

Conference Program
International Cell Death Society Symposium
on
“Multidisciplinary Approaches in Cell Death Research
From Yeast to Man”

Limak Limra Hotel, Kemer-Antalya, Turkey

May 28-31, 2010

[Date of last update: May 09, 2010]

Organizers:

Devrim Gözüaçik, Richard A. Lockshin, Melek Öztürk; Zahra Zakeri

Organizing Committee

*Ray Birge, Devrim Gözüaçik, Richard A. Lockshin, Roya Khosravi-Far, Melek Öztürk;
Nader Maghsoudi; Zahra Zakeri*

Tentative Meeting Program

Friday May 28, 2010

1. 9:00AM - 7:00PM

Welcome, Introduction, and Awards:

Chair: Zahra Zakeri, Queens College of C.U.N.Y, U.S.A

4:00 - 4:15pm **Introduction and welcome**

Zahra Zakeri: Queens College of C.U.N.Y., U.S.A.

Cell death and different model systems

Chair: Katharina D'Herde; Univ. Ghent, Belgium

4:15 - 4:45pm **Programmed Cell Death in Yeast: Subroutines, Mechanisms and Purposes**

Frank Madeo: Univ. Graz, Austria

4:45 - 5:15pm **Control of cell death by bacterial infection**

Thomas Rudel: Lehrstuhl für Mikrobiologie Würzburg

5:15 - 5:30pm **Hsp27 serine-specific phosphorylation is required for the suppression of ask1 activity and neuroprotective effect against ischemic neuronal injury**

R Anne Stetler, Univ.of Pittsburgh, USA

5:30 - 6:45pm **Calcium-sensing receptor-mediated survival in granulosa cells**

Araceli Diez-Fraile Ghent University, Ghent, Belgium

6:45 - 6:15pm **Necrotic cell death and the protective role of the heat shock response**

Nektarios Tavernarakis: Inst. Molec. Biol. Biotechnol., Greece

7:30pm Social hour, and Dinner

Saturday 29 May 2010

Chair: Nader Maghsoudi: Shahid Beheshti Univ. Iran

9:00 - 9:30am **Huntington's disease: linking huntingtin function in cellular dynamics to the control of neuronal death**

Frederic Saudou: Institut Curie, France

9:30 - 10:00am **Developmental control of apoptosis and proliferation by the Hippo pathway**

Nic Tapon: London Research Institute UK

10:00 - 10:30am **Redox regulated Cell Survival Strategies**

Tom Cotter: Univ. College Cork, Ireland

10:30 – 11:00am **Coffee Break**

New approaches in studying the dynamics of cell death and manipulating them:

Chair: Simone Fulda: Uniklinik Ulm, Germany

11:00-11:30am **Linking between human apoptosis and genome stability gene networks: an example for whole genome evolution**

Rita M. C. de Almeida: Univ. Fed. Rio Grande do Sul, Brazil

11:30- 12:00am **Studying the complexity of cell death by combining reductionist with systems level approaches**

Adi Kimchi: Weizmann Inst., Israel

12:00 - 12:30pm **Rancid smell of death: oxidative lipidomics of apoptosis**

Valerian E. Kagan, University of Pittsburgh, USA

12:30 - 1:00pm **Identification of proteolytic events in the membrane fraction of apoptotic cells using a quantitative proteomics approach**

Huseyin Mehmet: Merck, U.S. A

1:00 - 2:00pm Lunch

Regulation of cell death in cancer

Chair: Soraya Smaili, Univ São Paolo, Brazil

**2:00 - 2:30pm Sensitization of small cell lung carcinoma
cells to TRAIL-induced apoptosis**

Boris Zhivotovsky: Karolinska Institutet, Sweden

**2:30 - 3:00pm Evaluation of Apoptotic-Inducing Properties
of Indigenous Medicinal Plants in Cancer
Cells**

Marianne J Cronje: Univ. Johannesburg, South Africa

3:00 - 3:30pm Ubiquitin-mediated regulation of apoptosis

Pascal Meier: Institute of Cancer Research, UK

3:30 - 4:00pm Coffee

Chair: Melek Öztürk: Istanbul Univ. Turkey

4:00 - 4:30pm Caspase-9 promoter polymorphisms and ovary cancer

Melek Öztürk: Istanbul Univ. Turkey

4:30 - 5:00pm **Regulation of autophagy in mammals: the role of Ambra1**
Mauro Piacentini: Univ. Di Roma Tor Vergata & Hop. Spallanzani,
Italy

5:00 - 5:30pm **Apoptotic properties of EGCG, a major component of green tea, in HCT-116 human colon cancer cells**

Semra Koçtürk: Dokuz Eylül Üniv., Turkey

5:30 - 7:30pm **Posters**

7:30- **Dinner**

Sunday, May 30. 2010

Regulation of cell death

Chair: Selma Yilmazer Istanbul Univ. Turkey

9:00 - 9:30am **Keeping mitochondria in shape: A matter of life and death**

Luca Scorrano: Univ. Geneva, Switzerland

9:30 - 10:00am **Apoptosis: From the beginning to the end of life**

Seda Vatansever: Celal Bayar University, Turkey

10:00 - 10:30am Lysosomes as mediators or amplifiers of cell death?

Boris Turk: Stefan Institute, Slovenia

10:30 - 11:00am Coffee

Regulation of cell death:

Chair: Ray Birge, UMDNJ, USA

11:00 - 11:30am Apoptotic Cell Death and Tolerance

Peter Krammer: Univ. Heidelberg, Germany

11:30 -12:00noon Lysosomal Sphingolipid Metabolism as a Target for Cancer Therapy

Marja Jäättelä: Danish Cancer Society, Denmark

12:00 - 12:30pm Cellular senescence and immortality in liver cancer

Mehmet Ozturk: Institut Albert Bonniot Grenoble, France

12:30 - 12:45pm Simultaneous Induction of Non-Canonical Autophagy and Apoptosis in Cancer Cells by ROS-dependent ERK and JNK activation

Shazib Pervaiz Graduate Medical School, Singapore

12:45 - 1:00pm **New role for an anti-atherosclerotic enzyme: pon2 confers apoptosis resistance and is overexpressed in tumors**

Sven Horke, Univ. of Medicine, Mainz, Germany

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

Regulation of cell death:

Chair: Marie Lise Gougeon: Institut Pasteur, France

2:00 - 2:30pm **With or without AIF**

Nazanine Modjtahedi: INSERM, Institut Gustave-Roussy, France

2:30 - 3:00pm **Caspase-14 is required for epidermal cornification**

Wim Declercq: Faculty of Medicine, Leuven, Belgium

3:00 - 3:15pm **Doxorubicin and tamoxifen induce autophagy as a survival pathway through calmodulin-dependent protein kinase III (CAMK-III) in primary ER(-) and ER(+), drug resistant and metastatic breast cancer cells**

Bulent Ozpolat, Eskisehir Osmangazi University, Medical Faculty, Eskisehir, Turkey

3:15 - 3:30pm **Mcl-1 degradation by pro-inflammatory cytokines and palmitate is an early and major event for beta cell apoptosis.**

Florent Allagnat, Laboratoire de Médecine Expérimentale, Université Libre de Bruxelles, Brussels, Belgium

3:30 - 4:00pm **Coffee**

Workshop: How the women in the field can survive, network and excel.

4:00 - 4:15pm Zahra Zakeri, Queens College & Grad Center of CUNY, USA:

Welcome and introductory remarks

4:15 - 4:30pm What is holding back female scientists?"

Anna Ledin: The Royal Swedish Academy of Sciences
Stockholm, Sweden

4:30 - 6:00pm Moderator: Zahra Zakeri

Open forum and panel discussion: Panelists: **Anna Ledin;**
Marianne Cronje; Marie-Lise Gougeon; Marja Jäättelä; Simone Fulda; Melek
Öztürk; Patrizia Agostinis

6:00 - 8:00pm Posters --- (Concurrent Workshop on regional collaboration)

8.00- Dinner

Monday 31 May 2010

Signalling in cell death:

Chair: Richard Lockshin, St. John's University, New York, USA

9:00 - 9:15am Presenting Award to Dr Eileen White:

Richard A. Lockshin: St. John's University, U.S.A

9:30 - 10:00am Oncogene Activation Causes Autophagy Addiction

Eileen White: Rutgers Univ. & Cancer Inst. of New Jersey, U.S.A

**10:00 - 10:30am New regulators of mammalian autophagy:
Implications for cell survival and death.**

Devrim Gözüaçik: Sabanci Univ. Turkey

10:30 - 11:00am Coffee

***Chair:* Devrim Gözüaçik: Sabanci Univ. Turkey**

11:00 - 11:30am ASC Activity in Melanoma

Nesrin Özören: Boğaziçi University Turkey

**11:30 – 11:45am A novel link between autophagy and apoptosis mediated by
caspase cleavage of Atg**

Ozlem Oral Biological Sciences & Bioengineering Program, Faculty of Engineering and
Natural Sciences, Sabanci University, Istanbul, Turkey

**11:45 - 12:00am Identification of a novel putative regulator of
the major apoptotic nuclease dff.**

Piotr Widlak P MSC Cancer Center and Institute of Oncology,
Gliwice, Poland

**12:00 - 12:30pm Regulation of cardiac death and autophagy
by local growth factors and hormones**

Sergio Lavandero: Univ. de Chile, Chile

12:30 - 1:00pm Molecular mechanisms of necrotic cell death

Peter Vandenabeele: Univ. Ghent, Belgium

1:00 - 2:00pm

Closing Remarks and End of Meeting-

Zahra Zakeri