A Matter of Life or Death: From Basic Cell Death Mechanisms to Novel Cancer Treatments Programme

Amsterdam, Netherlands
1 - 3 February 2018

Scientific Programme

Thursday 1st February 2018

11:00 REGISTRATION
Rode Hoed foyer
until 13:00

12:00 WELCOME LUNCH & OPENING OF THE TRADE EXHIBITION
Including tea/coffee

13:00 CONFERENCE WELCOME
Oosterhuiszaal

Scientific Programme Committee

SESSION 1: MECHANISTIC INSIGHT IN THE REGULATION OF AUTOPHAGY AND THE ROLE OF SENESCENCE AS TUMOUR SUPPRESSOR
Chairs: Simone Fulda & Guillermo Velasco

13:05 OPENING KEYNOTE LECTURE
Kevin Ryan
Beatson Institute, UK
"Autophagy and cancer: issues we need to digest"

13:50 Tor Erik Rusten
Oslo University Hospital, Norway
"Non-autonomous tumor growth support by autophagy"

14:20 Oriol de Barrios
IDIBAPS, Spain
Proffered Paper 1: “The EMT-factor ZEB1 promotes tumor progression through inhibition of cell senescence"

14:35 EXHIBITOR INTRODUCTIONS

14:45 COFFEE BREAK & TRADE EXHIBITION
Oosterhuiszaal & Foyer

SESSION 2: REGULATION OF CLASSICAL AND NON-CLASSICAL MODES OF APOPTOSIS
Chairs: Eugenia Piddini & Kevin Ryan

15:15 EMBO YOUNG INVESTIGATOR LECTURE
Ana J. García-Sáez
Universität Tübingen, Germany
"Bax and Bak at the single molecule level: telling the twins apart"

15:45 Jan Paul Medema
AMC, Netherlands
"Colorectal cancer, four subtypes with distinct biology"
16:15 POSTER DEFENCE SESSION 1  
*Lower Balcony*

17:45 NETWORKING RECEPTION & TRADE EXHIBITION  
*Oosterhuiszaal & Foyer*
With drinks & hot buffet dinner

19:00 EVENING KEYNOTE LECTURE  
*Scott Dixon*  
Stanford University, USA  
“The regulation of ferroptosis in cancer cells”

**Friday 2nd February 2018**

08:30 POSTER VIEWING & TRADE EXHIBITION  
*Oosterhuiszaal & Lower Balcony*
Coffee available to purchase

**SESSION 3: ROLE OF CELL SURVIVAL AND DEATH SIGNALING IN CANCER SUSCEPTIBILITY, TUMOUR GROWTH AND THERAPY RESPONSE**  
Chairs: Jan Paul Medema & John Silke

09:00 Eugenia Piddini  
University of Bristol, UK  
“The role of cell competition in tumour promotion”

09:30 Peter de Keizer  
UMC Utrecht, Netherlands  
“Targeted apoptosis of senescent cells against aging and cancer”

10:00 Yaron Fuchs  
Technion, Israel  
Proffered Paper 2: “Caspase-3 Regulates YAP-dependent Cell Proliferation and Organ Size”

10:15 Michael Hahne  
CNRS / IGMM, France  
Proffered Paper 3: “Primary cilia modulate susceptibility to colon carcinogenesis”

11:00 Stephen Tait  
Beatson Institute, UK  
“Mitochondrial apoptosis and cancer: from phantom menace to a force awakens”

11:30 Giorgio Stassi  
Palermo University, Italy  
“MAPK, PI3K and HER2 inhibition induces synthetic lethality in colorectal cancer stem cells regardless their mutational status”

12:00 BUFFET LUNCH & TRADE EXHIBITION  
*Oosterhuiszaal & Foyer*
13:00 Verena Jendrossek  
Universität Duisburg-Essen, Germany  
"Normal tissue response to ionizing radiation and therapeutic targeting"  

13:30 Sandra Demaria  
Weill Cornell Medical College, USA  
"Mechanisms regulating the immunogenicity of radiation-induced cancer cell death"  

14:00 Inge Verbrugge  
NKI, Netherlands  
Proffered Paper 4: "Chemo-Radio-Immunotherapy; Cisplatin improves abscopal effects following radiotherapy and α-CD137/α-PD1 mAbs"  

14:15 Jolien Bridelance  
VIB-UGent, Belgium  
Proffered Paper 5: "Identification of molecular mechanisms essential for necroptosis execution by using a genome-wide CRISPR-Cas knockout screening"  

14:30 Karin de Visser  
NKI, Netherlands  
"The immune system: a double-edged sword in metastatic breast cancer"  

15:00 POSTER DEFENCE SESSION 2  
Lower Balcony  
Coffee served  

16:30 ROUND TABLE DISCUSSIONS  
Oosterhuiszaal  
until 17:30  
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 groups of different speakers.  

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

Saturday 3rd February 2018  

08:30 POSTER VIEWING & TRADE EXHIBITION  
Oosterhuiszaal & Lower Balcony  
Coffee available to purchase  

SESSION 5: CELL DEATH REGULATION IN CANCER AND THERAPEUTIC TARGETING  
Chairs: Verena Jendrossek & Stephen Tait  

09:00 Andreas Villunger  
Medical University of Innsbruck, Austria  
"The PIDDosome – a signalling platform controlling p53 activation"  

09:30 Simone Fulda  
UCT Frankfurt, Germany  
"Novel opportunities to target cell death pathways for cancer therapy"  

10:00 Prashanthi Ramesh  
AMC, Netherlands
Proffered Paper 6: "BCL-xL specific stem cell resistance is maintained through colon cancer transformation and allows identification of optimal combination strategies"

10:15 **Silvia Vega-Rubin-de-Celis**  
DKFZ, Germany  
Proffered Paper 7: "Inhibition of HER2 tumorigenesis by Beclin 1 and an autophagy-inducing peptide"

10:30 **COFFEE BREAK & TRADE EXHIBITION**  
*Oosterhuiszaal & Foyer*

11:00 **John Silke**  
Walter and Eliza Hall Institute, Australia  
"Pump it Up - Will Smac-mimetics make it into the clinic? If so how and when?"

11:30 **Guillermo Velasco**  
Complutense University, Spain  
"Molecular mechanisms involved in the stimulation of autophagy-mediated cancer cell death"

12:00 **Evangelos Kondylis**  
University of Cologne, Germany  
"IKK/NF-κB and RIPK1 signalling in cell death and inflammation"

12:40 **CLOSING SUMMARY**  
*Scientific Programme Committee*

Poster Prizes and Meeting Bursaries will be presented by Verena Jendrossek

13:00 **LUNCH AND DEPART**  
*Rode Hoed foyer*