

# **Towards Precision Medicine in Cancer Treatment**

Chieti, May 26<sup>th</sup>, 2017

***Directors***

***Paolo Marchetti & Clara Natoli***

9.00 Registration & Wellcome coffee

9.30 Opening  
Paolo Marchetti & Clara Natoli

**Chair:** Amedeo Pancotti and Nicola Tinari

09.50 The near future: P4 Medicine  
Saverio Alberti (Chieti)

10.10 Precision medicine-based clinical trials  
Clara Natoli (Chieti)

10.20 The impact of next-generation sequencing on precision medicine  
Antonio Marchetti (Chieti)

10.40 *Discussion leader*  
Francesco Grignani and Paolo Marchetti

11.00 *Coffee break*

**Chair:** Teresa Martino and Lucio Laudadio

11.40 Molecular subtypes of colorectal cancer: applications in diagnosis  
and treatment  
Dr. Mario Scartozzi (Monserrato, CAGLIARI)

12.00 Genomic profiling of prostate, colon and ovarian cancer: ready for prime?  
Daniele Generali (Cremona)

12.20 *Discussion leader*  
Corrado Ficorella & Giovanni Brandi

12.40 *Lecture*  
Cancer immunotherapy and precision medicine  
Marianna Nuti (Rome)

13.30 *Light Lunch*

**Chair:** Katia Cannita and Luciana Irtelli

14.30 ALK and ROS1 kinase inhibitors: molecular mechanisms of resistance  
Rita Chiari (Perugia)

14.50 MET receptor inhibition in solid tumors  
Roberto Bianco (Naples)

15.10 *Discussion leader*  
Riccardo Giampieri and Mario Roselli

**Chair:** Michele De Tursi and Luca Cindolo

15.30 Targeting castration-resistant prostate cancer  
Alberto Lapini (Florence)

15.50 BRAF and MEK inhibitors  
Antonio Grimaldi (Naples)

16.10 *Discussion leader*  
Silverio Tomao and Vincenzo Adamo

16.30 *Coffee break*

**Chair:** Antonino Grassadonia and Consiglia Carella

16.45 DNA Repair pathways as targets for cancer therapy  
Domenica Lorusso (Milan)

17:05 Biological and clinical impact of cancer stem cells in ovarian cancer  
Federica Tomao (Rome)

17.25 RANK as a therapeutic target in cancer  
Francesco Pantano (Rome)

17.45 *Discussion leader*  
Giuseppe Tonini and Clara Natoli

18:05 Conclusions  
Paolo Marchetti & Clara Natoli

18.15 ECM