The Fifth International Cell Death

Society Symposium

Maynooth, Ireland 2004

Friday 25th June 2004

Time	Session, Topic
11:00 am-7:00 pm	**Delegate Registration (HumeBuilding, North Campus)**

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I. Welcome and Introduction

2:00-2:30pm	**Zahra Zakeri** Queens College, City University of New York, U.S.A.

II. Modulators of cell death and cell survival

Chair: Junying Yuan

2:30-3:00 pm	**Chemical Definition of a Novel Cell Death Pathway**

Junying Yuan: Harvard Medical School, U.S.A.

3:00-3:30 pm **Bad integrates glycolysis & apoptosis through amitochodrial macromolecular complex with glucokinase**

Nika Danial: Howard Hughes Medical Institute, U.S.A

3:30-4:00 pm **Role of the BH3-Only protein BIM in diseases**

Philippe Bouillet: WEHI, Australia

4:00-4:30pm **Effectors and inhibitors of Bcl-2 family proteins on mitochondria and the ER**

Christoph Borner: Institute of Molecular Medicine& Cell Research, Germany

4:30-5:00pm **Coffee**

5:00-5:30pm **IGF-1 survival signaling in tumor cells**

Rosemary O'Connor: National University of Ireland, Ireland

5:30-6:00pm Bax-induced calcium release and wave propagation in cell death

Soraya Smaili: Federal University of Sao Paulo, Brazil.

6:00-6:20pm **LEDGF: a novel modulator of cell death and survival in the face of stress**

Carlos Casiano: Loma Linda University School of Medicine, U.S.A.

6:20-6:40 **The roles of BID in apoptosis**

Atan Gross: Weizmann Institute, Israel

7:00pm-10:00pm **Welcome reception (hot buffet, Pugin Hall)**

Saturday 26th June 2004

III. Paths to destruction—Receptor driven pathways

Chair: Roya Khosravi-Far

9:00-9:30am **Studies from Fas to the engulfment of apoptotic cells**

Shigekazu Nagata: Osaka University Medical School, Japan.

9:30-10:00am **CD95 (Apo-1/FAS) signaling pathways and diseases**

Peter Krammer: German Cancer Research Center, Germany

10:00-10:30am **TRAIL-induced signaling and apoptosis**

Marion Macfarlane: University of Leicester, U.K

10:30-10:50am **The Mer tyrosine kinase (Mertk) provides 'enhancing signals' for abb5-integrin-mediated phagocytosis of apoptotic cells**

Raymond Birge: UMDNJ-New Jersey Medical School, U.S.A

10:50-11:20am **Coffee**

11:20-11:50am **The PIDDosome, a protein complex implicated in activation of caspase-2 in response to genotoxic stress**

Jurg Tschopp: University of Lausanne, Switzerland:

11:50-12:20 **Molecular switches and spatial control of cell death in neurons**

Pierluigi Nicotera: University of Leicester, U.K

12:20-12:50am **Mechanisms controlling sensitivity and resistance to TRAIL.**

Henning Walczak: German Cancer Research Center, Germany

12:50-1:10pm 40pm **Regulation of divergent cell death pathways by Bcr-Abl**

Gustavo Amarante-Mendes: University of Sao Paulo, Brazil

12:40-1:1000pm **Mechanisms controlling sensitivity and resistance to TRAIL.**

Henning Walczak: German Cancer Research Center, Germany

1:00-2:15pm **Lunch**

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IV. Paths to destruction—Intracellular Pathways

Chair: Michael Hengartner

2:15-2:45pm **Cell death pathways in cancer**

Yuri Lazebnik: Cold Spring Harbor Laboratory, U.S.A

2:45-3:15pm **The dual role of Omi/HtrA2 in survival and death**

Emad Alnemri: Thomas Jefferson Univ., U.S.A.

3:15-3:45pm **Monitoring mitochondrial and post-mitochondrial death signals in real time**

Jochen Prehn: Royal College of Surgeons in Ireland, Ireland

3:45-4:15pm **Coffee**

4:15-4:45pm **Bcl-Xl can repair apoptotic permeability of the mitochondrial outer membrane in vitro**

Ruth Kluck: Walter & Eliza Hall Institute of Medical Research, Australia

4:45-5:05pm **Die another way!**

Afshin Samali: National University of Ireland, Ireland

5:05-5:25pm **The BH3 domain protein BNIP3 provokes mitochondrial defects and hypoxia-mediated cell death of ventricularmyocytes**

Lorie Kirshenbaum: University of Manitoba, Canada

5:30-pm **Poster session**

7:30pm **Dinner (Pugin Hall, South Campus) followed by Social Event.**

Sunday 27th June 2004

V. Agents of destruction (caspases, cathepsins, granzymes)

Chair: Raymond Birge

9:00-9:30am **Cellular and therapeutic aspects of caspase modulation**

Don Nicholson: Merck Research Laboratories, U.S.A

9:30-10:00am **Transcriptional Regulation of Caspase activation in Drosophila**

Sharad Kumar：Hanson Institute, Australia

10:00-10:30am **Granzyme A directly triggers mitochondrial damage (withoutapoptogenic factor release) that is necessary for apoptosis induction**

Judy Lieberman: The CBR Inst. For Biomedical Research, Harvard Medical School, U.S.A

10:30-11:00am **Coffee**

11:00-11:30am **Identification of novel substrates of the CTL/NK proteaseGranzyme B**

Seamus Martin: Trinity College Dublin, Ireland

11:30-12:00am **Caspase activation inhibits proteasome function during apoptosis**

Gerry Cohen: University of Leicester, U.K

12:00-12:30am **Expanding roles for the apoptosome in development and diseases**

Francesco Cecconi: University of Rome “Tor Vergata”, Italy

12:30-1:00pm **Lysosomal control of tumor cell death**

Marja Jättellä: Institute of CancerBiology, Denmark

1:00-2:30pm **Lunch**

VI. Sensing and Responding to Damage

Chair: Hans-Uwe Simon

2:30-3:00pm **Molecular networks in programmed cell death: DAP genes and beyond**

Adi Kimchi: Weizmann Institute, Israel

3:00-3:30pm **BRCA1- A differential modulator of chemotherapy induced apoptosis**

Paul Harkin: Belfast City Hospital, N. Ireland

3:30-3:50pm **Actin cytoskeleton network as a modulator of apoptosis andphagocytic activity in metastatic melanoma cells**

Walter Malorni: Istituto Superiore di Sanita, Italy

3:50-4:20pm **Coffee**

4:20-4:50pm **Regulating the apoptotic function of p53 by the ASPP family of proteins**

Xin Lu: ImperialCollegeLondon, England

4:50-5:20pm **Cell Cycle Proteins in the Neuronal response to Neurodegenerative Stimuli**

Kelly Jordan: University of Pennsylvania School of Dentistry, U.S.A.

5:20-pm **Poster session**

7:30pm Meeting Dinner (Pugin Hall) Introductory Presentation
Richard A. Lockshin

Honoring Prof. Krammer and Prof. Nagata

Monday 28th June 2004

VII. Apoptosis in Action (Animal models, Immunity & Disease)

Chair: Amedeo Colombano

9:00-9:30am **Cell death in the eye: A model for disease and development**

Tom Cotter: University College Cork, Ireland

9:30-10:00am **Regulation of death ligand-induced apoptosis inimmunopathology**

Thomi Brunner: University of Bern, Switzerland

10:00-10:30am **Transglutaminase 2 regulates the mitochondrial respiratory complexes assembly in vivo through its protein disulphideisomerase activity**

Mauro Piacentini: University of Rome “Tor Vergata”, Italy

10:30-10:50am **Modulation of prostate tumor cells response to radiation**

Adrianna Haimovitz-Friedman: Memorial Sloan Kettering Cancer Center, USA

10:50-11:20am **Coffee**

11:20-11:50am **The NOD family of proteins: Role in innate immunity and inflammatory disease**

Gabriel Nuñez: University of Michigan Medical School, USA

11:50-12:10am Presence of functional extrinsic and intrinsic apoptotic pathways in human mesenchymal stem cells

Huseyin Mehmet: Imperial College London Hammersmith Hospital Campus, U.K

12:10-12:30am **Identification of proteins regulating p73 function**
VincenzoDe Laurenzi: MRC Toxicology Unit, U.K

12:30-1:00pm **Wrap-Up**

Boris Zhivotovsky: Karolinska Institutet, Sweden

1:00-2:15pm **Lunch and End of Meeting**