

INTERNATIONAL CELL DEATH SOCIETY Meeting

국제세포사학회 2018 정기총회 및 학술대회

“About canonical, non-canonical, and immunogenic cell death:
basic mechanisms and translational applications”

일사: 2018 년 5 월 31 일 – 6 월 2 일

장소: 서울대학교 문화관 (관악)

Conference website (<https://sites.google.com/view/celldeath2018-kr/home>)

INTERNATIONAL CELL DEATH SOCIETY Meeting

“About canonical, non-canonical, and immunogenic cell death: basic mechanisms and translational applications”

May 31 - June 2, 2018

Cultural Center, Seoul National University (Gwanak Campus), South Korea

Thursday, May 31

9:00 – 9:30: **Introduction** (Chair: Marc Diederich)

Invited faculty members (Seoul National University, South Korea)

Marc Diederich (College of Pharmacy, Seoul National University, South Korea)

9:30 – 10:30 **Award lecture** (Chair: Zahra Zakeri)

Zahra Zakeri (Queens College of the City University of New York, USA)

Richard Lockshin (Queens College of the City University of New York, USA)

J. Marie Hardwick (Pharmacology and Molecular Biology, Johns Hopkins School of Medicine, USA):

The death of pathogenic fungi

10:30 – 11:00: Coffee break

Session 1: Immune-mediated cell death mechanisms (Chair: Sarit Larisch and Marianne Cronje)

11:00 – 12:00: **Lorenzo Galluzzi** (Weill Cornell Medical College, USA and Université Paris Descartes, France): Danger, death and immunity in anticancer therapy

12:00 - 12:30: **Marie-Lise Gougeon** (Institut Pasteur, Paris, France)

Innate immunity and viral persistence; contribution of alarmins

12:30 – 13:00: **Hyunah Lee** (R&D Center, Pharmicell Co., South Korea)

Induction of immunogenic cell death of tumors by newly synthesised heterocyclic quinone derivative

13:00 – 14:00: Lunch break

Session 2: Necroptotic cell death pathways (Chair: Marianne Cronje)

14:00 – 15:00: **Peter Vandenabeele** (VIB, Department for Molecular Biomedical Research, Ghent, Belgium): Molecular mechanisms of necroptosis execution

15:00 – 15:30: **Seamus J. Martin** (Molecular Cell Biology Laboratory, The University of Dublin, Ireland): An Inflammatory Perspective on Necroptosis

15:30 – 16:00: **Eun-Woo Lee** (Korea Research Institute of Bioscience & Biotechnology (KRIBB), Daejeon, South Korea): Post-translational control of RIPK3 in necroptosis

16:00 – 16:30: Coffee break

Session 3: **Young investigators session** (Chair: Samuel Katz)

16:30 – 17:00: **Barbora Boyer-Orlikova** (College of Pharmacy, Seoul National University, South Korea): PARP-1 dependent-like cell death induced by indolequinones in human leukemia

17:00 - 17:30: **Selected talk**

17:30 - 18:00: **Selected talk**

18:00 - 19:00: Welcome reception

Friday, June 1

Session 4: Alternative cell death pathways (Chair: Raymond Birge)

9:00 – 9:30: **Eli Arama** (Weizmann Institute of Science, Israel): There is More than One Way to Die: A DNase II-Dependent Cell Death Program in Drosophila

9:30 – 10:00: **Kyeong Sook Choi** (Ajou University, South Korea): Paraptosis in the anti-cancer arsenal of natural products

10:00 – 10:30: **Selected talk**

10:30 – 11:00: Coffee break

Session 5: Epigenetic regulation of cell death mechanisms (Chair: to be designated)

11:00 – 11:30: **Tugba Bagci** (Molecular Biology and Genetics, Koc University School of Medicine,

Turkey): Loss of function screens to interrogate mechanisms of chemotherapy resistance in cancers
11:30 – 12:00: **Michael Schnekenburger** (LBMCC, Luxemburg): Non-canonical cell death by sirtuin inhibitors

12:00 – 12:30: **Selected talk**

12:30 – 13:00: **Selected talk**

13:00 – 14:00: Lunch break

Board meeting of the International Cell Death Society

Session 6: **Novel mechanisms in cell death** (Chair: Maria Entezari)

14:00 – 14:30: **Sharad Kumar** (Cancer and Cell Biology, Center for Cancer Biology, University of South Australia): Regulation of autophagy-dependent cell death in Drosophila

14:30 – 15:00: **Shazib Pervaiz** (National University of Singapore, Singapore, Singapore): Pro-oxidant milieu promotes phosphorylation-dependent stability of the oncoprotein c-myc

15:00 – 15:30: **Selected talk**

15:30 – 16:00: **Selected talk**

16:00 – 16:30: Coffee break

16:30 – 18:00: **Poster presentation session**

19:00 – 21:00: Gala dinner

Saturday, June 2

Session 7: Innovative cell death pathways (Chair: Flavia Radogna)

9:00 – 10:00: **Shigekazu Nagata** (Biochemistry and Immunology, Osaka University, Japan): Exposure of phosphatidylserine, and phosphatidylserine-dependent efferocytosis

10:00 – 10:30: **Luca Scorrano** (Dept. of Biology, University of Padua, Italy): Targeting the Opa1-dependent cristae remodeling pathway to enhance cancer cell death and block cancer angiogenesis

10:30 – 11:00: Coffee break

Session 8: Compound-mediated regulation of alternative cell death (Chair: Claudia Cerella)

11:00 – 11:30: **Young-Joon Surh** (College of Pharmacy, Seoul National University, South Korea):

Helicobacter pylori-induced phosphorylation of STAT3 promotes mitophagy in human gastric epithelial cells

11:30 – 12:00: **Injae Shin** (Department of Chemistry, Yonsei University, Seoul, South Korea): A synthetic ion transporter that disrupts autophagy and induces apoptosis

12:00 – 12:30: **Marc Diederich** (College of Pharmacy, Seoul National University, South Korea): Natural compound regulators of alternative cell death pathways

12:30 - 13:00: **Selected talk**

13:00 – 14:00: Lunch break

14:00 – 17:00: City trip (to be announced)
