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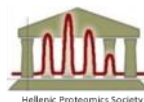
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**XV International Italian Proteomics
Association Annual Meeting
in Partnership with the Hellenic Proteomics
Society and Serbian Proteomics Association**

**Proteomics and metabolomics
for personalized medicine**

**Catholic University of the Sacred Heart
Roma, Italy
September 8th - 10th 2021**



UNIVERSITÀ
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del Sacro Cuore



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PROGRAM AT GLANCE

WEDNESDAY SEPTEMBER 8th, 2021 Auditorium Catholic University of the Sacred Heart, Roma, Italy	
13:00-18:30	Congress Registration
14:30 – 14:45	Welcome and opening Session Chair: Andrea Urbani, Roma, Italy and Paola Roncada, Catanzaro, Italy
14.45-15:30	Opening Plenary Lecture: <i>Giovanni Scambia</i> (Roma, IT) <i>Perspective of personalised medicine in gynecological cancers</i>
15:30-16:15	Plenary lecture: <i>Henry Rodriguez</i> (Bethesda, USA) <i>The NCI's clinical proteomic tumor analysis consortium: a new horizon in precision oncology through proteogenomics</i>
SESSION 1	
Chair: Claudia Desiderio, Roma, Italy and Tiziana Alberio, Varese, Italy	
16:20-16:40	<i>Marianna Caterino</i> (Napoli, IT) <i>Proteomic and metabolomic investigation in Mucopolysaccharidosis IIIB</i>
16:40 – 17:00	<i>Marta Lualdi</i> (Varese, IT) <i>C9ORF72 repeat expansion affects the proteome of primary skin fibroblasts in ALS</i>
17:00 – 17:20	<i>Eleni Zografos</i> (Athens, GR) <i>Proteomic patterns of male breast cancer tumors using mass spectrometry: a step closer to deciphering a rare entity</i>
17:20 – 17:40	<i>Annalisa Castagna</i> (Verona, IT) <i>Proteomic analysis of urinary extracellular vesicles in primary aldosteronism</i>
17:40 - 18:00	<i>Victor C. Carregari</i> (Sao Paulo, BRA) <i>Profile of central nervous system after SARS-CoV2 infection</i>

18:00-18:20	<i>Mario Armelao</i> (Lisboa, PT) <i>Optimizing protein identification results on a novel QTOF instrument with improved sensitivity, using cloud processing</i>
18:30 – 20:00	Welcome Cocktail at Garden of Catholic University of the Sacred Heart

THURSDAY September 9th, 2021 Auditorium Catholic University of The Sacred Heart, Roma, Italy	
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PLENARY SESSION	
Chair: Paola Roncada, Catanzaro, Italy and George Tsangaris, Athens, Greece	

09:00 – 09:45	Plenary Lecture: <i>Maurizio Sanguinetti</i> (Roma, IT) <i>Clinical perspectives of microbiota modulation</i>
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09:45 – 10:30	Keynote Lecture: <i>Lorenza Putignani</i> (Roma, IT) <i>Metaproteomics investigation of microbial consortia</i>
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10:30 – 11:00	Coffee break and poster exhibition (P1-P8)
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SESSION 2	
Chair: Margherita Ruoppolo, Napoli, Italy and Alessio Soggiu, Milano, Italy	

11:00 – 11:20	<i>Ekaterina Ilgisonis</i> (Moscow, RU) Scabious: Obesity Research Using Pubmed abstract and DisGeNET
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11:20 – 11:40	<i>Bruno Tilocca</i> (Catanzaro, IT) Goat cheese microbiota investigation on a One-Health perspective
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11:40 – 12:00	<i>Stefano Levi Mortera</i> (Roma, IT) Metaproteomics investigation on the role of the gut microbiota in type 1 diabetes onset
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12:00 – 12:20	<i>Pamela Vernocchi</i> (Roma, IT) Fused omic models and network analysis to assess gut microbiota metabolome biomarkers in pediatric diseases
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12:20 – 12:40	<i>Cristian Piras</i> (Catanzaro, IT) LAP-MALDI MS and machine learning: ambient mass spectrometry ionization serves for high-throughput diagnostics and antibiotic resistance detection
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12:40 – 14:00	Light lunch and poster exhibition (P9-P24)
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PLENARY SESSION	
Chair: Viviana Greco, Roma, Italy and Claudia Desiderio, Roma, Italy	

14:00–14:45	Plenary Lecture: <i>Daniel Martins De- Souza</i> (Sao Paulo, BRA) <i>Does SARS-CoV-2 affect the brain?</i>
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14:45 – 15:30	Keynote Lecture <i>Maria Monti</i> (Napoli, IT) <i>Functional proteomics to unveil molecular details of cellular processes</i>
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SESSION 4	
Chair: Tiziana Alberio ,Varese, Italy and Laura Giusti, Camerino, Italy.	

15:30 – 15:50	<i>Michele Costanzo</i> (Napoli, IT) Effects of neuroglobin overexpression on the proteome of human neuroblastoma cells
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15:50 – 16:10	<i>Pierros Vasileios</i> (Athens, GR) Unique peptide signatures of Sars-Cov-2 proteome
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16:10 – 16:30	<i>Giuseppina Fanelli</i> (Viterbo, IT) Metabolomic approach to identify antiviral defense mechanisms in leukocytes showing in vitro IgG memory from SARS-CoV-2-infected patients
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16:30 – 16:50	<i>Svetlana Murzina (Petrozavodsk, RU)</i> The effects of low-level Helium-Neon (He-Ne) laser irradiation on lipid and fatty acids content, the activity of energetic metabolism enzymes and proteome at the blastula stage and in Underyearlings of the Atlantic salmon <i>Salmo salar</i>: a novel approach in salmonid restoration procedures in the North
16:50 – 17:10	<i>Simona Nonnis (Milano, IT)</i> Integrated omics study delineates the molecular response of the brown algae <i>Sargassum vulgare</i> to water acidification
17:30 ItPA GENERAL ASSEMBLY AND BOARD ELECTION	

FRIDAY September 10th, 2021
Auditorium Catholic University of The Sacred Heart,
Roma, Italy

PLENARY SESSION

Chair: Andrea Urbani, Roma, Italy and Margherita Ruoppolo, Napoli, IT

09:00 – 09:45	Plenary Lecture: <i>Ruggero De Maria (Roma, IT)</i> Clinical perspectives of single cell investigations
09:45 – 10:30	Keynote Lecture: <i>Karl Mechtler (Wien, AT)</i> Label-free and multiplexed single cell proteomics at high-throughput and remarkable sensitivity
10:30– 11:00	Coffee break and poster exhibition (P25-P32)

SESSION 8

Chair: Alessio Soggiu (Milano, Italy) and Maria Monti (Napoli, Italy)

11:00 – 11:20	<i>Evangelos Kontopodis (Athens, GR)</i> Uniquome: Deciphering the human uniquome
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11:20 – 11:40	<i>Serena Correnti (Catanzaro, IT)</i> Assessment and Feasibility of a novel procedure for the MALDI-TOF MS analysis of human seminal plasma peptides in the study of male infertility
11:40 – 12:00	<i>Maria Concetta Cufaro (Chieti, IT)</i> Proteomics of FACS-sorted Leukocyte Extracellular Vesicles: new insights into Immune System machinery
12:00 – 12:20	<i>Federica Gevi (Viterbo, IT)</i> Metabolomic approaches towards a functional personalized view of autism spectrum disorders: discovery of biomarkers
12:20 – 12:30	Concluding remarks Andrea Urbani (Roma, IT) and Paola Roncada (Catanzaro, IT)
12:30 – 13:00	Poster Award Ceremony Tiziana Alberio (Varese, IT) and Viviana Greco (Roma, IT)
13:00 – 14:00	Light Lunch and End of the Congress

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