

Scientific Committee

ItPA Executive Board:

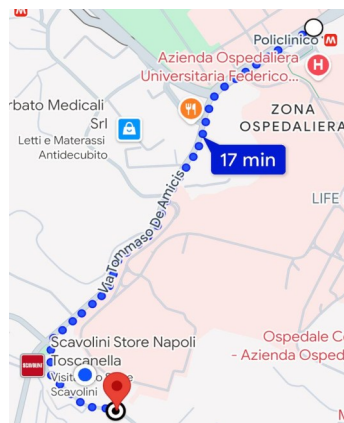
- Andrea Urbani**,
University Cattolica of Sacro Cuore, Rome
- Maria Monti**,
University Federico II and CEINGE, Naples
- Damiana Pieragostino**,
University of Studies G.D'Annunzio, Chieti
- Lorenza Putignani**,
University of Studies Link Campus, Rome
- Michele Costanzo**,
University Federico II and CEINGE, Naples
- Marta Lualdi**,
University of Studies of Insubria, Varese
- Anna Caterina Procopio**,
University of Magna Graecia, Catanzaro

Local Organizing Committee

- Antonella Altieri**, lab tutor, CEINGE
- Sabrina Bianco**, lab tutor, CEINGE
- Marianna Caterino**, Lecturer and lab tutor, CEINGE
- Simona Celentano**, lab tutor, CEINGE
- Michele Costanzo**, Lecturer and coordinator of metabolomics lab activities, CEINGE
- Flora Cozzolino**, Lecturer and coordinator of proteomics lab activities, CEINGE
- Ilaria Iacobucci**, Lecturer and lab tutor, CEINGE
- Maria Rosaria Mentino**, lab tutor, CEINGE
- Maria Monti**, general coordinator of ItPA educational program and of proteomics activities, CEINGE
- Margherita Ruoppolo**, general coordinator of metabolomics activities, CEINGE

Secretariat contact: Alessandra Buono, 0813737971

Proteomics lab: 0813737895-867



How to get to:

Metro Line 1 – Policlinico station

Then you can:

- walk to the location (see map on the left).
- take the internal shuttle bus on the left-hand side of the underground exit, get off at **stop 9 by Building 3** and go down the stairs to CEINGE.

Venue:

CEINGE– Biotechnologie Avanzate, Via Gaetano Salvatore, 486. Napoli.

Registration fee:

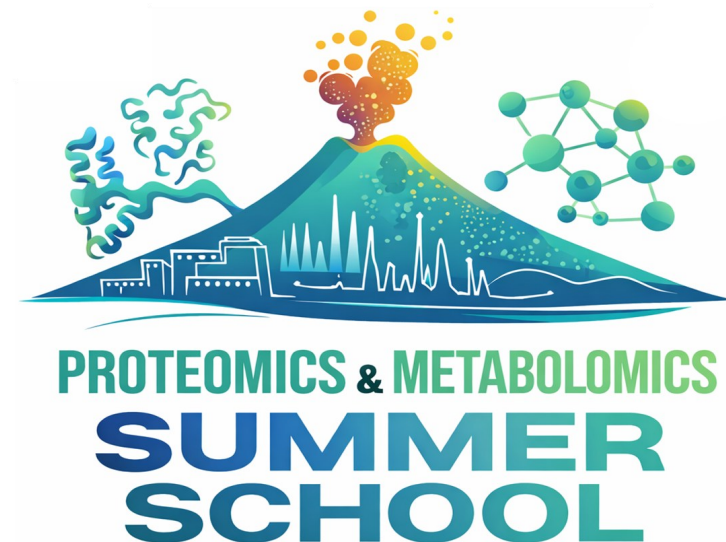
€800 + IVA

Includes:

Laboratory materials for practical exercises
Registration to the XX ItPA International Congress
Lunches, Coffee Breaks and Welcome Cocktail, for SCHOOL and CONGRESS
SUMMER SCHOOL SOCIAL DINNER

Registration closes on **30 June 2026**

Maximum number of participants: **16**



The Omics Lab: A Practical School in Proteomics & Metabolomics

Naples, 7-9 September 2026



Fondazione ItPA



Monday, 7 September

Theoretical Sessions

- 13.00** Registration
- 14.00** *Proteomics: from the past to the present,*
Maria MONTI, UNINA and CEINGE
- 15.00** *Metabolomics: from the past to the present*
Damiana PIERAGOSTINO, UNICH and CAST
- 16.00** Coffee Break
- 16.30** *In-depth look at proteomics methods,*
Flora COZZOLINO, UNINA and CEINGE
- 17.30** *In-depth look at metabolomics methods,*
Michele COSTANZO, UNINA and CEINGE



Tuesday, 8 September

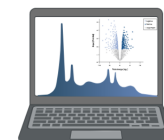
Hands-on Sessions

- 9.00** **Proteomics lab experience**
Antonella ALTIERI, Simona CELENTANO, Ilaria IACOBUCCI, Maria Rosaria MENTINO:
- Sample preparation for shotgun label free analysis.
 - LC-MSMS acquisition Methods: comparison between DIA and DDA modes.
- 13.00** Lunch
- 14.00** **Metabolomics lab experience**
Sabrina BIANCO, Marianna CATERINO, Michele COSTANZO:
- Metabolite extraction from blood paper spot.
 - Absolute and quantitative metabolites analysis through Multiple Reaction Monitoring (MRM).



Wednesday, 9 September

Bioinformatic Analysis



- 9.00** *Data analysis for proteins and PTMs identification and quantification,* Ilaria IACOBUCCI, UNINA and CEINGE
- 11.00** Coffee Break
- 11.30** *Data analysis for metabolite identification and quantification,* Marianna CATERINO, UNINA and CEINGE
- 13.30** Lunch
- 14.30** *Statistical methods and omics integrated data analysis,* Mario CAPASSO, UNINA and CEINGE
- 15.30** *Functional analysis of omics datasets: from abundance to biological insight,* Marta LUALDI, UNINSUBRIA
- 16.30** Coffee Break
- 17.00** *Closing: The challenges and new frontiers of proteomics,* Tiziana BONALDI, UNIMI and IEO
- 20.00** Social dinner