Scientific Programme

Wednesday 12th February 2020

12:00  REGISTRATION  
until 13:30
12:30  WELCOME LUNCH & TRADE EXHIBITION
13:30  CONFERENCE WELCOME
Scientific Programme Committee
SESSION 1: CANCER METABOLISM, AUTOPHAGY AND TUMOR MICROENVIRONMENT
Chair: Verena Jendrossek
13:40  THE EMBO KEYNOTE LECTURE
Sharon Tooze  
The Francis Crick Institute, UK  
"Molecular mechanisms of autophagosome formation"
Q&A: 14:10 - 14:25
14:25  Katja Simon
Kennedy Institute of Rheumatology, UK  
"Autophagy in cell fate decisions in the immune & hematopoietic system"
Q&A: 14:45 - 14:55
14:55  Monica Vara-Perez
VIB – KULeuven, Belgium  
Proffered Paper 1: "BNIP3 sustains HIF1α to promote melanoma growth and dissemination"
Q&A: 15:05 - 15:10
15:10  EXHIBITOR INTRODUCTIONS
60-second intro by each company
15:20  COFFEE BREAK & TRADE EXHIBITION
15:50  Patrizia Agostinis
VIB – KULeuven, Belgium  
"Autophagy in tumor angiogenesis"
Q&A: 16:10 - 16:20
16:20  Almut Schulze
DKFZ, Germany  
"Understanding the complex role of lipid metabolism in cancer"
Q&A: 16:40 - 16:50
16:50  Sarah-Maria Fendt  
VIB-KU Leuven, Belgium  
“The role of metabolism in metastasis formation”  
Q&A: 17:10 - 17:20

17:20  POSTER SPOTLIGHTS  
3 top-scoring abstracts (posters 1-3) presented in 3 minute ‘flash talks’

17:30  NETWORKING RECEPTION  
An opportunity to make new connections over a drink and some light food

18:00  POSTER DISCUSSION SESSION 1  
until 19:30  
Posters 1-30 will be presented

Thursday 13th February 2020

08:30  POSTER VIEWING & TRADE EXHIBITION  
until 09:00  
Coffee / tea available

08:45  INDUSTRY SPOTLIGHT - VECTORBUILDER  
Matthew Wheeler  
"VectorBuilder - Advances in vector construction and virus packaging"

SESSION 2: CELL DEATH MECHANISMS  
Chair: Peter de Keizer

09:00  KEYNOTE LECTURE  
René Bernards  
NKI, Netherlands  
“Exploiting senescence for the treatment of cancer”  
Q&A: 09:30 - 09:45

09:45  Nataly Kravchenko-Balasha  
The Hebrew University of Jerusalem, Israel  
Proffered Paper 2: “Deciphering the intra-tumor and inter-patient signaling heterogeneity in cancer for the rational design of patient specific drug cocktails”  
Q&A: 09:55 - 10:00

10:00  David Wallach  
Weizmann Institute of Science, Israel  
“Novel insights into the functional roles of the signaling pathway for necroptotic death”  
Q&A: 10:20 - 10:30

10:30  COFFEE BREAK & TRADE EXHIBITION

11:05  Marion MacFarlane  
MRC Toxicology Unit, UK  
“Uncovering the Therapeutic Potential of BH3-mimetics in Patient-relevant Preclinical Models of Mesothelioma”  
Q&A: 11:25 - 11:35

11:35  Samuel Sidi
Icahn School of Medicine at Mount Sinai, USA
Proffered Paper 3: “FANCI Functions as a Repair/Apoptosis Switch in Response to DNA Crosslinks”
Q&A: 11:45 - 11:50

11:50  
**Dagmar Kulms**
TU Dresden, Germany
“Caspase-8 promotes progression of p53-proficient tumors”
Q&A: 12:10 - 12:20

12:20  
**POSTER SPOTLIGHTS**
3 top-scoring abstracts (posters 31-33) presented in 3 minute ‘flash talks’

12:30  
**LUNCH & TRADE EXHIBITION**

13:00  
**POSTER DISCUSSION SESSION 2**
Posters 31-59 will be presented

**SESSION 3: SENESCENCE, CANCER AND THERAPEUTIC TARGETING**
Chair: Patrizia Agostinis

14:30  
**Manuel Serrano**
ICREA Professor, IRB Barcelona, Spain
“Cellular senescence as a driver of multiple human diseases”
Q&A: 14:50 - 15:00

15:00  
**Marco Demaria**
ERIBA/UMCG, The Netherlands
“Modulating senescence-associated phenotypes to prevent side effects of cancer therapy”
Q&A: 15:20 - 15:30

15:30  
**Olivier E. Pardo**
Imperial College, UK
Proffered Paper 4: “Targeting the S6 kinase, RSK4, prevents chemoresistance and metastasis in lung cancer”
Q&A: 15:40 - 15:45

15:45  
**COFFEE BREAK & TRADE EXHIBITION**

16:15  
**Laura Conti**
MBC, University of Torino, Italy
Proffered Paper 5: “The immunotargeting of the xCT cystine/glutamate antiporter targets cancer stem cells and potentiates the efficacy of Her2-targeted immunotherapies in breast cancer”
Q&A: 16:25 - 16:30

16:30  
**Peter de Keizer**
UMC Utrecht, The Netherlands
“Targeting Heterogeneity in Senescence against Aging and Cancer”
Q&A: 16:50 - 17:00

17:00  
**Daniel Murphy**
CRUK Beatson Institute, UK
“Partners in crime: MYC, RAS and cell-extrinsic mechanisms of oncogenic cooperation”
Q&A: 17:20 - 17:30

17:30  DISCUSSION FORUM  
until 18:30  
Chair by Patrizia Agostinis, the panel of invited speakers will tackle this important question.  
“Novel frontiers in regulated cell death and senescence: what is the desirable type of cell inactivation in cancer therapy?”

19:00  CONFERENCE DINNER  
Optional ticketed dinner at Taverna Valtellinese

Friday 14th February 2020

08:30  POSTER VIEWING & TRADE EXHIBITION  
until 09:00  
Coffee / tea available

08:45  INDUSTRY SPOTLIGHT - TECAN  
Stefan Haberstock  
“Optimization of drug titration in cell based assays”

09:00  MEET THE EXPERTS TALK  
Silvia Formenti & Verena Jendrossek  
An interactive session with a focus on women in science where our two experts will share from their personal and professional perspectives on the path to scientific leadership.

SESSION 4: HARNESSING CELL DEATH AND CANCER VULNERABILITIES FOR CANCER THERAPY  
Chair: Marion MacFarlane

09:45  Clemens Schmitt  
MDC Berlin, Germany  
“Post-senescence: a matter of life and death”  
Q&A: 10:05 - 10:15

10:15  Verena Jendrossek  
Universität Duisburg-Essen, Germany  
“Novel opportunities for a biologic optimization of radiotherapy”  
Q&A: 10:35 - 10:45

10:45  COFFEE BREAK & TRADE EXHIBITION

11:15  Serk In Park  
Korea University College of Medicine, South Korea  
Proffered Paper 6: “Mobilization of Monocytic Myeloid-Derived Suppressor Cells (MDSC) Is Regulated by Osteoblast Activation by PTH1R”  
Q&A: 11:25 - 11:30

11:30  Brent Stockwell  
Columbia University, USA  
“Ferroptosis: mechanisms and therapeutic potential”  
Q&A: 11:50 - 12:00

12:00  CLOSING KEYNOTE  
Silvia C. Formenti
Weill Cornell Medicine, USA
“Radiotherapy to convert the tumor into an in situ vaccine”
Q&A: 12:30 - 12:45

12:45  CONFERENCE SUMMARY
       Scientific Programme Committee

13:00  LUNCH & DEPART