

# 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**



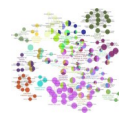
**morning**

*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 Insubria)*

**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**

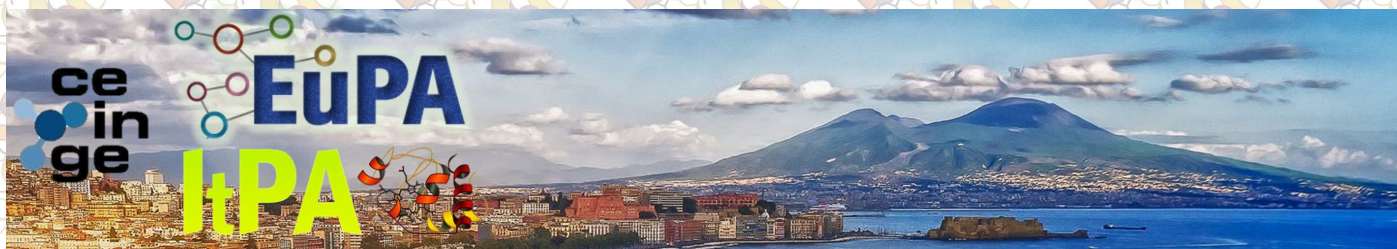


**morning**

- *Data interpretation by Systems biology, [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)*



## EuPA summer school

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

**14-17 June 2022 Napoli, Italy**

### General Info

**Location:** CEINGE– Biotechnologie 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: 30<sup>th</sup> 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