

SCIENTIFIC PROGRAM

2014 ECDO Meeting: Death and Rejuvenation

(22nd Conference of the European Cell Death Organization)

Wednesday October 1st – Saturday October 4th, 2014

Wednesday, October 1st

15:00 - 19:00 **Registration**

Official Opening & ECDO Honorary Lecture

Chair: **Nektarios TAVERNARAKIS** [IMBB-FORTH, University of Crete, Heraklion, Greece]

19:00 19:15 Welcome Address

19:15 - 20:00 **ECDO Honorary Lecture**

Gerry COHEN [MRC, Liverpool, UK]

BCL-2 Inhibitors and Cancer Chemotherapy

20:00 *Welcome Reception*

Thursday, October 2nd

Session 1: Molecular Mechanisms and Pathways of Cell Death

Chair: **Marie-Lise GOUGEON** [Institut Pasteur, Paris, France]

- 09:00 - 09:30 **Gerry MELINO** [MRC, University of Leicester, UK]
TAp73 Regulates Tumour Angiogenesis by Promoting Hypoxia-inducible Factor 1 α Degradation
- 09:30 - 10:00 **Jiri BARTEK** [Danish Cancer Society, Copenhagen, Denmark]
Cellular Responses to Genotoxic Stress: Mechanisms and Relevance for Tumorigenesis
- 10:00 - 10:30 **Boris TURK** [Stefan Institute, Ljubljana, Slovenia]
Lysosomes: at the Crossroads between Cell Death and Survival
- 10:30 - 11:00 *Coffee Break*
- 11:00 - 11:30 **Kodi RAVICHANDRAN** [University of Virginia, Charlottesville, USA]
Benefits of Apoptotic Cell Recognition and Cell Clearance
- 11:30 - 11:45 **Short Talk 1:**
Liming SUN [Institute of Biochemistry and Cell Biology, Shanghai, China]
Necrosome Core Machinery: MLKL
- 11:45 - 12:00 **Short Talk 2:**
Guy BROWN [University of Cambridge, UK]
Caspase-8 Inhibition Induces Necroptosis Specifically in Activated Microglia, Preventing their Phagoptosis of Neurons
- 12:00 - 12:30 **Peter VANDENABEELE** [VIB Inflammation Research Center, Gent, Belgium]
Molecular Mechanisms of Necroptosis: Old Paradigms Come Back
- 12:30 - 13:00 **Carlos IBANEZ** [Karolinska Institute, Stockholm, Sweden]
Genetic Dissection of Death Receptor Signalling
- 13:15 - 14:30 *Lunch Break*

Session 2: Inflammation

Chair: **Peter VANDENABEELE** [VIB Inflammation Research Center, Gent, Belgium]

- 14:30 - 15:00 **Seamus MARTIN** [Trinity College, University of Dublin, Ireland]
Cell Death and Inflammation
- 15:00 - 15:30 **George KOLLIAS** [BSRC "Alexander Fleming", Athens, Greece]
TNFR Signalling in the Mesenchyme
- 15:30 - 15:45 **Short Talk 3:**
Geert VAN LOO [Ghent University, Belgium]
A20 in Inflammatory Signaling and Pathology
- 15:45 - 16:15 **Manolis PASPARAKIS** [University of Cologne, Germany]
RIP Kinases in Cell Death and Inflammation
- 16:15 - 16:45 **Junyin YUAN** [Harvard Medical School, Boston, USA]
Regulation of the RIP1 Kinase: at the Crossroads of Cell Death and Inflammation
- 17:00 - 18:30 **POSTER SESSION 1**
- 17:00 - 18:00 **ECDO Board Meeting**
- 20:00 *Gala Dinner*

Friday, October 3rd

Session 3: Degradation Processes and Cell Death

Chair: **Mauro PIACENTINI** [University of Rome, Italy]

- 09:00 - 09:30 **Ding XUE** [University of Colorado, Boulder, USA]
Targets of Caspases -- Death by A Few Cuts
- 09:30 - 10:00 **David WALLACH** [Weizmann Institute of Science, Rehovot, Israel]
Anti-inflammatory Functions of Caspase-8
- 10:00 - 10:30 **Ivan DIKIC** [Goethe-Universität, Frankfurt, Germany]
Linear Ubiquitination in Cell Death Pathways
- 10:30 - 11:00 **Coffee Break**
- 11:00 - 11:30 **Kevin RYAN** [Beatson Institute for Cancer Research, Glasgow, UK]
Autophagy in Cell Death and Cancer
- 11:30 - 11:45 **Short Talk 4:**
Luizi LEANZA [University of Padua, Italy]
Targeting and Ion Channel for Selective Elimination of Cancer Cells in vivo
- 11:45 - 12:00 **Short Talk 5:**
Joseph OPFERMAN [St. Jude Children's Research Hospital, Memphis, USA]
Identifying Strategies to Inhibit Anti-Apoptotic MCL-1 in Philadelphia Chromosome Acute Lymphoblastic Leukemia
- 12:00 - 12:30 **Bertrand JOSEPH** [Karolinska Institute, Stockholm, Sweden]
The Return of the Nucleus: Epigenetic Control of Autophagy
- 12:30 - 14:00 **Lunch Break**

Session 4: Autophagy

Chair: **Alexander PINTZAS** [National Hellenic Research Foundation, Athens, Greece]

- 14:00 - 14:30 **Guido KROEMER** [University Paris Descartes, Paris, France]
Therapeutic Modulation of Autophagy
- 14:30 - 15:00 **David RUBINSZTEIN** [Cambridge Inst: Medical Research, Cambridge, UK]
Autophagy - from Neurodegeneration to the Plasma Membrane
- 15:00 - 15:30 **Patrice CODOGNO** [University Paris Descartes, Paris, France]
STK38 Kinase is a New Beclin 1 Partner required for Autophagosome Formation
- 15:30 - 15:45 **Short Talk 6:**
Andreas VILLUNGER [Medical University Innsbruck, Austria]
Combined Loss of the BH3-only Protein Bim and Bmf Restores B Cell Development and Function in TACI-Ig Mice
- 15:45 - 16:00 **Short Talk 7:**
Sylvie LEFEBVRE [Inflammation Research Center, VIB, Ghent, Belgium]
The Kinase RIPK1 Acts as a Guardian of Skin Homeostasis
- 16:00 - 16:30 **Patricia BOYA** [Centro de Investigaciones Biológicas, CSIC, Madrid, Spain]
Autophagy, Cell Death and Aging
- 16:30 - 18:30 **POSTER SESSION 2**

ECDO Honorary Lecture & General Assembly

Chair: **Guido KROEMER** [University Paris Descartes, Paris, France]

- 18:30 - 19:15 **ECDO Keynote Lecture**
Xin LU [The Ludwig Institute for Cancer Research, Oxford, UK]
From Cell Death to Sudden Death: Cardiotoxicity Revisited
- 19:15 - 19:30 **Poster Awards**
- 19:30 - 20:00 **ECDO General Assembly**

Saturday, October 4th

Session 5: Ageing and Regeneration

Chair: **Boris ZHIVOTOVSKY** [Karolinska Institute, Stockholm, Sweden]

- 09:00 - 09:30 **Frank MADEO** [University of Graz, Germany]
From Dying Yeast to Longevity Drugs
- 09:30 - 10:00 **Daren BAKER** [Mayo Clinic, Rochester, USA]
Targeted Apoptosis to Improve Animal Healthspan
- 10:00 - 10:30 **Briitte GALLIOT** [University of Geneva, Switzerland]
Cell Death, a Program to Regenerate in Hydra
- 10:30 - 11:00 *Coffee Break*
- 11:00 - 11:30 **Luca SCORRANO** [University of Padova, Italy]
Keeping Mitochondria in Shape: A Matter of Life and Death
- 11:30 - 12:00 **Thomas LANGER** [University of Cologne, Germany]
Mitochondrial Quality Control and Neurodegeneration
- 12:00 - 12:15 **Short Talk 8:**
- Anne HAMACHER-BRADY** [German Cancer Research Center, Heidelberg, Germany]
Canonical BH3-only Proteins Trigger Macroautophagy-independent, Ubiquitin-mediated Intramitochondrial Processing
- 12:15 - 12:45 **Nektarios TAVERNARAKIS** [IMBB-FORTH, University of Crete, Heraklion, Greece]
Coordination of Mitophagy and Mitochondrial Biogenesis during Ageing
- 12:45 - 13:00 **Closing Remarks**