

High-throughput MS-based proteomics and metabolomics: from cells to clinic

NOVARA | 25 June 2018 | CAMPUS PERRONE - Room CR01

• 8:30 – 9:15

Registration

• 9:15 – 9:30

Opening Ceremony

• 9:30 – 10:10

A multi-omics population approach for understanding the aging mouse liver

Evan G. Williams - *Institute of Molecular Systems Biology of ETH*

• 10:10 – 10:40

Metabolomic approach to validate a novel mitochondrial regulator

Nico Mitro - *Università di Milano*

• 10:40 – 11:00 Coffee Break & Poster

• 11:00 – 11:40

Metabolomics applications in biomedical research

Tomáš Čajka - *Institute of Physiology CAS, NIH West Coast Metabolomics Center*

• 11:40 – 12:00

New pharmacological targets for cystic fibrosis treatment from extensive proteomic profiling of F508del-CFTR expressing cells.

Clarissa Braccia - *Istituto Italiano di Tecnologia*

• 12:00 – 12:20

The Key to Big Biobanks: High Throughput Proteome Analysis of >100 Colon Cancer FFPE Tissue Samples

Jan Muntel - *Biognosys AG sponsored by Sciex*

• 12:00 – 12:20

GC×GC-(HR)-TOFMS for Metabolomics and Volatilomics

Jef Focant - *University of Liège sponsored by Leco*

• 12:40 – 14:00 Lunch

Registration deadline: 1st June

• 14:00 – 14:40

Challenges in biomarker validation for bladder cancer monitoring

Jerome Zoidakis - *Academy of Athens*

• 14:40 – 15:10

MALDI-MS Imaging of glomerular diseases: from the research to the clinical laboratory?

Andrew Smith - *Università di Milano Bicocca*

• 15:10 – 15:35

A target fishing and proteomic approach to study in vitro the effect of a new drug on M. tuberculosis

Marcello Manfredi - *Univ. del Piemonte Orientale*

• 15:35 – 16:00 Coffee Break & Poster

• 16:00 – 16:20

Two low and high vacuum imaging approaches for proteomics and metabolomics

Shimadzu Italia

• 16:20 – 16:40

Introduction to Agilent Seahorse XF Technology: Real-time, live cell metabolic analysis for life science research

Agilent

• 16:40 – 16:50

Discovery of carbonic anhydrase XII as a new biomarker and therapeutic target in multidrug resistant tumors via cell surface capture/mass spectrometry

Iris C. Salaroglio - *University of Torino*

• 16:50 – 17:00

Multi-omics profiling of pancreatic cancer stem-like cells

Claudia Di Carlo - *University of Verona*

• 17:00 – 17:05

Best poster awards

• 17:05 – 17:15 Closing remarks

Free for students, PhD students and young researcher (under 35)

<https://sites.google.com/a/uniupo.it/proteomics-metabolomics-novara-june-2018/home>