



REGIONE AUTÒNOMA DE SARDIGNA  
REGIONE AUTONOMA DELLA SARDEGNA



**SARDEGNA  
RICERCHE**

## 5<sup>th</sup> Metabolomics Sardinian Summer School: "Metabolomics in Cancer Biomarkers and Therapy: Promise and Future" 9<sup>st</sup>-13<sup>th</sup> of September 2019

**Venue:** Polaris Technology Park, Pula, Sardinia, Italy

### Course Objectives and Targets

Participants will attend theoretical sessions with lectures by experts, and practical sessions to deepen the theoretical and practical knowledge for using the main tools available to better understand the role of metabolism in cancer from a metabolomics point of view. The School is mainly targeted to researchers at an early stage in their career (but not only), from Biological Sciences, Health Sciences and other different background (including Bioinformatics) who are interested in learning about the role of metabolism in cancer by using a metabolomics approach.

### Topics Covered

- Analytical approaches in metabolomics: application of MS and NMR
- Metabolite identification
- Data analysis and integration with omics
- Metabolic reprogramming and vulnerability of tumors
- Oncogenes, oncometabolites, and tumor metabolism
- Metabolomics for discovery of new cancer drugs

### Applications

The course is funded by the Regional Sardinian government and **registration will be free of charge for all attendees**. Selection will be based on CV and a letter stating the motivations for attending the course and future research plans of candidates. Registration includes course material, lunches and coffee breaks (not accommodation expenses).

### Organizing Committee

- **Atzori Luigi**, Università Cagliari, Cagliari, Italy
- **Caboni PierLuigi**, University of Cagliari, Italy
- **Griffin Jules**, University of Cambridge, Cambridge, UK
- **Pastorelli Roberta**, Istituto di Ricerche Farmacologiche Mario Negri, IRCCS, Milano, Italy

**Program:** <http://sites.unica.it/metabolomicaclinica/events/scientific-school-2019/program-2019/>

**Registration:** send a mail to: [metabolomicschool2019@gmail.com](mailto:metabolomicschool2019@gmail.com)

For further information and registration details, please visit:

<http://sites.unica.it/metabolomicaclinica/events/scientific-school-2019/>

**Summer School contact:** [latzori@unica.it](mailto:latzori@unica.it); [metabolomicschool2019@gmail.com](mailto:metabolomicschool2019@gmail.com)