

Program

14.00-14.15 **Opening Remarks – The technological platforms of the University of Milano (UNITECH)**

Gabriella Tedeschi (Rector delegate for the UNITECH - University of Milano)

14.15 -14.30 **Presentation of the OMICs platform**

Donatella Caruso (Coordinator of the scientific committee OMICs -University of Milano)

Fiorenza Farè (Technical manager OMICs -University of Milano)

14.30 -14.50 **A workflow for data integration, analysis, and metabolite annotation for untargeted metabolomics**

Gianfranco Frigerio (University of Milano)

14.50-15.30 **Pathway-based omics data analysis and integration**

Henning Hermjakob (EMBL – EBI)

15.30-16.00 **Coffee break**

Chair: **Angela Bachi** (IFOM)

16.00-16.20 **Landscape of cancer edgetic perturbations through protein mechanisms and biological processes integration**

Francesco Raimondi (IEO)

16.20-16.40 **An innovative approach to integrate proteomics and metabolomics data in severe septic shock**

Manuela Ferrario (Milan Polytechnic)

16.40-17.00 **Conformational ensembles of intrinsically disordered proteins by native-MS**

Erika Ponzini (University of Milano-Bicocca)

17:00-17:20 **Mass Spectrometry and VC-1 Affinity Chromatography as an Integrated Strategy to Identify Pro-Inflammatory AGEs and ALEs**

Marco Mol (University of Milano)

17.20-17.30 **Closing remarks**

Tiziana Bonaldi (IEO)