Negri IRCCS) Surface-Specific Metabolic Signatures of Flavescence Dorée in Grapevine Leaves Revealed by MSI
Poster #4	Giovanni Andrea Vitale (Institute of Biomolecular Chemistry ICB, National Research Council CNR) An Integrated LC-MS and DESI-MSI Workflow for Spatial Metabolomics in Medaka
Poster #5	Andrew Smith (University of Milano-Bicocca) Mapping Drought-Driven Metabolic Adaptations in Coffee Fine Roots by MALDI-MS Imaging
Poster #6	Natalia Shelly Porto (University of Milano-Bicocca) Mass Spectrometry Applications for the Characterization of Kras Mutations in Lung Cancer
Poster #7	Chiara Calabretta (IRCCS Milano) Molecular Histology in Epilepsy Surgery
Poster #8	Giulio Calza (Bruker) Multiomics Analysis for Advanced Tumor Typing of Lung Cancer Using 116plex MALDI Hplex-IHC and Released N-Glycans on the Neoflex
Poster #9	Daniela Natale (Standard Biotoools) From Single Cells to Tissue Architecture: Mass Cytometry for Translational Spatial Research