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Università Cattolica del Sacro Cuore,
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President of Italian Proteomics Association (ItPA)
University Magna Græcia, Catanzaro, Italy

GEORGE TSANGARIS

President of Hellenic Proteomics Society (HPS), Biomedical
Research Foundation Academy of Athens, Athens, Greece

TATJANA SIMIC

President of Serbian Proteomics Association (SePA),
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XVIII International Italian Proteomics Association Annual Meeting

**in Partnership with the Hellenic Proteomics
Society and Serbian Proteomics Association**



New Horizons in Proteomics and Metabolomics

**November 27th - November 29th, 2024
CASA DEI CAVALIERI DI RODI,
Piazza del Grillo 1
ROMA, ITALY**

Conference Registration Fees

Before November 4th, 2024

ItPA/EuPA member: 180 €

Not ITPA member (180+20) 200 €

YPI (< under 40) ItPA/EuPA member: 130 €

Not ItPA member (130+20) 150 €

LATE REGISTRATION (November 15th, 2024) 250€

INDUSTRY-COMPANIES: €300 plus vat 22%

To register please fill in the google registration form available on the website www.itpa.it and follow the instructions.

General Information

CONGRESS VENUE

Casa dei Cavalieri di Rodi Piazza del Grillo, 1 (Roma), Italy. The instructions to reach the venue are available on the web site www.itpa.it

OFFICIAL LANGUAGE

The Congress official language will be English.

ABSTRACTS AND POSTERS

The submission deadline for oral and poster communications is November 4th, 2024.

Posters will be displayed from 27th November to 29th November 2024. During poster sessions the presence of one of the authors is required.

Presentations from young corresponding authors will be nominated for poster prize competition.

CERTIFICATE OF ATTENDANCE

Certificates of attendance and payment fee receipts will be available at the registration desk.

COFFEE BREAKS AND LUNCHES

Welcome cocktail, coffee breaks and lunches will be served at the venue.

ACCOMMODATION

The list of recommended hotels is available on the website: www.itpa.it

Confirmed Invited Speakers:

Uwe Völker, Incoming HUPO President,
University Medicine Greifswald, Germany
Ina Koch, Goethe University Frankfurt am Main,
Germany
Michal Bassani-Sternberg, University of Lausanne,
Lausanne, Switzerland
Mauro Fasano, University of Insubria, Varese, Italy
Claudio Sette, Catholic University Sacred Heart, Rome,
Italy

PROGRAM

WEDNESDAY November 27 th , 2024-Morning Conference room	
10:30-11:00	CONGRESS REGISTRATION
11:00	WELCOME AND OPENING SESSION
SESSION 1 Chair: Uwe Völker (Greifswald, DE) and Paola Roncada (Catanzaro, IT)	
PLENARY LECTURE: Uwe Völker (Greifswald, DE) "Proteomics applications from the study of simple model organisms to the characterization of population-based cohorts"	
11:15-12:00	
INVITED SPEAKER: Claudio Sette (Roma, IT) "Advanced phenotyping in Organoid Models: the microplastic paradigm"	
12:00-12:30	
Mario Armelao, (AB Sciex) "Quantifying 500 proteomics samples with ZT-SCAN DIA"	
12:30-12:50	
LIGHT LUNCH AND POSTER SESSION (P01-P30 presentations)	
13:00-14:00	

WEDNESDAY November 27 th , 2024-Afternoon Conference room	
SESSION 2 Chair: Michal Bassani-Sternberg (Lausanne, CH) and Tiziana Alberio (Varese, IT)	
PLENARY LECTURE: Michal Bassani-Sternberg (Lausanne, CH) "Addressing challenges in neoantigen discovery"	
14:15-15:00	
Vasileios Pierros (Athens, GR) "Uniquome: Construction and Decoding of a Novel Proteomic Atlas that Contains New Peptide Entities"	
15:15-15:35	
Rossana De Salvo (Siena, IT) "Decoding the Functional and Interactomic Effects of Cigarette Smoke on Vascular Smooth Muscle Cells"	
15:35-15:55	
Riccardo Marsiglia (Roma, IT) "Successful treatment of recurrent Clostridioides difficile infections utilizing fecal microbiota transplantation in a child with Cystic Fibrosis Screen Positive, inconclusive diagnosis (CFSPID): rating of microbiota engraftment and evaluation of intestinal eubiosis through the metabolomic analysis of SCFAs"	
15:55-16:15	
COFFEE BREAK AND POSTER SESSION (P31-P60 presentations)	
16:15-16:55	
SESSION 2 Chair: Dragana Mitic (Belgrade,SRB) and Mary Monti (Napoli, IT)	
Claudia Landi (Siena, IT) "Proteomic and acetylotomic profiling of RICTOR/mTORC2 downregulation in different BRAFV600E melanoma cell lines"	
17:00-17:20	
Emily S. Turilli-Ghisolfi (Insubria,IT/Zurich, SVI) "A proteomics-driven strategy for drug discovery in neurodegeneration: from proteome-wide profiling to PPI-orchestrating small molecules"	
17:20-17:40	
Sabrina Bianco (Napoli, IT) "Disruption of lysosomal and autophagic pathways affects the proteome of Methylmalonic Acidemia"	
17:40-18:00	

18:30-20:00	WELCOME COCKTAIL
THURSDAY November 28th, 2024-Afternoon Conference room	
LIGHT LUNCH AND POSTER SESSION (P01-P30 presentations)	
13:00-14:00	
SESSION 3 Chair: Mauro Fasano (Varese, IT) and George Tsangaris (Athens, GR)	
INVITED SPEAKER Mauro Fasano (Varese, IT) "From Data To Discovery. The Power Of Integrated Omics And Functional Annotation"	
14:15-14:45	
Kevin Hau (Dortmund, DE) "Small Samples, Big Insights: Advanced Spatial Proteomic Profiling of Central Carbon Metabolism in Clinical Tissues"	
14:50-15:10	
Gabriele Meroni (Milano, IT) "A multi-omic approach to unravel biological insights of bovine milk comparing selective dry cow therapy and antibiotic treatment"	
15:10-15:30	
Anna C. Procopio (Catanzaro, IT) "Epitope prediction of candidates for DIVA strategies of Brucella melitensis"	
15:30-15:50	
COFFEE BREAK AND POSTER SESSION (P31-P60 presentations)	
16:00-16:30	
SESSION 3 Chair: Viviana Greco (Roma, IT) and Alessio Soggiu (Milano, IT)	
Leila Birolo (Napoli, IT) "Paleoproteomics and ancient proteins: lessons from the past and current challenges"	
16:30-16:50	
Cristian Piras (Catanzaro, IT) "Bioactive peptides profile in Podolica cow's milk"	
16:50-17:10	

17:10-17:30	<i>Simona Sagona (Pisa, IT) "Is honeybee's nucleoplasmin-like protein involved in the caste polyphenism in Apis mellifera?"</i>
17:30-17:50	<i>Irene Cipollone (Napoli, IT) "Unravelling the peculiar binding modes for c-Kit inhibitors using a LiP-MS approach"</i>
18:00 ItPA General Assembly and Board Election	

11:20 – 11:40	<i>Lavinia Santucci (Roma, IT) "Metabolomics and Lipidomics serum profiling on Down's Syndrome patients for the evaluation of new biomarkers"</i>
11:40 – 12:00	<i>Mara Zilocchi (Milano, IT) "A co-fractionation-mass spectrometry approach to unravel mitochondrial protein complex alterations in neurological disorders"</i>
12:00 – 13:00	AWARDS CEREMONY and CONCLUDING REMARKS (ItPA executive board)
13:00 – 14:00	LIGHT LUNCH- CONGRESS CLOSING

FRIDAY November 29th, 2024-Morning Conference room	
SESSION 4 Chair: Ina Koch (Frankfurt, DE) and Andrea Urbani (Roma, IT)	
09:00-09:45	PLENARY LECTURE: Ina Koch (Frankfurt,DE) "Analysis of protein structures and properties using graph theory and machine learning"
09:50 – 10:10	<i>Giuseppina Fanelli (Viterbo, IT) "Metabolic adaptation of ovaries to heat stress at anthesis in durum wheat lines carrying segmental introgressions from the wild grass <i>Thinopyrum ponticum</i>"</i>
10:10-10:30	<i>Federica di Marco (Chieti, IT) "Proteomics strategies to unveil the biological role of BAG3 through tissue specific BAG3 knockout mouse models"</i>
10:30-11:00	COFFEE BREAK AND POSTER SESSION (P01-P60 presentations)
SESSION 4 Chair: Lorenza Putignani (Roma, IT) and Damiana Pieragostino (Cheti, IT)	
11:00 – 11:20	<i>Giulia Capitoli (Monza, IT) "Enhancing Diagnostic Precision in Thyroid Nodules: A Large Institutional Experience with Spatial Proteomics"</i>

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TBD
