

# Making it Personal: Cancer Precision Medicine Programme

Bergamo, Italy

5 - 7 November 2018



## Scientific Programme

### Monday 5th November 2018

- 11:30     **REGISTRATION**  
*Reception area*  
Until 13:00
- 12:00     **WELCOME LUNCH & TRADE EXHIBITION**  
A chance to meet fellow participants and enjoy a light buffet lunch before the first session.
- 13:00     **CONFERENCE INTRODUCTION**  
*Oggioni Lecture Hall*  
**Scientific Programme Committee**
- 13:05     **SESSION 1: DIAGNOSIS & EARLY DETECTION**  
Chair: Ze'ev Ronai
- 13:05     **OPENING KEYNOTE**  
**Andrea Califano**  
Columbia University, USA  
"Elucidating and targeting mechanisms of cancer cell state maintenance"
- 13:50     **Itay Tirosh**  
Weizmann Institute of Science, Israel  
"A unified model integrating cellular states and genetics for glioblastoma"
- 14:20     **Maja Marklund**  
Royal Institute of Technology (KTH), Sweden  
Proffered Paper 1: "Spatial Transcriptomics Analysis of Castration-Resistant Prostate Cancer"
- 14:35     **Lior Nissim**  
Hebrew University-Hadassah Medical School, Israel  
Proffered Paper 2: "Synthetic RNA-Based Immunomodulatory Gene Circuits for Cancer Immunotherapy"
- 14:50     **Exhibitor Introductions**  
One representative from each exhibitor will give a 60-second introduction to their company.
- 14:55     **COFFEE BREAK & TRADE EXHIBITION**  
*Hall Bar and Foyer*
- 15:30     **Ze'ev Ronai**  
Technion Integrated Cancer Center, Israel  
"From genes to microb(iota) and back"
- 16:00     **Fatima Mechta-Grigoriou**  
Institut Curie, France  
"Fibroblast heterogeneity in immunosuppression in breast cancer"

- 16:30 Oded Sandler  
Weizmann Institute of Science, Israel  
Proffered Paper 3: "Integrative Precision Therapy for overcoming innate drug resistance"
- 16:45 **MEET THE EXPERT**  
**Andrea Califano**  
Columbia University, USA  
Keynote speaker Prof. Califano will share from his personal perspective and experiences. There will be a chance to ask questions.
- 17:30 **POSTER DISCUSSION SESSION 1 & TRADE EXHIBITION**  
*Hall Bar and Foyer*  
Prosecco & finger buffet. Finishes at 19:00.

## Tuesday 6th November 2018

- 08:30 **POSTER VIEWING & TRADE EXHIBITION**  
*Hall Bar and Foyer*  
Coffee and tea available.
- 08:40 **INDUSTRY SPOTLIGHT - BIO-RAD**  
*Oggioni Lecture Hall*  
**Marzia Del Re**  
Pisa University Hospital  
"Liquid biopsy from activating mutations to target expression: the horizon is expanding"
- 09:00 **SESSION 2: IMMUNO-ONCOLOGY**  
Chair: Itay Tirosh
- 09:00 **Inge Marie Svane**  
CCIT Herlev Hospital, Denmark  
"Adoptive cell therapy based on TILs in the era of check point inhibitors"
- 09:30 **Shai Shen-Or**  
Technion, Israel  
"High resolution longitudinal immune profiling reveals a clinically meaningful metric from dynamics of healthy immune-aging towards an older adult homeostasis"
- 10:00 **Richard Crispin**  
Institute for Cancer Research, Norway  
Proffered Paper 4: "Development of small molecules for targeting the down-regulation of PDL1 in the potential immunotherapeutic treatment of leukaemia"
- 10:15 **COFFEE BREAK & TRADE EXHIBITION**  
*Hall Bar and Foyer*
- 10:45 **Silvia Formenti**  
Weill Cornell Medicine, USA  
"DNA Damage Response and Immune Rejection of Cancer"
- 11:15 **Ilaria Malanchi**  
The Francis Crick Institute, UK  
"New protagonists of the tumour microenvironment"
- 11:45 **INDUSTRY SYMPOSIUM - FLUIDIGM**

Presentation by the Elite Sponsor

**Amy Hamilton**

Fluidigm Corporation

"A Brief Introduction to Mass Cytometry"

- 12:00 **Shahram Kordasti**  
King's College London, UK  
"Bench to Bytes: Translating Big Data to the Clinic"
- 12:15 **BUFFET LUNCH & TRADE EXHIBITION**
- 12:45 **POSTER DISCUSSION SESSION 2**  
Coffee / tea will be served
- 14:15 **SESSION 3: DORMANCY & TOLERANCE**  
Chair: Richard Marais
- 14:15 **Alberto Bardelli**  
Candiolo Cancer Institute, Italy  
"Inactivation of DNA repair to improve immune surveillance"
- 14:45 **Christoph Klein**  
University of Regensburg, Germany  
"The dynamics of metastatic spread"
- 15:15 **Silvia Marsoni**  
FIRC Institute of Molecular Oncology, Italy  
Proffered Paper 5: "Charting individual metastases evolution in HER2 amplified metastatic colorectal cancer patients undergoing dual EGFR/HER2 therapeutic blockade"
- 15:30 **Marija Buljan**  
ETH Zurich, Switzerland  
Proffered Paper 6: "Identifying protein interactions relevant in cancer development"
- 15:45 **COFFEE BREAK & TRADE EXHIBITION**  
*Hall Bar and Foyer*
- 16:15 **Maria Soengas**  
CNIO, Spain  
"MetAlert mice: a platform for whole-body imaging and pharmacological targeting of metastatic niches"
- 16:45 **Eytan Rupp**  
NCI (NIH), USA  
"Harnessing genetic interactions to advance whole genome precision oncology"
- 17:15 **PANEL DISCUSSION**  
This session will be informal in style. We will facilitate a relaxed conversational atmosphere where participants are invited to join in with discussions led by members of the Scientific Programme Committee and invited speakers.
- 18:00 **OPTIONAL WALKING TOUR OF BERGAMO**  
*From venue to Città Alta*  
Get your free ticket when you register.
- 19:30 **OPTIONAL CONFERENCE DINNER**  
*Taverna Colleoni*

Buy your ticket when you register.

## Wednesday 7th November 2018

- 08:30 **POSTER VIEWING & TRADE EXHIBITION**  
*Hall Bar and Foyer*  
Coffee and tea available.
- 09:00 **SESSION 4: RATIONAL COMBINATIONS**  
Chair: Daniel Peeper
- 09:00 **Jean-Christophe Marine**  
VIB-KU Leuven Center for Cancer Biology, Belgium  
"Targeting minimal residual disease as a salvage strategy for melanoma targeted therapy"
- 09:30 **Richard Marais**  
CRUK Manchester Institute, UK  
"Making it personal in melanoma"
- 10:00 **Paul Workman**  
The Institute of Cancer Research, London, UK  
"Targeting non-oncogene addiction with HSF1 pathway inhibitors: From phenotypic screen to chemical probe and preclinical development candidate"
- 10:30 **COFFEE BREAK & TRADE EXHIBITION**  
*Hall Bar and Foyer*
- 11:00 **Gabriele Picco**  
Wellcome Sanger Institute, UK  
Proffered Paper 7: "Functional linkage of gene fusions to cancer cell fitness assessed by pharmacological and CRISPR/Cas9 screening"
- 11:15 **Daniel Peeper**  
NKI, Netherlands  
"Towards rational combinatorial cancer treatment – a functional genomics approach"
- 11:45 **CLOSING KEYNOTE**  
**David Solit**  
MSKCC, USA  
"Defining the actionable genome"
- 12:30 **MEETING SUMMARY & AWARDS**  
**Scientific Programme Committee**
- 12:45 **LUNCH**  
*Hall Bar and Foyer*  
Trade exhibition and lunch until close of meeting at 13:30