Computational and Translational Methods for Cancer Genomics
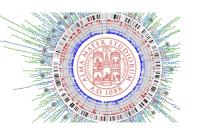
Tuesday May 29, 2018

Sala Ulisse, Accademia delle Scienze − Via Zamboni 31, Bologna

Session I: Translational approaches

10:00 – 10:10	Opening
10:10 – 11:00	**Christine Nardini**, Karolinska Institute (Sweden) Epigenomics and cancer – methylation as a marker in oncology.
11:00 – 11:20	Coffee Break
11:20 – 12:10	**Fatima Al-Shahrour**, CNIO, Madrid (Spain). Identifying druggable cancer dependencies for personalized medicine.
12:10 – 13:00	**Roberta Maestro**, CRO, Aviano Italy Genomics of soft tissue sarcomas.

Session II: Computational methods and tools

14:30 – 15:20	**Fabio Vandin**, University of Padova (Italy) Computational methods to discover significant mutations in cancer genomes.
15:20 – 16:10	**Pietro Lio'**, University of Cambridge (UK) Combining logic and machine learning in cancer diagnosis.
16:10 – 16:30	Coffee Break
16:30 – 17:20	**Hannah Carter**, UC San Diego (USA) Are tumors predictable? Inherited immune variation constrains tumor evolution.
17:20 – 17:30	Closing Remarks