

EuPA summer school

*Understanding the proteome:
from study design to data analysis moving through the bench*

14-17 June 2022 Napoli, Italy



Tuesday, 14 June

theoretical sessions



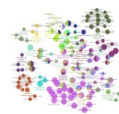
morning

Morning Arrival and Opening Remarks

- *Opening lecture: The potential of quantitative proteomics, Andrea Urbani (Catholic University of the "Sacred Heart")*
- *Experimental design in proteomics, Tiziana Alberio (University of Insubria)*
- *Analytical methods in proteomics, Flora Cozzolino (CEINGE and University of Naples Federico II)*

afternoon

- *Analytical methods in proteomics for PTMs, Roman A Zubarev (Karolinska Institute)*
- *Protein identification, Alessio Soggiu (University of Milan)*



Thursday, 16 June

theoretical sessions



morning

- *Methodological approaches in Quantitative Proteomics, Peter Horvatovich (University of Groningen)*
- *Applicative tools for quantitative proteomics, Marianna Caterino (CEINGE and University of Naples Federico II)*
- *Feature selection in quantitative proteomics, Mauro Fasano (University of)*

afternoon

Cultural event: visit to Campi Flegrei with a guide and social dinner



Wednesday, 15 June

practical sessions



all day

1) Mass mapping and PTMs identification of H4 histone.

Peptide mixture will be analysed by MALDI-TOF/TOF.

2) Shotgun label free differential proteomic analysis.

Peptide mixtures will be analysed with an LTQ-Orbitrap XL



Friday, 17 June

theoretical and practical sessions

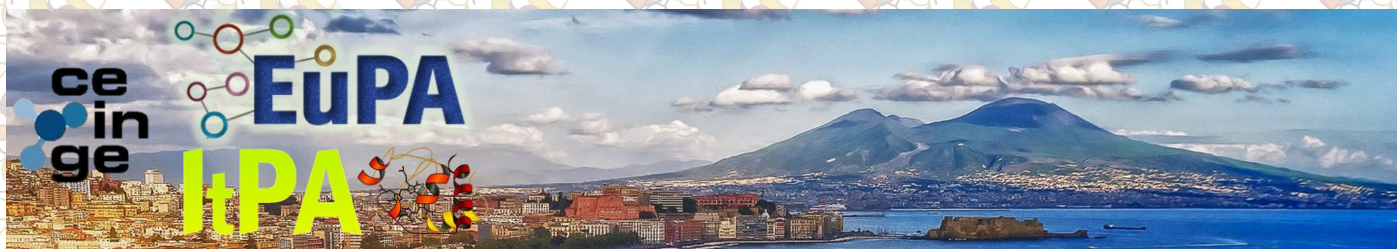


morning

- *Network analysis of proteomic data J Douglas Armstrong (University of Edinburgh)*
- *Data analysis and interpretation from the practical session, Viviana Greco (Catholic University of the "Sacred Heart") and Oksana Sorokina (University of Edinburgh)*

afternoon

- *Functional Proteomics: protein-protein interactions, Maria Monti (CEINGE and University of Naples Federico II)*
- *Concluding Remarks by ItPA President, Paola Roncada (University of Catanzaro)*



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General Info

Location: CEINGE– Biotecnologie Avanzate
Via Gaetano Salvatore, 486. Napoli

Grants: for ECR (<7 ys from PhD or M.Sc, not permanent position) with a motivation letter

1 EuPA (dedicated to a non-Italian fellow)

2 Fondazione ItPA onlus (dedicated to ItPA members)

Contacts:

itpa.communications@gmail.com

itpapresident@gmail.com

Registration

Subscription (EuPA members): 600€
(Hotel, lunch included)

Subscription (non-EuPA members): 800€

Max n. of participants: 16

Deadline: 30th April, 2022

Register on-line :

<https://forms.gle/UeMURHNqmjYkW9Zf8>

Scientific Committee

ItPA Executive Board:

Paola Roncada, President

Viviana Greco, Vice President

Tiziana Alberio, Treasurer, EuPA Education Committee

Alessio Soggiu, Secretary

Maria Monti, Training Programs

Damiana Pieragostino, International relationships

Lorenza Putignani, Fund raising

Margherita Ruoppolo, CEINGE and University of Naples Federico II, CEINGE Executive Coordinator

Mauro Fasano, University of Insubria, Fondazione ItPA onlus

Local Organizing Committee

Maria Monti, School Coordinator, ItPA Training Programs

Flora Cozzolino, lab activities coordinator

Margherita Ruoppolo, CEINGE Executive Coordinator

CEINGE staff, lab tutors:

Luisa Canè, Marianna Caterino, Simona Celentano,

Michele Costanzo, Ilaria Iacobucci, Vittoria Monaco



Fondazione ItPA onlus