



EUROPEAN CELL DEATH
ORGANISATION
(ECDO)



MEDITERRANEAN AGRONOMIC
INSTITUTE OF CHANIA
(MAICH)

12th Euroconference on *Apoptosis*

Chania, Crete, Greece, 17-20 September 2004
<http://ecdo.maich.gr/>

Program

17th September: Friday evening

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|---------------|--|
| 19h15 – 19h30 | Official Opening |
| 19h30 – 20h30 | Keynote Lecture
Xiaodong Wang
Biochemical dissection of mammalian apoptotic pathways and their application in cancer therapy |
| 20h30 | Reception
Wine and Greek Spirits |

18th September: Saturday morning

Cell Death across eukaryotic kingdoms

Chair: **Z. Zakeri**

- 9h00 – 9h30 **Baehrecke, E.**
Genetic regulation of programmed cell death that involves autophagy
- 9h30 – 10h00 **Abrams, J.**
Programmed and Unprogrammed Cell Death in *Drosophila*
- 10h00 – 10h15 **Picot, S.**
Apoptosis of the human malaria parasite *Plasmodium falciparum*
- 10h15 – 10h30 **Stergiou, L.**
A role for the *C. elegans* ATM homolog in mediating the UV-induced G2/M checkpoint and apoptotic response
- 10h30 – 11h00 Coffee

Chair: **E. Baehrecke**

- 11h00 – 11h30 **Kumar, S.**
Mechanisms of caspase activation in flies and mammals
- 11h30 – 12h00 **Torres, M.A.**
Plant cell death, reactive oxygen and the control of immunity
- 12h00 – 12h15 **Syntichaki, P.**
Macroautophagy and neurodegeneration in *C. elegans*
- 12h15 – 12h30 **Degli Esposti, M.**
Swimming to death: a sniff into developmental apoptosis
- 12h30 – 14h30 Lunch

18th September: Saturday afternoon

Session 2: Survival signalling

Chair: **R. Rizzuto**

- 14h30 – 15h00 **Tsichlis, P. N.**
The role of Tpl-2 in inflammation and cancer
- 15h00 – 15h30 **Mehlen, P.**
Dependence receptors: conditional tumor suppressors and regulators of nervous system development
- 15h30 – 15h45 **Baccarini, M.**
Signalling against death: the anti-apoptotic role of Raf kinases analyzed in vivo by conventional and conditional mutagenesis
- 15h45 – 16h00 **Ventura, N.**
Frataxin reveals a novel antiapoptotic function beyond its mitochondrial localization
- 16h00 – 18h00 Coffee and Poster

Session 3: Phagocytosis

Chair: **M. Piacentini** and **B. Zhivotovsky**

- 18h00 – 18h30 **Ravichandran, K. S.**
Eating a good meal – Lessons from engulfment of apoptotic cells
- 18h30 – 19h00 **Gregory, C.**
Clearance of apoptotic cells by macrophages in normal tissues and tumours
- 19h00 – 19h15 **Xu, W.**
Clearance of Apoptotic/necrotic Cells by Macrophage Subsets and Dendritic Cells
- 19h15 – 19h30 **Doukometzidis, K.**
Deciphering apoptotic cell corpse engulfment in *C. elegans* using RNAi
- 19h30 – 20h15 **Savill, J.**
ECDO Honorary Lecture
Corpse clearance defines the meaning of cell death
- 20h15 Drinks

19th September: Sunday morning

Session 4: Stress Response and Apoptosis

Chair: **G. Kroemer**

- 9h00 – 9h30 **Rizzuto, R.**
Calcium signalling in apoptosis
- 9h30 – 10h00 **Halazonetis, T.**
Activation of DNA Damage Checkpoint Pathways Leading to Apoptosis as an Early Event in Human Cancer
- 10h00 – 10h15 **Gartner, A.**
A genetic screen for enhanced DNA damage induced Apoptosis in *C. elegans* Reveals that the *gld-1* tumor suppressor Acts as a direct translational repressor of p53
- 10h15 – 10h30 **Martin, A.G.**
p53-induced programmed cell death requires NF- κ B dependent Noxa expression
- 10h30 – 11h00 Coffee

Chair: **S. Kumar**

- 11h00 – 11h30 **Ghezzi, P.**
Erythropoietin prevents neuronal apoptosis and is neuroprotective in models of disease of the nervous system
- 11h30 – 12h00 **Tsujimoto, Y.**
Regulation of non-apoptotic programmed cell death by the Bcl-2 family members
- 12h00 – 12h15 **Pokrovskaja, K.**
Interferon-alpha induced apoptosis in tumor cells is mediated through the PI3K/mTOR signaling pathway
- 12h15 – 12h30 **Hendrickx, N.**
Photodynamic Therapy of cancer cells activates a phospholipase-A₂-mediated p38 MAPK-COX-2 cascade that regulates the balance between cell survival and death.
- 12h30 – 14h30 Lunch

19th September: Sunday afternoon

Chair: **P. Vandenabeele**

- 14h30 – 15h00 **Lenardo, M.**
Molecular programs of nonapoptotic cell death
- 15h00 – 15h30 **Johnston, L.**
Competitive interactions and apoptosis regulate growth of the *Drosophila* wing
- 15h30 – 15h45 **Fazzini, F.**
The role of soluble factors in the clearance of apoptotic cells
- 15h45 – 16h00 **Gubser, C.**
Vaccinia virus encodes a novel apoptosis inhibitor that localises to the Golgi and contributes to virus virulence
- 16h00 – 18h00 Coffee and Poster session

Chair: **V. Skulachev**

- 18h00 – 18h30 **Zhivotovsky, B.**
Nuclei-mitochondria dialog in apoptosis
- 18h30 – 19h00 **Tak Mak**
The role of Cytochrome c in mammalian cell death
- 19h15 – 19h30 **Leveelahti, L.S.**
The gradual leakage of cathepsin B from lysosomes precedes mitochondrial destabilization in Fas-triggered apoptosis
- 19h30 – 19h45 **Vande Walle, L.**
The Serine Protease Omi is released from mitochondria during apoptosis and has caspase-dependent and -independent cytotoxic activities
- 20h15 Piano Recital: **N. Perakis**
Gala Dinner

20th September: Monday morning

Session 5: Pleiotropic functions of apoptotic proteins

Chair: **D. Vaux**

- 9h00 – 9h30 **Martinou, J-C.**
Apoptosis: Bombarding the mitochondria
- 9h30 – 10h00 **Kroemer, G.**
Apoptosis inducing factor: certainties and incognita
- 10h00 – 10h15 **Lamkanfi, M.**
The paradoxical role of CARD domains as negative regulators and propagators of inflammatory signaling
- 10h15 – 10h30 **Vassina, E.**
Role of inhibitor of apoptosis proteins (IAPs) in eosinophils apoptosis
- 10h30 – 10h45 **Getti, G.T.M.**
Apoptosis, a survival mechanism for *Leishmania* parasites?
- 10h45 – 11h15 Coffee

Chair: **M. Lenardo**

- 11h15 – 11h45 **Alnemri, E.**
Mitochondrial Omi/HtrA2 Protease in Cell Death and Survival
- 11h45 – 12h00 **Van Loo, G.**
Study of the (patho)physiological role of Fas-Associated Death Domain (FADD) protein by conditional gene inactivation
- 12h00-12h15 **Schweizer, A.**
First Specific Caspase-2 Inhibitor, Selected from a Designed Ankyrin Repeat Protein Library
- 12h15 – 12h45 **Vaux, D.**
Is the mammalian apoptosome unnecessary?
- 12h45 Closing remarks