

CONGRESS PRESIDENTS

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Ospedale Isola Tiberina – Gemelli Isola

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GEORGE TSANGARIS

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

TATJANA SIMIC

President of Serbian Proteomics Association, University of Belgrade, Belgrade, Serbia

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XVII International Italian Proteomics Association Annual Meeting

in Partnership with the Hellenic Proteomics Society and Serbian Proteomics Association



Proteomics and Metabolomics towards Global Health

November 29th -December 1st, 2023
Ospedale Isola Tiberina – Gemelli Isola, ROMA, ITALY



G E M E L L I I S O L A

SCIENTIFIC COMMITTEE

PAOLA RONCADA

VIVIANA GRECO

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ANDREA URBANI

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TATJANA SIMIC

Conference Registration Fees

Before October 13th 2023

ItPA/EuPA member: 170 euro

YPI (< 7years /PhD) ItPA/EuPA member: 150euro

After October 13th 200 euro

To register please fill the registration form available on the website www.itpa.it and follow the instructions. The abstract submission deadline is October 13th 2023.

General Information

CONGRESS VENUE

Ospedale Isola Tiberina – Gemelli Isola, Via di Ponte Quattro Capi, 39 – (Roma) , Italy.

The instruction to reach the venue are available on the web site www.itpa.it

OFFICIAL LANGUAGE

The Congress official language will be English

POSTER PRESENTATIONS AND AWARDS

Posters will be displayed from 30th November to 1st December 2023. During poster sessions the presence of one of the authors is required. Presentations from young corresponding authors will be candidate for poster prize competition.

Awards will be supported by European Proteomics associations (EuPA), Waters S.p.A Global Services and Fondazione ItPA Onlus.

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.

ACCOMODATION

The list of recommended hotels is available on the web site www.itpa.it

Confirmed Invited Speakers:

Jean Armengaud, Université Paris-Saclay, CEA, INRAE, Département Médicaments et Technologies pour la Santé (DMTS), (Bagnols-sur-Cèze, France)

Tanja Cirkovic Velickovic, University of Belgrade, Belgrade, Serbia

Heeyoun Hwang, Korean Basic Science Institute, (Cheongju-si, South Korea)

Janne Lethio, Science for Life Laboratory and Department of Oncology and Pathology, Karolinska Institutet, Stockholm, Sweden.

Stefan Tenzer, Institute of Immunology, University Medical Center University Mainz ,Germany

CONGRESS FINAL PROGRAM

WEDNESDAY 29 TH November 2023 Conference room	
13:00-18:30	CONGRESS REGISTRATION
15:00-15:30	WELCOME AND OPENING SESSION Viviana Greco, Paola Roncada, George Tsangaris, Tatjana Simic, Mauro Ciro Antonio Rongioletti.
SESSION 1 Chair: Maria Monti (Napoli, IT), Janne Lethio (Stockholm, SWE)	
15:30-16:30	PLENARY LECTURE: Janne Lethio , Science for Life Laboratory and Department of Oncology and Pathology, Karolinska Institutet, (Stockholm, Sweden). " Can proteogenomics solve oncologist urgent problems to select combination therapies? "

16:30-16:50	Tiziana Bachetti (Genova, IT) " Multi-omics analyses reveal altered lipid metabolism and oxidative stress as pathogenic mechanisms in a zebrafish model of Alexander disease "
16:50-17:10	Alessandra Morelli (Milano, IT) " A Multi-Proteomic Approach to Unravel New Players in Metastatic Melanoma Progression "
17:10-17:30	Giulia Robusti (Milano, IT) " A Multi-Omics Approach To Dissect Aberrant Epigenetic Mechanisms In Triple Negative Breast Cancer "
17:30-19:00	WELCOME COCKTAIL

THURSDAY November 30 TH , 2023-MORNING Conference room	
SESSION 2 Chair: Lorenza Putignani (Roma, IT), Damiana Pieragostino (Chieti, IT)	
09:00 – 09:45	PLENARY LECTURE: Jean Armengaud , Université Paris-Saclay, CEA, INRAE, Département Médicaments et Technologies pour la Santé (DMTS), (Bagnols-sur-Cèze, France) " Metaproteomics for the functional analysis of microbiomes: recent achievements & prospects ".
09:45 – 10:05	Stefano Levi Mortera (Roma, IT) " Metaproteomic investigation on the induced changes of a high fiber, low fat diet intervention in the gut microbiota of patients with Crohn's disease "
10:05-10:25	Bruno Tilocca (Catanzaro, IT) " Exploring bee metaproteome gather insights on infectious diseases in a One-Health fashion. "
10:30 – 11:00	COFFEE BREAK AND POSTER EXHIBITION
11:00-11:45	INVITED SPEAKER Tanja Cirkovic Velickovic , University of Belgrade, (Belgrade, Serbia) " Proteomic insight into allergenic food corona on polyethylene terephthalate microplastics "

11:45-12:05	Aldo Lanzoni (Catania, IT) " Proteomic analysis of an Italian Chickpea Genotype by MS-methods "
12:05 – 12:25	Lavinia Santucci (Roma, IT) " Metabolomics evaluation of the effects of Beetroot Juice supplementation in Long Covid patients "
12:30 – 14:00	LIGHT LUNCH AND POSTER EXHIBITION
THURSDAY November 30 TH , 2023-AFTERNOON Conference room	
SESSION 3 Chair: Alessio Soggiu (Milano, IT), Stefan Tenzer (Mainz, DE)	
14:00-14:45	PLENARY LECTURE Stefan Tenzer , Institute of Immunology, University Medical Center (Mainz, Germany) " Maximizing information content in data-independent acquisition using midia-PASEF "
14:45-15:05	Francesca Sacco (Roma, IT) " Integrating mass spectrometry-based (phospho)proteomics with prior knowledge networks reveals disease-specific mechanisms. "
15:05-15:25	Andrea Graziadei (Milano, IT) " Structural systems biology by crosslinking mass spectrometry and deep learning "
15:25-15:45	Francesca Pirozzi (Napoli, IT) " Targeted lipidomics on Glycogen Storage Disease Type Ia (GSDIa) patients' blood samples as new tool for dyslipidemia investigation in GSDIa "
15:45-16:30	COFFEE BREAK AND POSTER EXHIBITION
16:30-16:50	Laura Bianchi (Siena, IT) " New insights into metastatic melanoma exomeres "

16:50-17:10	<i>Maria Concetta Cufaro (Chieti, IT) "New Proteomics insights in the characterization of Extracellular Vesicle single-phenotype: the role of Leukocyte-derived EVs in Multiple Sclerosis"</i>
17:10-17:30	<i>Annalisa Castagna (Verona, IT) "Characterization of asthma phenotypes by serum cytokines and extracellular vesicles surface markers analysis"</i>
17:30-18:30 ItPA GENERAL ASSEMBLY	

FRIDAY December 1ST 2023 Conference room	
SESSION 4 Chair: Tiziana Alberio (Varese, IT), Heeyoun Hwang (Cheongju-si, South Korea)	
PLENARY LECTURE	
09:00-09:30	<i>Heeyoun Hwang, Korean Basic Science Institute, (Cheongju-si, South Korea) "Chromosome-centric proteomics study of Cholangiocarcinoma"</i>
9:30-9:50	<i>Marta Lualdi (Varese, IT) "Dysfunctional microglia in the pathogenesis of Alzheimer Disease: proteome features of the pro-AD phenotype"</i>
9:50-10:10	<i>Ilaria Iacobucci (Napoli, IT) "Proteomics profiling of cortical and hippocampal brain regions in dairy cattle"</i>
10:10-10:30	<i>Giuseppina Catanzaro (Roma, IT) "CD133 proteolytic processing following brefeldin treatment in medulloblastoma cancer stem cells"</i>
10:30-10:50	<i>Paolo Grumati (Napoli, IT) "FAM134A,B,C: The Three Musketeers of ER-phagy"</i>

10:50-11:30	COFFEE BREAK AND POSTER EXHIBITION
11:30 - 13:00	ITPA, EUPA AND WATERS CEREMONY AWARDS AND CONCLUDING REMARKS Paola Roncada (Catanzaro, IT), Viviana Greco (Roma, IT)
13:00 - 14:00	LIGHT LUNCH- CONGRESS CLOSING

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