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 Ruppin**
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