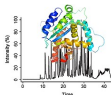




Friday, 17 June

## Theoretical and data analysis Sessions



- |                    |  |
|--------------------|--|
| <b>9-10</b>        | <ul style="list-style-type: none"> <li>• <i>Network analysis of post-synaptic proteomic data reveals molecular substructures associated with neurological disorders, <u>J Douglas Armstrong</u> (University of Edinburgh)</i></li> </ul>         |
| <b>10-12.30</b>    | <ul style="list-style-type: none"> <li>• <i>Data analysis and interpretation (data from practical session), <u>Viviana Greco</u> (Catholic University of the "Sacred Heart") and <u>Oksana Sorokina</u> (University of Edinburgh)</i></li> </ul> |
| <b>11-11.30</b>    | Coffee break   |
| <b>12.30-13.30</b> | <ul style="list-style-type: none"> <li>• <i>Functional Proteomics: protein-protein interactions, <u>Maria Monti</u> (CEINGE and University of Naples Federico II)</i></li> </ul>   |
| <b>13:30</b>       | Closing Remarks and lunch  |

### 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**

Secretariat contact (**Claudia Mignoli**): 081 3737824

Proteomics lab: 0813737895-867



Fondazione ItPA onlus



## Theoretical-Practical EuPA Summer School



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

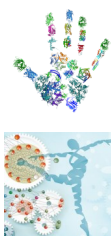
Naples, 14-17 June 2022





## Tuesday, 14 June

### Theoretical Sessions



<b>10</b>	Registration and welcome coffee
<b>10.30</b>	Opening Remarks, <u>Paola Roncada</u> (ItPA President)
<b>11-12</b>	• Opening lecture: <i>The potential of quantitative proteomics</i> , <u>Andrea Urbani</u> (Catholic University of the "Sacred Heart")
<b>12-13</b>	• <i>Experimental design in proteomics</i> , <u>Tiziana Alberio</u> (University of Insubria)
<b>13-14</b>	Lunch
<b>14-15</b>	• <i>Analytical methods in proteomics</i> , <u>Flora Cozzolino</u> (CEINGE and University of Naples Federico II)
<b>15-15.30</b>	Coffee break
<b>15.30-16.30</b>	• <i>Analytical methods in proteomics for PTMs</i> , <u>Roman A Zubarev</u> (Karolinska Institute)
<b>16.30-17.30</b>	• <i>Protein identification</i> , <u>Alessio Soggiu</u> (University of Milan)

## Wednesday, 15 June

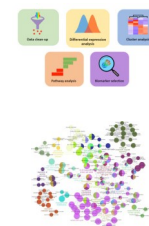
### Hands-on Sessions



<b>9-18</b>	1) <i>Mass mapping and PTMs identification of H4 histone.</i> Peptide mixture will be analysed by MALDI-TOF/TOF.
	2) <i>Shotgun label free differential proteomic analysis.</i> Peptide mixtures will be analysed by LTQ-Orbitrap XL
<b>11.30</b>	Coffee Break
<b>13</b>	Lunch
<b>16.30</b>	Coffee Break

## Thursday, 16 June

### Theoretical Sessions and social event



<b>9.30-10.30</b>	• <i>Methodological approaches in Quantitative Proteomics</i> , <u>Peter Horvatovich</u> (University of Groningen)
<b>10.30-11</b>	Coffee Break
<b>11-12</b>	• <i>Applicative tools for quantitative proteomics</i> , <u>Marianna Caterino</u> (CEINGE and University of Naples Federico II)
<b>12-13</b>	• <i>Feature selection in quantitative proteomics</i> , <u>Mauro Fasano</u> (University of Insubria)
<b>13-14</b>	Lunch
<b>15.30</b>	Cultural event: visit to Campi Flegrei with a guide and social dinner