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

13:05 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

15:15 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

09:00 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"

10:30 COFFEE BREAK & TRADE EXHIBITION
Oosterhuiszaal & Foyer

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 SESSION 4: IMPACT OF CELL DEATH ON IMMUNE RESPONSES TO CANCER AND CANCER THERAPIES
Chairs: Ana J. García-Sáez & Manolis Pasparakis

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 a-CD137/a-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

09:00 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-kB 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