



## Provisional Conference Program

### 1st Conference of the European Research Institute for Integrated Cellular Pathology (ERI-ICP)

« *Integrated cellular pathology: death, danger and degeneration* »

**Thursday 22 April 2010**

Registration of participants

#### **Session 1: Neurotoxic proteins and neurodegeneration**

**Chair: Gerry Melino** (Medical Research Council, Leicester, UK)

**9:00 am - 9:15 am**

**Marie-Lise Gougeon & Guido Kroemer**

“Welcome and Grand Opening”

**9:15 am - 9:45 am**

**David Rubinsztein** (University of Cambridge, Cambridge, UK)

“Autophagy, a guardian against neurodegeneration”

**9:45 am - 10:15 am**

**Olaf Riess** (University of Tuebingen, Germany)

“Transgenic animal models of neurodegenerative diseases”

**10:15 am - 10:45 am**

**Frederic Saudou** (Institut Curie, Orsay, France)

“Molecular and cellular pathogenesis of Huntington disease”

**10:45 am - 11:15 am: Coffee break (with exhibition viewing)**

#### **Session 2: Signaling for the avoidance of cell death**

**Chair: Olaf Riess** (University of Tuebingen, Germany)

**11:15 am - 11:45 am**

**Julia Ring** (University of Graz, Austria)

“A mechanism for Spartin-mediated cytotoxicity”

**11:45 am - 12:15 am**

**Guido Kroemer** (INSERM, Villejuif, France)

“Autophagy in stress adaptation, avoidance of cell death and longevity”

**12:15 am - 12:45 am**

**Jürg Bähler** (Sanger Institute, Cambridge, UK)

“Genome regulation in response to stress in fission yeast”

**12:45 am - 1:00 pm : Oral presentation**

**Nathaniel Szewczyk** (University of Nottingham, UK)

“Integrated control of muscle protein degradation in *C. elegans*”

**1.00 pm – 2:30 pm : Lunch and poster viewing**

### **Session 3: Cell stress and cell death**

**Chair: Alexis Brice** (University of Paris 6, Paris, France)

**2:30 pm - 3:00 pm**

**Lorenzo Galluzzi**

“Systems biology of the cisplatin response in non-small cell lung cancer”

**3:00 pm - 3:15 pm : Oral presentation**

**He Liu** (University of Bern, Switzerland)

“Down regulation of autophagy related gene 5 (Atg5) in malignant melanoma contributes to melanoma tumorigenesis”

**3:15 pm - 3:45 pm**

**Gerry Melino** (Medical Research Council, Leicester, UK)

“P73, an ancestral members of the p53 family, is involved in neuronal development via miR-34a”

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

**Peter Vandenameele** (University of Ghent, Belgium)

“TNF – induced necrosis, multiple regulation of RIP1 kinase activity”

**4.15 pm – 4.45 pm: Coffee-break (with exhibition viewing)**

**4:45 pm - 5:15 pm**

**Nektarios Tavernarakis** (Institute of Molecular Biology and Biotechnology, Heraklion, Greece)

“Heat shock proteins and necrosis”

**5:15 pm - 5:45 pm**

**Guillermo Marino** (University of Oviedo, Spain)

“The degradome and its pathophysiological impact: the vortex of vertigo”.

**5:45 pm - 6:00 pm: Oral Presentation**

**Francois Paquet-Durand** (University of Tuebingen, Germany)

“The role of Histone Deacetylase (HDAC) activity during photoreceptor cell death”

**6:00 pm - 6:30 pm**

**Stefan Wiemann** (German Cancer Research Center, Heidelberg, Germany)

“Human kinome screen with xCELLigence technology uncovers the dynamics of RNAi phenotypes”

## Opening Cocktail

**Friday, April 23, 2010**

### **Session 4: Sophisticated self-destructive pathways**

**Chair: Laurence Zitvogel** (Institut Gustave Roussy, Villejuif, France)

**8:45 am - 9:15 am**

**Peter H. Krammer** (DKFZ, Heidelberg, Germany)

"Life and death: a systems biology approach to CD95 signalling"

**9:15 am - 9:45 am**

**Eric Solary** (Institut Gustave Roussy, Villejuif, France)

"A differentiating function for caspase in specific hematopoietic lineages"

**9:45 am - 10:15 am**

**Seamus Martin** (Trinity College, Dublin, Ireland)

"Bcl-2 family proteins as modulators of Oncogenic Ras-induced cell death"

**10:15 am - 10:45 am**

**Mauro Piacentini** (University of Rome-Tor Vergata, Rome, Italy)

"Ambra-1: A key player in the regulation of autophagy in mammals"

**10:45-11:15 Coffee break (with exhibition viewing)**

### **Session 5: Cancer cell death pathways**

**Chair: Peter H. Krammer** (DKFZ, Heidelberg, Germany)

**11 :15 am - 11 :45 am**

**Hervé Fridman** (Centre de Recherche des Cordeliers, Paris, France)

"Triggering through Toll-Like receptors induces human lung tumor cell resistance to chemotherapy"

**11:45 am - 12:15 am**

**Boris Zhivotovsky** (Karolinska Hospital, Stockholm, Sweden)

"Global gene analysis reveals Ephrin B3 as a potential radiosensitizing target in Non-small cell lung cancer cells"

**12:15 am - 12:45 am**

**Laurence Zitvogel** (Institut Gustave Roussy, Villejuif, France)

"Exploring the contribution of the immune system to conventional and targeted anticancer therapies"

**12:45 am - 1:15 pm**

**Cornelies Melief** (Leiden University, Leiden, The Netherlands)

"Successful immunotherapy of human neoplasia"

**1:15 pm - 2:45 pm : Lunch and poster viewing**

**Session 6: Infection: danger, stress and death**

**Chair: Peter Vandenabeele** (University of Ghent, Belgium)

**2:45 pm - 3:15 pm**

**Philippe Sansonetti** (Institut Pasteur, Paris, France)

“Invasion of the intestinal epithelium by Shigella : the Yin and the Yang of innate immunity”

**3:15 pm - 3:45 pm**

**Hans-Uwe Simon** (University of Bern, Switzerland)

“Caspase -dependent and -independent mechanisms of neutrophil death”

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

**Marie-Lise Gougeon** (Institut Pasteur, Paris, France)

“HIV: death, danger and immunity”

**4:15 pm-4:45 pm : Coffee-break (with exhibition viewing)**

**Session 7: Aging, degeneration and cell death**

**Chair: Hervé Fridman** (Centre de Recherche des Cordeliers, Paris, France)

**4:45 pm - 5:15 pm**

**Frank Madeo** (University of Graz, Austria)

“Programmed cell death in yeast : subroutines, mechanisms and purposes”

**5:15 pm - 5:30 pm – Oral Presentation**

**Gloria Villalpando Rodriguez** (INSERM U872, Paris, France)

“Lysosome permeabilisation in apoptotic-like cell death”

**5:30 pm - 5:45 pm – Oral Presentation**

**Walter Malorni** (Istituto Superiore di Sanita, Rome, Italy)

“Xeno-cannibalism and self-cannibalism (autophagy): related or unrelated phenomena? The case of lymphocytes from centenarians”

**5:45 pm - 6:15 pm**

**Alexis Brice** (University of Paris 6, France)

“Parkinson’s disease: from genes to insight into mechanisms”

**Concluding remarks**

**Departure for the Gala Dinner** (Cruise on the Seine)