

**MS-BASED UNTARGETED PROTEOMICS AND METABOLOMICS:  
CANCER METABOLISM, THERAPEUTIC TARGETS AND BIOMARKERS**

**MONDAY 1<sup>TH</sup> JULY, 2019: Università di Verona, aula magna "De Sandre" Policlinico "G.B. Rossi"**

08:30–09:00 **Registration**

09:15–09:30 **Opening Ceremony**

09:30–10:15 **"Using lipidomics analysis to identify therapeutic targets in cancer and infection"**  
*Michael Wakelam (The Babraham Institute, Cambridge, UK)*

10:15 –10:30 **"Advanced metabolomics workflows for accelerating the discovery of novel metabolic insights"**  
*Anas Kamleh (Thermo Fisher)*

10:30–11:00 **Coffee Break & Posters**

*Chairs: Daniela Cecconi, Fulvio Magni*

11:00–11:40 **"Tumor suppressive function of lipolysis by proteomics and metabolomics"**  
*Ruth Birner-Gruenberger (Omics Center Graz, Medical University of Graz, Austria)*

11:40–12:10 selected talk from abstract

12:10–12:30 selected talk from abstract

12:30–12:45 **"Differential protein and lipid regulation in breast cancer highlights changes for inflammatory, immunity and receptor signalling pathways"**  
*David Heywood (Waters)*

12:45–13:00 **"A novel robust chromatography platform for deep and reproducible proteome coverage"**  
*Christof Mitterer (PharmaFluidics)*

13.00–14:00 **Lunch Break & Posters**

*Chairs: Marcello Manfredi, Donatella Caruso*

14:00–14:40 **"Metabolomics within systems medicine, linking metabolism in the liver and the gut with the brain"**  
*Cristina Legido-Quigley (King's College London)*

14:40–15:10 **"Stratification of patients based on the correlation between big data and clinic"**  
*Andrea Petretto (IRCCS Istituto G. Gaslini, Genoa, Italy)*

15:10 –15:25 **"Metabolomics screening in cancer patients: targeted and untargeted approaches"**  
*Marialuca Maldini (AB SCIEX)*

15:25 –15:30 **"Presentation of MS platform of Technology Platforms Center, University of Verona"**  
*Samantha Solito (University of Verona)*

15:30–16:00 **Coffee Break & Posters**

*Chairs: Massimo Donadelli, Daniela Cecconi*

16:00–16:40 **"Expression of lactate transporters (MCTs) in human cancers and exploitation as therapeutic targets"**  
*Fátima Baltazar (University of Minho, Portugal)*

16:40–17:10 **"Warburg caught in a TRAP. The mitochondrial chaperone TRAP1 in neoplastic growth"**  
*Andrea Rasola (University of Padua, Italy)*

17:10 –17:25 **"Latest Hardware and Software Innovations for Metabolomics"**  
*Nicola Cimino (Agilent)*

17:25 –17:45 selected talk from abstract

17:45–18:00 **Best poster awards**

17:55–18:00 **Closing remarks**