Making it Personal: Cancer Precision Medicine Programme

Amsterdam, Netherlands
13 - 16 March 2017

EACR
European Association for Cancer Research
CONFERENCES
www.eacr.org

Scientific Programme

Monday 13th March 2017

11:00 REGISTRATION
Rode Hoed foyer
until 13:00

12:00 WELCOME LUNCH & OPENING OF THE TRADE EXHIBITION
Rode Hoed foyer & Oosterhuiszaal

13:00 CONFERENCE WELCOME
Daniel Peeper
Chair of the Scientific Programme Committee

13:10 KEYNOTE LECTURE
Chair: Daniel Peeper
Caroline Dive
CRUK Manchester Institute, UK
"Liquid biopsies: now and next"

13:55 SESSION 1: TUMOUR EVOLUTION
Chair: Margaret Frame

13:55 **Zlatko Trajanoski**
Innsbruck Medical University, Austria
"Immunoediting of the cancer genome during tumor progression and checkpoint blockade"

14:25 **Julia Boshuizen**
NKI, Netherlands
Proffered Paper 1: "Early elimination of invasive and multidrug-resistant melanoma by a novel anti-AXL antibody drug conjugate"

14:40 COFFEE BREAK
Rode Hoed foyer

15:15 KEYNOTE LECTURE
Chair: Daniel Peeper
Jeffrey Engelman
Novartis Institutes for BioMedical Research, USA
'Targeted therapies and resistance: where are we going?'

16:00 SESSION 2: ORGANOIDS, PDX, CTX, ODX
Chair: Joan Seoane

16:00 **Meritxell Huch**
Gurdon Institute, UK
"Liver organoids for the study of liver biology and disease"

16:30 **Nicholas Younger**
MRC Institute of Genetics & Molecular Medicine, UK

Proffered Paper 2: "A Combined Computational and Organoid-based Genetic Screening Strategy for the Identification of Novel Drivers of Intrahepatic Cholangiocarcinoma"

16:45 **Emile Voest**
NKI, Netherlands
"Tailoring treatment to the individual patient with metastatic cancer using patient-derived tumor organoids, the TUMOROID and SENSOR initiatives"

17:15 NETWORKING RECEPTION
Oosterhuiszaal bar & Rode Hoed foyer
with hot buffet dinner

18:30 KEYNOTE LECTURE
Chair: Emile Voest
Hans Clevers
Hubrecht Institute, Netherlands
"Lgr5 Stem Cell-based organoids in human disease"

Tuesday 14th March 2017

08:30 POSTER VIEWING
Lower balcony
coffee available to purchase from the bar

09:30 SESSION 3: METABOLOME TARGETS
Chair: Maria Sibilia

09:30 **Ayelet Erez**
Weizmann Institute of Science, Israel
"The contribution of aminoacids' metabolism to carcinogenesis"

10:00 **Eyal Gottlieb**
Technion Integrated Cancer Center, Israel
"The onco-metabolic role and liabilities of the TCA cycle in cancer"

10:30 **Deepti Mathur**
Mount Sinai, USA
Proffered Paper 3: "PTEN inactivation creates vulnerability to DHODH inhibition"

10:45 COFFEE BREAK
Rode Hoed foyer

11:15 SESSION 4: INFLUENCE OF THE MICROENVIRONMENT
Chair: Caroline Dive

11:15 **Margaret Frame**
Edinburgh CRC, UK
"Cancer cell polarization and immune evasion in the niche; co-regulation by the multitasking Focal Adhesion Kinase"

11:45 **Jorrit Enserink**
Oslo University Hospital, Norway
Proffered Paper 4: "HSP90 Inhibitors Selectively Target FLT3-ITD-driven Acute Myeloid Leukemia and Bypass TKI Resistance"

12:00 **Maria Sibilia**
Medical University of Vienna, Austria

"Cell-specific functions of the EGFR in tumor development"

12:30 **Bart Vanhaesebroeck**
UCL, UK
"Targeting PI 3-kinase delta in haematological malignancies and solid tumours"

13:00 LUNCH & TRADE EXHIBITION
Rode Hoed foyer

13:45 SATELLITE SYMPOSIUM - ELITE SPONSOR
Lecture hall

14:15 POSTER DEFENCE SESSION 1
Lower balcony
Coffee will be served at 15:00

15:45 SESSION 5: NEW TARGETS
Chair: Emile Voest

15:45 **Richard Marais**
CRUK Manchester Institute, UK
"Precision medicine for melanoma: are we there yet?"

16:15 **Joan Seoane**
Vall d'Hebron Institute of Oncology (VHIO), Spain
"Tumor microenvironment as a therapeutic target in glioblastoma"

16:45 **Elisabeth Chen**
Sanger Institute, UK
Proffered Paper 5: "An apoptotic priming assay identifies signatures of apoptotic sensitivity and drug response in colorectal cancer cells"

17:00 **Lars Zender**
University Hospital Tübingen, Germany
"In vivo RNAi technology and innovative cancer mouse models for accelerated target discovery"

Wednesday 15th March 2017

08:30 POSTER VIEWING
Lower balcony
coffee available to purchase from the bar

09:30 SESSION 6: COMBINATORIAL TARGETED & IMMUNO APPROACHES
Chair: Richard Marais

09:30 **Elena Galvani**
CRUK Manchester Institute, UK
Proffered Paper 6: "Tumour mutational load does not correlate with response to anti-PD-1 treatment in a mouse model of melanoma"

09:45 **Christian Blank**
NKI, Netherlands
"Combining targeted and immunotherapy in melanoma – why intermittent combination might be the way to go"

10:15 COFFEE BREAK
Rode Hoed foyer

10:45 Daniel Peeper
NKI, Netherlands
"Systematic genetic perturbations to reveal therapeutic melanoma vulnerabilities"

11:15 **Roger Lo**
UCLA, USA
"Therapeutic Resistance to MAPK and PD-1 Targeting"

11:45 LUNCH & TRADE EXHIBITION
Rode Hoed foyer

12:30 SATELLITE SYMPOSIUM 2 - ELITE SPONSOR
Lecture hall

13:00 POSTER DEFENCE SESSION 2
Lower balcony

14:30 ROUND TABLE DISCUSSIONS
coffee served at 14:30, session ends at 16:00
This session enables participants and speakers to converse informally in smaller groups. Participants are free to ask any questions they like and to move freely between the tables of different speakers.

19:30 CONFERENCE DINNER
Restaurant-Café In De Waag
Pre-booked optional extra

Thursday 16th March 2017

08:30 LAST CHANCE TO VIEW POSTERS
Lower balcony
coffee available to purchase from the bar

09:30 MEET THE EXPERT SESSION
Chair: Daniel Peeper
Nuria Lopez-Bigas
IRB Barcelona, Spain
Nuria, a biomedical informatics expert, will share from her personal perspective and experiences. There will an opportunity to ask your questions.

10:15 SESSION 7: IMPLEMENTING GENOMICS INTO CLINICAL PRACTICE
Chair: Lars Zender

10:15 **Jos Jonkers**
NKI, Netherlands
"Determinants of therapy response and resistance in BRCA-deficient breast cancer"

10:45 COFFEE BREAK
Rode Hoed foyer

11:15 **João Neto**
NKI, Netherlands
Proffered Paper 7: "Quadruple vertical targeting of an oncogenic pathway as a treatment strategy to prevent drug resistance"

11:30 **Giorgio Stanta**
University of Trieste, Italy

"Research in patients' biological material as today's integral part of clinical activity"

12:00 CLOSING SUMMARY

Scientific Programme Committee

Poster Prizes and Meeting Bursaries will be presented by Giorgio Stanta

12:15 LUNCH AND DEPART

Rode Hoed foyer