



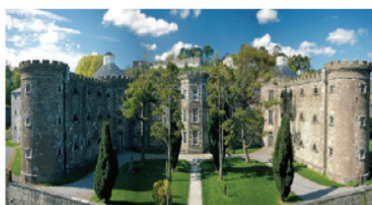
***INTERNATIONAL CELL DEATH
SOCIETY PRESENTS***

***Cell Death and its
Translational Ramification***

The Kingsley Hotel

Cork, Ireland

June 2-4, 2016



Organized by:

T. Cotter, R.A. Lockshin, Z. Zakeri

“Cell Death and its Translational Ramification”

Conference location: *The Kingsley Hotel, Victoria Cross, Cork, Ireland*

DATE: June 2-June 4, 2016

Organizers:

Tom Cotter, R.A. Lockshin, Z. Zakeri

Registration opens at 9 AM-6PM

WORKSHOP ON CELL DEATH Methods

This workshop is free of charge to all students

Thursday June 2nd

Chair: Katharina Dherde, (Belgium):

- 1:00-1:30** **Mauro Piacentini, (Italy):** Regulation of proteostasis under stressful cellular conditions
- 1:30-2:00** **Devrim Gozuacik, (Turkey):** Value of Micro RNAs in cell death
- 2:00- 2:30** **Samuel Katz, (USA):** The BCL-2 Family: From Basic Apoptosis to the Clinic and Beyond
- 2:30-3:00** **Jerry Chipuk, (USA):** Mitochondrial control of apoptosis

OFFICIAL START OF THE SCIENTIFIC SESSIONS OF THE MEETING

Thursday June 2nd

Welcome Introduction and awards:

Chair: Zahra Zakeri, (USA):

- 4:15-4:30** **Zahra Zakeri, (USA):** Introduction and welcome:
- 4:30-4:45** **Richard A. Lockshin, (USA):** Presenting Award to Hermann Steller
- 4:45-5:30** **Hermann Steller, (USA):** Regulation of apoptosis in development, stem cells and cancer
- 5:30-5:45** **Tom Cotter, (Ireland):** Presenting Award to Seamus Martin
- 5:45-6:30** **Seamus Martin, (Ireland):** Cell Death: An Inflammatory Perspective'

7:00- Dinner

Friday June 3rd

Cell Death and Cancer Therapy:

Chair: Annie Joubert, (South Africa):

9:00-9:30 Boris Zhivotovsky, (Sweden): miRNAs' role in sensitivity of lung adenocarcinoma to treatment

9:30-10:00 Marc Diederich, (Republic of Korea and Luxembourg): Cardenolides trigger mitophagy, apoptosis or necroptosis in human neuroblastoma

10:00-10:30 Erik Norberg, (Sweden): Profiling and targeting of tumor metabolism

10:30-11:00 Coffee

Chair: Dhyan Chandra, (USA):

11:00-11:30 Simone Fulda, (Germany): Novel opportunities for exploiting programmed cell death pathways for cancer therapy

11:30-12:00 Rolf Brekken, (USA): Blockade of phosphatidylserine and immune activation in cancer

12:00-12:30 Adrienne Gorman, (Ireland): Targeting cell survival pathways in breast cancer

12:30-12:45 Olga Koval, (Russia): Virotherapy. engineering of double recombinant vaccinia virus with enhanced oncolytic potential for solid tumor

12:45-2:00 Lunch and “Technical workshop: information provided by companies”

Mechanisms of Cell Death Mitochondria:

Chair: Jerry Chipuk, (USA):

2:00-2:30 Sarit Larisch, (Israel): ARTS initiates apoptosis by regulating XIAP and Bcl-2 family members

2:30-3:00 Triona Ni Chonghaile, (Ireland): Determining mitochondria's distance to death's door

3:00 -3:30 Coffee Break

Chair: Marianne Cronje, (South Africa):

3:30-4:00 Atan Gross, (Israel): Importance of mitochondria metabolism for regulating the DNA damage response in hematopoietic stem cells

- 4:00- 4:30** **Johannes V. Swinnen, (Belgium):** Regulation of cell death susceptibility by modulating mitochondrial phospholipid saturation
- 4:30-5:00** **Marcos A. Carpio, (USA):** Regulation of apoptosis by pro-apoptotic BOK
- 5:00-7:00** **Poster Viewing**
- 7:00** **Dinner**

Saturday June 4th

Mechanisms of Cell Death and Host Defense:

Chair: **Marie-Lise Gougeon, France:**

- 9:00-9:30** **Helin Vakifahmetoglu-Norberg, (Sweden):** CMA, Metabolic catastrophe and cell death
- 9:30-10:00** **Benedicte Py, (France):** Regulation of the NLRP3 inflammasome by post-translational modifications
- 10:00-10:30** **Zvi Fishelson, (Israel):** Activators and inhibitors of programmed necrotic cell death induced by the complement C5b-9 complex
- 10:30-11:00** **Coffee Break**

Mechanisms of Cell Death-Caspases and Other Mechanisms

Chair: **Carlos Penalzoza (USA):**

- 11:00-11:30** **Eli Arama, (Israel):** Move or Die: Linking caspases and cell migration and invasion in *Drosophila*
- 11:30-12:00** **Cristina Muñoz Pinedo, (Spain):** Caspase-8 dependent apoptosis induced by glucose deprivation
- 12:00-12:15** **Maxime Bouchard, (Canada):** Modulation of apoptotic commitment by lar-family phosphatases- ciap1 signalling during urinary tract morphogenesis
- 12:15-12:30** **Ricky Connolly, (Ireland):** DNA-PK activity is required for caspase-dependant myogenic differentiation
- 12:30-12:45** **Miho Suzuki, (Japan):** High content imaging using fret-based sensor molecules
- 12:30- 2:00** **Lunch**

Mechanisms of Cell Death: Role of ROS:

Chair: **Samuel Katz (USA):**

- 2:00-2:30** **Tom Cotter, (Ireland):** Oncogene driven redox survival signalling in tumour cells
- 2:30-3:00** **Frank Böhmer, (Germany) :**Redox regulation of FLT3ITD signaling in cells of Acute Myeloid Leukemia
- 3:00-3:30** **Coffee Break**

Mechanisms of Cell Death: Role of ROS:

Chair: **Raymond Birge; (USA):**

- 3:30-4:00** **Alex Tonks, (UK):** The role of reactive oxygen species in acute myeloid leukaemia; cell death, proliferation and metabolism
- 4:00-4:30** **Shazib Pervaiz, (Singapore):**The protective effect of S70 phosphorylated Bcl-2 against DNA damage induced by SOD1 downregulation in cancer cells.
- 4:30- 4:45** **Mojgan Djavaheri-Mergny, (France):**A G-quadruplex ligand induces autophagy and restricts cancer cell division.
- 4:45-5:00** **Jan Kovar, (Czech Republic):** Proteins expressed differently in resistant cancer cells

5:00-7:00 **WORKSHOP ON BUILDING A CAREER IN THE FIELD OF CELLDEATH: WHAT IS THE FUTURE OF THIS FIELD?: PANEL DISCUSSION.**

Chair: **Zahra Zakeri**

Panelists; **Eli Arama; Jerry Chipuk; Katharina D'Herde; Simone Fulda; Samuel Katz; Sarit Larisch, Seamus Martin**

8:30 **Gala Dinner**