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 Insurbia, 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 Claudia Gatto, lab tutor, CEINGE
Maria Monti, general coordinator of ItPA educational program and of proteomics activies, CEINGE
Margherita Ruoppolo, general coordinator of metabolomics activies, CEINGE

Secretariat contact: 0813737861

comunicazione@ceinge.unina.it

Proteomics lab: 0813737895-867

How to get to:

Metro Line 1 – Policlinico station

Then you can:

a. walk to the location (see map on the left).

b. 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– Biotecnologie 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 May 2026**
Maximum number of participants: **18**

PROTEOMICS & METABOLOMICS SUMMER SCHOOL

The Omics Lab: A Practical School in Proteomics & Metabolomics

Naples, 7-9 September 2026

ItPA

ceinge BIOTECNOLOGIE AVANZATE FRANCO SALVATORE

Fondazione ItPA ETS
Italian Proteomics Association

SCIEX
The power of precision

Monday, 7 September

Theoretical Sessions

13.00-13.45 Registration

13.45-14.00 *Welcome and Opening*

14.00 -15.00 *Proteomics: from the past to the present, Maria MONTI, UNINA - CEINGE*

15.00-16.00 *Metabolomics: from the past to the present, Damiana PIERAGOSTINO, UNICH - CAST*

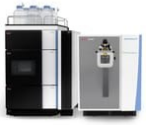
16.00-16.30 Coffee Break

16.30-17.30 *In-depth look at proteomics methods, Flora COZZOLINO, UNINA - CEINGE*

17.30-18.30 *In-depth look at metabolomics methods, Michele COSTANZO, UNINA - CEINGE*

Tuesday, 8 September

Hands-on Sessions



9.00-13.00 ***Proteomics lab experience,*** *Antonella ALTIERI, Simona CELENTANO, Maria Claudia GATTO*

- *Sample preparation for shotgun label free analysis.*
- *LCMSMS Methods: comparison DIA and DDA modes.*
- *PTMs enrichment.*

13.00-14.00 Light lunch

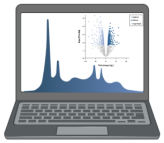
14.00-14.30 *Sponsor seminar: Advancing Metabolomics with ZenoTOF Technology: Increasing Coverage, Sensitivity and Confidence, Mario ARMELAO, SCIEX*

14.30-18.30 ***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

Data Analysis



9.00-11.00 *Statistical analysis methods and protein identification and quantification, Ilaria IACOBUCCI, UNINA - CEINGE*

11.00-11.30 Coffee Break

11.30-12.30 *OMICS DATA INTEGRATION: Methods and tools for combining genomics, proteomics, and metabolomics, Mario CAPASSO, UNINA - CEINGE*

12.30-13.30 *Data analysis for metabolite identification and quantification, Marianna CATERINO, UNINA - CEINGE*

13.30-14.30 Light Lunch

14.30-15.30 *Functional analysis of omics datasets: from abundance to biological insight, Marta LUALDI, UNINSUBRIA*

15.30-16.00 Coffee Break

16.00-17.00 *The challenges and new frontiers of proteomics, Tiziana BONALDI, UNIMI - IEO*

20.00 Social dinner