# GIDRM
## Gruppo Italiano Discussione Risonanze Magnetiche

# 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:**
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