

CONGRESS PRESIDENT

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Department of Basic Biotechnological Sciences, Intensivological and Perioperative Clinics, Università Cattolica del Sacro Cuore, Fondazione Policlinico Universitario "A. Gemelli" IRCCS, Roma, Italy

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PAOLA RONCADA

President of Italian Proteomics Association (ItPA)
Department of Health Sciences, University Magna Græcia, Catanzaro, Italy

GEORGE TSANGARIS

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

TANIA CIRKOVIC VELICKOVIC

President of Serbian Proteomics Association, Faculty of Chemistry, Centre of Excellence for Molecular Food Sciences, University of Belgrade, Belgrade, Serbia

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MARIA MONTI, TRAINING PROGRAMS

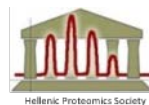
Department of Chemical Sciences, University of Naples Federico II, Napoli, Italy.

DAMIANA PIERAGOSTINO, INTERNATIONAL RELATIONSHIPS

Department of Innovative Technologies in Medicine and Dentistry, University "G. d'Annunzio" of Chieti-Pescara, Chieti, Italy.

LORENZA PUTIGNANI, FUND RAISING

Department of Diagnostic and Laboratory Medicine, Unit of Parasitology and Multimodal Laboratory Medicine Research Area, Unit of Human Microbiome, Bambino Gesù Children's Hospital, IRCCS, Rome, Italy



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



Proteomics and metabolomics for Public Health



Universitäres Ausbildungszentrum für
Gesundheitsberufe Polo Universitario delle
Professioni Sanitarie,
Via Lorenz-Böhler 13,
August 31st-September 2nd, 2022
Bolzano (Bozen), Italy



SCIENTIFIC COMMITTEE

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CONFIRMED INVITED SPEAKERS:

Maria T Abreu University of Miami Florida, Usa

Jens Brockmeyer, University of Stuttgart, Germany

Milos R. Filipovic, Leibniz Institute for Analytical

Sciences – Isas, Dortmund, Germany

Veit Schwämmle, University of Southern Denmark

Luca Scorrano University of Padova, Italy

Peter Verhaert, ProteoFormiX, JLABS@BE, J&J

Innovation Center, Beerse, Fiandre, Belgium

REGISTRATION FEES:

ItPA/EuPA member 2022	€ 170 [§]
YPI*- ItPA /EuPA member 2022	€ 150 [§]
Late (after JULY 17 2022)/on site registration	€ 200

*Young Proteomics Investigator (YPI) requirements: ≤7yrs from last title (PhD/Master degree); not permanent position

§ ItPA/EuPA membership quote 2022 included (-20€ if already registered to ItPA for 2022)

PROGRAM AT GLANCE

WEDNESDAY AUGUST 31, 2022 Auditorium	
13:00-18:30	CONGRESS REGISTRATION
15:00-15:15	WELCOME AND OPENING SESSION Paola Roncada (Catanzaro, IT), George Tsangaris (Athens, GR) and Andrea Urbani (Roma, IT)
PLENARY SESSION Chair: Andrea Urbani (Roma, IT), Lorenza Putignani (Roma, IT)	
15:15-16:00	Plenary Lecture: Maria T Abreu (Miami, USA) "Characterizing the functional microbiome to understand inflammatory bowel diseases"
16:00-16:45	Plenary lecture: Luca Scorrano (Padova, IT) "A compendium of complexome changes during mitochondrial remodeling allows functionalization of high molecular weight complexes"
SESSION 1 Chair: Maria Monti (Napoli, IT), Tiziana Alberio (Varese, IT)	
17:00 - 17:20	Angela Bachi (Milano, IT) "Identification of NUP98-NSD1 interactors and their implication in leukemic cell maintenance"
17:20 - 17:40	Pierre-Olivier Schmit (Bruker, Champs-sur-Marne, FR) The 4D-proteomics journey towards routine clinical proteomics
17:40 - 18:00	Mario da Ronco (Siemens Healthcare S.r.l., Milano, IT) "The new ambition of Siemens Healthineers"
18:00-18:20	Pierros Vasileios (Athens, GR) A database on unquome of various organisms

18:30-20:00	WELCOME COCKTAIL
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THURSDAY September 1 ST , 2022-MORNING Auditorium	
PLENARY SESSION Chair: Paola Roncada (Catanzaro, IT)	
09:00 - 09:45	Plenary Lecture: Jens Brockmeyer (Stuttgart, DE) "Food proteomics - a versatile tool for food authenticity testing and allergen research"
SESSION 2 Chair: Jens Brockmeyer (Stuttgart, DE), Alessio Soggiu (Milano, IT)	
09:45 - 10:05	Michele Costanzo (Napoli, IT) Linking lysosomal dysfunction to methylmalonic acidemia by DIA proteomics and targeted lipidomics
10:05 - 10:25	Giulia Capitoli (Milano, IT) Artificial intelligence techniques combined to spatial proteomics to overcome challenges in the characterization of thyroid lesions
10:30 - 11:00	COFFEE BREAK AND POSTER EXHIBITION (P1-P8)
SESSION 3 Chair: Maria Abreu (Miami, USA), Damiana Pieragostino (Chieti, IT)	
11:00 - 11:20	Bruno Tilocca (Catanzaro, IT) Bioinformatics-based prediction of protein epitopes for rapid in-field screening of African Swine Fever
11:20 - 11:40	Marta Lualdi (Varese, IT) The degradome of Neprilysin investigated in a cellular model of Parkinson's disease
11:40 - 12:00	Vittoria Monaco (Napoli, IT) Interactome of S1 domain in non-pulmonary systems

12:00 - 12:20	Pamela Vernocchi (Roma, IT) Gut microbiota functions in children with ASD with a new clinical and laboratory medicine view
12:30 - 14:00	LIGHT LUNCH AND POSTER EXHIBITION (P9-P16)
PLENARY SESSION Chair: Viviana Greco (Roma, IT)	
14:00-14:45	Plenary Lecture: Milos R. Filipovic (Dortmund, DE) "Mining the protein persulfidome in health and disease"
SESSION 4 Chair: Milos R. Filipovic (Dortmund, DE), Viviana Greco (Roma, IT)	
14:50 - 15:10	Lisa Pagani (Milano, IT) Generation of a spectral library for DIA proteomics analysis and application to serum samples using TIMS-TOF MS/MS
15:10 - 15:30	Maurine Fucito (Chieti, IT) Proteomics Revealing Brain Signatures of an in vivo Model of Multiple Sclerosis
15:30-15:50	Francesco Farris (Milano, IT) Dissecting the role of cancer-secreted amyloid fibrils by proteomics
16:00-16:30	COFFEE BREAK AND POSTER EXHIBITION(P17-24)
SESSION 5 Chair: Peter Verhaert (Fiandre, BE), Lorenza Putignani (Roma, IT)	
16:30-16:50	Marta Boreggio (Milano, IT) Unveiling the Bio-corona Fingerprinting of Potential Anticancer Carbon Nanotubes Coupled with d-Amino Acid Oxidase
16:50 - 17:10	Cristian Piras (Catanzaro, IT) Targeting beta-lactamases' presence and activity in raw cow milk through meta-proteomics and LAP-MALDI MS profiling

17:10-17:30	Annalisa Castagna (Verona, IT) Serum Metabolomics of Primary Aldosteronism reveals specific molecular signatures
17:30 ItPA GENERAL ASSEMBLY Special guest Davide Ederle , Technology Transfer Manager Biotech - Hub Innovazione Trentino, Vicepresidente Cluster Nazionale Alisei Intervento: "Come trasformare la ricerca in innovazione. Breve manuale di sopravvivenza".	

FRIDAY September 2ND, 2022 Auditorium	
PLENARY SESSION Chair Alessio Soggiu (Milano, IT), Tiziana Alberio (Varese, IT)	
09:00 – 09:45	Plenary Lecture: Veit Schwämmle (Odense, DK) "Interactive tools for supervised quantitative analysis of proteomics data"
09:45 – 10:30	Plenary Lecture: Peter Verhaert (ProteoFormiX, Beerse, Fiandre, BE) Label-free and Multiplexed Single Cell Proteomics at High-Throughput and Remarkable Sensitivity
10:30–11:00	COFFEE BREAK AND POSTER EXHIBITION (P25-32)
SESSION 6 Veit Schwämmle (Odense, DK), Damiana Pieragostino (Chieti, IT)	
11:00 – 11:20	Valeria Marzano (Rome, IT) Characterisation of the gut microbiota metaproteome in patients affected by the Williams–Beurens syndrome

11:20 – 11:40	Silvia Valentinuzzi (Chieti, IT) Dried blood spot on the other side: an opened gate for biomarker discovery from metabolites to proteins
11:40 – 12:00	Flora Cozzolino (Napoli, IT) Ferritin Heavy Chain binds Peroxiredoxin 6 and inhibits cell proliferation and migration
12:00 – 12:20	Serena Correnti (Catanzaro, IT) Peptidome profiling of human seminal plasma by Dispersive Solid Phase Extraction and MALDI-TOF MS
SESSION 7	
12:20–12:30	Awards Cerimony: Poster and Oral Communications (ECR) ItPA Executive board
12:30–13:00	Concluding remarks Paola Roncada (Catanzaro, IT), George Tsangaris (GR) and Andrea Urbani (Roma, IT)
13:00–14:00	Light Lunch and End of the Congress

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