

# 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

Welcome and Grand Opening

### **Session 1: Lethal signaling ignited by neurotoxic proteins**

**Chair: Mark Mattson** (NIH/NIA/IRP, Baltimore, USA)

**Ulrich Hartl** (Max Planck Institute for Biochemistry, Martinsried, Germany)  
“Chaperoning and degradation of neurotoxic protein aggregates”

**Madan Babu** (University of Cambridge, Cambridge, UK)  
“Systems biology of neurotoxic protein turnover”

**Jürg Bähler** (Sanger Institute, Cambridge, UK)  
“Neurotoxic proteins and their impact on cellular age and death”

**David Rubinsztein** (University of Cambridge, Cambridge, UK)  
“Autophagy, neurodegeneration and cell death”

Coffee break (with exhibition viewing)

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

**Chair: Ulrich Hartl** (Max Planck Institute for Biochemistry, Martinsried, Germany)

**Guido Kroemer** (INSERM, Villejuif, France)  
“Integrated cellular defense mechanisms”

**Mauro Piacentini** (University of Rome-Tor Vergata, Roma, Italy)  
“Autophagy: a highly regulated mechanism of cytoprotection”

**Junying Yuan** (University of Harvard, Boston, USA)  
“Metabolic pathways for the avoidance of cell death”

Lunch and poster viewing

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

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

**Matthias Peter** (ETHZ, Zurich, Switzerland)

“Organelle-specific autophagy on the roads to death”

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

“p53, p63 and p73: three steps towards death”

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

“Accidental versus programmed necrosis”

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

“Caspase –dependant and independant mechanisms of neutrophilic death”

Coffee-break (with exhibition viewing)

### **Session 4: Neurodegeneration: from dying neurons to patients**

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

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

“Multiple mouse models for the exploration of neurodegeneration”

**Mark Mattson** (NIH/NIA/IRP, Baltimore, USA)

“Signaling pathways that help neuron help themselves”

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

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

Poster viewing

**Friday, April 23, 2010**

**Session 5: Sophisticated self-destructive pathways**

**Chair: Junying Yuan** (University of Harvard, Boston, USA)

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

"Life and death: a systems biology approach to DC95 signaling"

**Judy Lieberman** (University of Harvard, Boston, USA)

"Cell death induced by cytotoxic granules: a systems biology approach"

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

"Caspase activation for self-destruction or self-preservation"

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

"Death-related degradomes"

Coffee break (with exhibition viewing)

**Session 6: Cancer cell death pathways**

**Chair: Judy Lieberman** (University of Harvard, Boston, USA)

**Scott W. Lowe** (Cold Spring Harbour Laboratory, Cold Spring Harbour, NY, USA)

"Dissecting tumor suppressor gene networks *in vivo*"

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

"Systems biology of tumor immunology applied to human cancer"

**Xuetao Cao** (National Key Laboratory of Medical Immunology, Shanghai, China)

"Successful immunotherapy of hepatocellular carcinoma"

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

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

Lunch and poster viewing

### **Session 7: Infection: danger, stress and death**

**Chair: Linda Partridge (Max Planck Institute for the Biology of Aging, Cologne, Germany)**

**Philippe Sansonetti** (Institut Pasteur, Paris, France)  
“Systems biology of the host-Shigella interaction”

**Marie-Lise Gougeon** (Institut Pasteur, Paris, France)  
“HIV: death, danger and immunity”

**Jean-Laurent Casanova** (Rockefeller University, New York, USA)  
“Genetic bases of lethal infections in human infants”

Coffee-break (with exhibition viewing)

### **Session 8: Aging, degeneration and cell death**

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

**Frank Madeo** (University of Graz, Austria)  
“Pharmacological strategies for health aging”

**Nektarios Tavernarakis** (Hellas Institute, Heraklion, Greece)  
“Autophagy, necrosis and aging in model organisms”

**Linda Partridge** (Max Planck Institute for the Biology of Aging, Cologne, Germany)  
“The complex circuitry of normal, premature and retarded aging”

**Concluding remarks**

**Poster viewing**

**ERI-ICP Business meeting**

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