

METABOLOMICS IN CANCER

28th November 2018

University of Florence

Aula Rossa, Villa Ruspoli, Piazza Indipendenza 9, Florence

Scientific Committee

Marco Geppi, Lucia Calucci, Donatella Capitani, Mariapina D'Onofrio, Michele Chierotti, Giuseppe Pileio, Paola Turano

Organizing Committee

Veronica Ghini
Alessia Vignoli

Increasingly metabolomics, which attempts to profile all metabolites within a cell or biological system, is used to analyze cancer metabolism on a system-wide scale. The aim of this event is to provide an overview on the current state of metabolomic research in oncology.

Program

10.00-10.30 Registration

10.30 Marco Geppi (GIDRM board)
Welcome and Opening remarks

Scientific Session 1

11.00 Ulrich Günther (University of Birmingham)
"Using metabolic fluxes to decipher metabolism in cancer"

11.30 Angelo Di Leo (S. Stefano Hospital, Prato)
"Detecting microscopic residual disease in early breast cancer patients"

12.00 Daniela Gaglio (IBFM CNR - SYSBIO.IT Centre Milan)
"Metabolomics fingerprinting for cancer personalized medicine"

12.30 Francesco Annunziato (University of Florence)
"Tumor immunotherapy: from the theory to the clinical application"

13.00-14.00 Lunch

Scientific Session 2

14.00 Manfred Spraul (Bruker Biospin GmbH)
"News on IVDR NMR in clinical"

14.30 Leonardo Tenori (CERM – University of Florence)
"NMR-based metabolomics for cancer research"

15.00 Giuseppe Corona (CRO Aviano)
"Exploring serum metabolomics to implement risk criteria for first-degree relatives (FDR) of gastric cancer (GC) patients"

15.30 Giovanna Musco (S. Raffaele Hospital HRS, Milan)
"NMR metabolomics in haematologic malignancies and renal cancers: our experience with acute myeloid leukemia (AML) and renal cell carcinoma (RCC)"

16.00 Andrea Rasola (University of Padova)
"Warburg caught in a TRAP. The mitochondrial chaperone TRAP1 in neoplastic growth"

16.30 Panel discussion and Concluding remarks

Info

- Deadline for registration is November 18th 2018.
- Registration MUST be done at the GIDRM website:
www.gidrm.org

Registration fee:

50 € for non-GIDRM members
30 € for GIDRM 2018 members

Contacts:

firenze2018@gidrm.org

