

Prague 2015

"Implementation of knowledge of cell death"

Conference location: *Hotel DUO, Prague, Czech Republic*

DATE: May 28- May 30, 2015

Organizers:

Jan Kovar, R.A. Lockshin, Z. Zakeri

Registration opens at 9 AM-6PM

WORKSHOP ON CELL DEATH: This workshop is free of charge to all students

Thursday May 28th

Chair: **Jan Kovar, (Czech Republic):**

1:00-1:30 Simone Fulda, (Germany): Cell death and cancer

1:30-2:00 Raymond Birge, (USA): Clearance of dying cells

2:00- 2:30 Marie-Lise Gougeon, (France): Cell death, infection and immunity

2:30-3:00 Tugba Bagci Onder, (Turkey): Epigenetic of cell death

OFFICIAL START OF THE SCIENTIFIC SESSIONS OF THE MEETING

Thursday May 28th

Welcome Introduction and awards:

Chair: **Zahra Zakeri, (USA):**

4:15-4:30 Zahra Zakeri, (U.S.A): Introduction and welcome:

4:30-4:45 Richard A. Lockshin, (U.S.A): Presenting Award to Scott Lowe

4:45-5:30 Scott Lowe, (USA): Mechanisms of cancer progression and regression

Cell Death and Cancer Therapy I:

Chair: **Richard A. Lockshin, (U.S.A):**

5:30-6:00 Tom Cotter, (Ireland): Oncogene control of tumor cell death and survival

6:00-6:30 Jan Kovar, (Czech Republic): Resistance of cancer cells to cell death induction by taxanes

7:00- Dinner

Friday May 29 th

Cell Death and Cancer Therapy II:

Chair: **Simone Fulda, (Germany):**

9:00-9:30 Jean-Luc Perfettini, (France): Non-cell autonomous death and cancer

9:30-10:00 Boris Turk, (Slovenia): Lysosomes, cathepsins, cancer

Program Page | 12

Program

10:00-10:30 Zhixiong Chen, (Singapore): Unusual suspects identified in cancers of neural crest origin – an unexpected cell death pathway

10:30-11:00 Coffee

Chair: **Raymond Birge (U.S.A.):**

11:00-11:30 Blanka Rihova, (Czech Republic): Induction of Systemic Tumor Resistance with Targeted Polymer-Bound Drugs

11:30-12:00 Sharad Kumar, (Australia): Tumour suppression by Caspase-2.

12:00-12:15 Ivana Scovassi, (Italy): Modulation of intracellular pH in cancer cells drives multiple death pathways.

12:15-12:30 Erica Moravcikova, (Czech Republic): Tumour suppressor potential of *bok* gene in non-small cell lung carcinoma tissues and cell lines

12:30-2:00 Lunch and "Technical workshop: information provided by companies"

Mechanisms of Cell Death Mitochondria:

Chair: **Tugba Bagci Onder, (Turkey):**

2:00-2:30 Dhyana Chandra, (U.S.A): OXPHOS regulation of mitochondrial apoptosis in cancer

2:30-3:00 Jerry Chipuk, (U.S.A): Life and death decisions involving mitochondria and the BCL-2 family

3:00 -3:30 Coffee Break

3:30-4:00 Jaromira Kovarova, (Czech Republic): Acquisition of mitochondrial DNA by cancer cells is required for efficient tumour initiation.

4:00- 4:30 Sandra Zinkel, (U.S.A): Bid is a central regulator of cell death fates in hematopoiesis

4:30-5:00 Nazanine Modjtahedi , (France): Life with or without AIF

5:00- 5:15 Filiz Senbabaoglu, (Turkey): Investigating Novel TRAIL-Sensitizing Drugs For

Glioblastoma Multiforme

5:15-7:00 Poster Viewing

7:00 Dinner

Saturday May 30th

Mechanisms of Cell Death Autophagy:

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

9:00-9:30 Devrim Gozuacik, (Turkey): Autophagy dysregulation and disease

9:30-10:00 Patrizia Agostinis, (Belgium): The perks of immunogenic cancer cell death

10:00-10:15 Sounak Ghosh Roy, (U.S.A): Dengue-induced autophagy is triggered through ATM/ER stress/ROS-mediated signaling

10:15-10:30 Samuel Katz, (U.S.A): The bcl-2 family member bok promotes apoptosis in response to endoplasmic reticulum stress

10:30-11:00 Coffee Break

Program Page | 13

Program

Cell Death (Transglutaminase and more)

Chair: **Katharina D'Herde (Belgium):**

11:00-11:30 Mauro Piacentini, (Italy): The emerging role of Type 2 Transglutaminase in cellular proteostasis

11:30-12:00 Zsuzsa Szondy, (Hungary): Phagocytosis of apoptotic cells from the perspective of transglutaminase 2

12:00-12:15 Claudia Cerella, (Luxembourg): Early down-regulation of mcl-1 regulates apoptosis triggered by cardiac glycoside unbs1450

12:15-12:30 William Kaiser, (U.S.A): Death's trap door: necroptosis in host defense

12:15-1:30 Lunch

Mechanisms of Cell Death I:

Chair: Marianne Cronjé, (South Africa):

1:30-2:00 Junying Yuan, (U.S.A): The role of RIP1 kinase in human diseases

2:00-2:30 Qiang Yu, (China): Traditional Chinese Medicine, JAK/STAT signaling, and apoptosis.

2:30-3:00 Nesrin Ozoren, (Turkey): Assembly and Function of the ASC Pyroptosome

3:00-3:30 Coffee Break Mechanisms of Cell Death II: Chair: Eli Arama (Israel):

3:30-4:00 Pierre Golstein, (France): CELL DEATH IN DICTYOSTELIUM

4:00-4:30 Jeff Molkentin, (U.S.A): Molecular understanding of regulated cellular necrosis

4:30-5:00 Bernd Kaina, (Germany): Survival and death pathways triggered by a single- type of DNA alkylation damage

5:00-5:15 Keren Yacobi-Sharon, (Israel): Germ Cell Death: An Alternative Death

Pathway in *Drosophila*

5:15-5:30 Olga Koval, (Russia): How to reinforce lactaptin antitumour potential

5:30-7:00 WORKSHOP ON BUILDING A CAREER IN THE FIELD OF CELLDEATH: WHAT IS THE FUTURE OF THIS FIELD?: PANEL DISCUSSION.

Chair: **Zahra Zakeri, (U.S.A):**

Panelists; Junying Yuan. *Marie-Lise Gougeon*, Mauro Piacentini, *Simone Fulda*, Devrim

Gozuacik, Jerry Chipuk

8:30 Gala Dinner

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