

TUESDAY JUNE 25th, 2019
Auditorium Campus Salvatore Venuta

10:00 – 19:00	Congress Registration
	Food & Nutrition (FaN) Workshop: Initiative of EuPA and HPP Chair: Paola Roncada (IT) and George Tsangaris (GR)
11:30 – 11:40	Welcome and opening
11:40 – 12:20	Brigitte Picard (Paris, F) Proteomic biomarkers of beef qualities: understanding of mechanisms and development of phenotyping tools.
12:20 – 12:50	Ignatio Ortea (Cordoba, ES) Application of Proteomics to main topics in food authentication: from gel-electrophoresis to next-generation proteomics
12:50 – 13:20	Tanja Cirkovic Velickovic (Belgrade, RS) FoodEnTwin: Impact of environment on food quality and safety studied by omics methods
13:20 – 14:20	Closing of the Workshop and light lunch
14:30 – 16:00	Round Table about the state of the art of the Human Proteome Project cHPP and B/D-HPP MITOCHONDRIA Chair: Mauro Fasano and Andrea Urbani
16:30 – 17:00	Opening Ceremony Dean welcome, Authorities, President of ItPA, HPS, EuPA
17:00 – 18:00	Chair: Albert Sickmann, Dortmund, Germany and Andrea Urbani, Roma, Italy Plenary lecture: Roman A. Zubarev (Stockholm, SE) How proteins talk to small molecules - a chemical proteomics study.
18:00 – 18:40	Keynote lecture: Nils J. Færgeman (Odense, DK) From metabolomics towards in situ fluxomics in clinical sciences
18:40	End of the opening
18:45 – 20:30	Welcome Cocktail, wine and cheese tasting, Campus Salvatore Venuta

WEDNESDAY June 26th, 2019
Auditorium Campus Salvatore Venuta

SESSION 1	
Chair: Margherita Ruoppolo, Napoli, Italy and George Tsangaris, Greece	
09:00 – 09:40	Keynote Lecture: Fernando J Corrales (Madrid, ES) The Biology and Disease Human Proteome Project: Understanding mechanisms of liver cancer.
09:40 – 10:10	Keynote Lecture: Luca Bini (Siena, IT) The speciation of the proteome: a prerequisite to understand biological complexity
10:10 – 10:25	Wunderlich Dirk (Bremen, DE) PASEF on an IMS-QTOF for high-throughput and in-depth shotgun proteomics
10:25 – 11:00	Coffee break and poster exhibition
SESSION 2	
Chair: Giovanni Cuda, Catanzaro, Italy	
11:00 – 11:15	Angela Bachi (Milano, IT) BACE2 regulates microenvironment remodeling in metastatic melanoma
11:15 – 11:30	Marianna Caterino (Napoli, IT) Omic study of cerebral ammonium accumulation mechanism in the Glutaric Aciduria Type I
11:30 – 11:45	Eleni Zografos (Athens, GR) Serum proteome profiling of male breast cancer
SESSION 3	
Alessio Soggiu, Milano, Italy	
11:50 – 12:05	Lorenza Putignani (Roma, IT) Metaproteomic investigation to assess gut microbiota shaping in newborn mice: a combined taxonomic, functional and quantitative approach
12:05 – 12:20	Maria Munoz-Benavent (Valencia, ES) Development of a workflow prototype for meta-omics analysis of gut microbiome sample
12:20 – 12:35	Bruno Tilocca (Sassari, IT) Proteomic changes induced by yeast-derived volatolome on the Ochratoxin A-producing fungus <i>Aspergillus carbonarius</i>
12:35 – 14:00	Light lunch, poster exhibition and flash poster presentations
SESSION 4	
Chair: Antonio Procopio (Catanzaro, IT), Fernando Corrales Madrid, Spain	
14:00 – 14:40	Keynote Lecture: Martin Giera (Lund, SE) Boosting inflammation resolution: protein and metabolite leads.
14:40 – 15:10	Keynote Lecture: Marco Gaspari (Catanzaro, IT) Proteomic analysis of EPS-urine detects prostate cancer tissue-specific proteins
15:10 – 15:25	Nicola Cimino (Milano, IT) ¹³ C-Glutamine Qualitative Flux Analysis of a Chondrosarcoma Cell Line Using Agilent VistaFlux
15:25 – 16:15	Coffee break and poster exhibition

SESSION 5	
Chair: Tanja Cirkovic Velickovic, Belgrade, Serbia	
16:15 – 16:30	Vasileios Pierros (Athens, GR) Data processing approach for the construction and evaluation of an organism's UNIQUOME with comparative analysis for the Human, Rat and Mouse Uniquomes
16:30 – 16:45	Domenico Taverna (Catanzaro, IT) Comparing the diagnostic accuracy of three MS-based methods for quantitative proteomics analysis
16:45 – 17:00	Katarina Smiljanic (Belgrade, RS) Unrestricted and quantitative method of post-translational modifications profiling: Timothy grass pollen proteome in relation to increased oxidative stress caused by environmental pollution
SESSION 6	
Chair: Ignacio Ortea, Cordoba, Spain	
17:05 – 17:20	Cristian Piras (Reading, UK) Liquid AP-MALDI MS profiling for rapid assessment of milk quality and animal welfare
17:20 – 17:35	Elisa Maffioli (Milano, IT) Characterization of physiological adaptive immune responses of sea urchin resident at a CO2 vent system using a proteomic approach
17:35 – 17:50	Enea Ferlizza (Bologna, IT) The urinary proteome and metabolome in dogs: effect of chronic kidney disease
18:00	ItPA GENERAL ASSEMBLY
20:30	SOCIAL DINNER- Baia dell'Est, Località Caminia- Staletti (CZ)
THURSDAY JUNE 27th, 2019	
Auditorium Campus Salvatore Venuta	
SESSION 7	
Chair: Claudia Desiderio, Roma, Italy	
09:00 – 09:40	Keynote Lecture: Peter Horvatovich (Groningen, NL) Application of proteogenomics data integration to study the effect of genome variability in head and neck cancer and late stage COPD
09:40 – 10:10	Keynote Lecture: Rosa Terracciano (Catanzaro, IT) Peptidomics signatures in human bodily fluids: from the analytical approach to the diagnostic applicability
10:10 – 10:25	Christof Mitterer (Ghent, BE) Maximize the output of routine proteome analyses by using micro pillar array column technology
10:25 – 11:00	Coffee break and poster exhibition
SESSION 8	
Chair: Rocco Savino, Catanzaro, Italy	
11:00 – 11:15	Oxana Trifonova (Moscow, RU) Diagnostic potential of the modern dried blood spot methodologies for clinical metabolomics
11:15 – 11:30	Claudio Iacobucci (Halle-Salle, DE) In-Vitro and In-Cell Cross-Linking/Mass Spectrometry: from 3D-Protein Structure Investigations to Proteome-Wide Interactome Studies
11:30 – 11:45	Gianluigi Cabiddu (Cagliari, IT) Proteomic characterization of the mucosal pellicle formed in vitro on a cellular model of oral epithelium)
SESSION 9	
Chair: Tiziana Alberio, Busto Arsizio, Italy	
11:45 – 12:00	Andrea C. Kakouri (Nicosia, CY) Investigating the protein-protein interaction network rewiring in Spastic Ataxia
12:00 – 12:15	Artemis G. Korovesi (Athens, GR) Proteomic analysis of whole normal brain of adult murine
12:15 – 12:30	Antonella Tramutola (Roma, IT) Intranasal Rapamycin in Ts65dn Down Syndrome Mice Reversed Brain mTOR Activation, Prevented AD-like Neuropathology, Improved Cognition, and Reduced Oxidative Damage
12:30 – 14:00	Light lunch, poster exhibition and flash oral presentations
YPIC AWARD SESSION	
Chair: Viviana Greco, Roma, Italy and Iliaria Piazza, Zurich, Switzerland	
14:15 – 15:00	Keynote Lecture: Iliaria Piazza (Zurich, CH) Shedding light on a new cellular interactomics: studying protein-small molecule interactions in biology and medicine
15:00 – 15:40	Poster presentations (selected from Young proteomics Investigator participants- three slides, 5 minutes each)
15:40 – 16:00	Awards Ceremony: Posters and Flash Talks
CLOSING LECTURE	
Chair: Peter Horvatovich Groningen NL, Paola Roncada, Catanzaro, Italy	
16:00 – 16:45	Closing Lecture: Andrea Urbani (Roma, IT) Redefining the role of Hydrogen Sulfide
16:45 – 17:00	Concluding remarks and end of the meeting