

## Scientific Program

### SUNDAY, NOVEMBER 13

- 15:00 - 17:00      **Registration**
- 17:00 – 17:10      **Welcome and Introductory Remarks (Gennaro D’Urso and Bill Burhans)**
- Keynote Lecture*
- 17:10 – 18:10      **"Programmed and altruistic aging and death"**  
Valter Longo, USC, Los Angeles
- 18:10                **Reception**

### MONDAY, NOVEMBER 14

#### *Session 1 –Genetic Pathways and Biochemical Mechanisms*

- 9:00 - 9:40        **“New yeast homologues of mammalian apoptosis regulators”**  
Frank Madeo, University of Graz, Austria
- 9:40 – 10:20      **“Dualistic role of apoptosis-inducing factor AIF1 in programmed cell death and survival of yeast PMR1 mutants”**  
Hans Rudolph, University of Stuttgart, Germany
- 10:20 – 11:00     **“Cellular Redox Homeostasis and Responses to Reactive Oxygen Species“**  
Ian Dawes, University of New South Wales, Australia
- Coffee break**
- 11:20- 12:00      **“The survival factor SVF1 plays a role in oxidative stress, sphingoid base, and survival responses in *Saccharomyces cerevisiae*”**  
Jennifer Brace, University of Chicago, USA
- 12:00 - 12:40     **“Degradation of nuclear pore complex proteins by Pep4p during yeast cell death”**  
David Goldfarb, University of Rochester, USA

#### **Lunch**

***Session 2 – Yeast Models of apoptosis in aging***

- 14:00 – 14:40      **“Sphingolipid content affects plant defensin sensitivity and chronological life-span in yeast“**  
Karin Thevissen, Center for Surface Chemistry and Catalysis,  
Katholieke Universiteit, Belgium
- 14:40 – 15:20      **“Chromosome or chromatin condensation preludes life or death in stationary yeast cells”**  
Zhaojie Zhang, University of Wyoming, USA
- Coffee break**
- 15:40 - 16:20      **“Fructose –1,6-bisphosphatase mediates cellular responses to DNA damage and aging in *Saccharomyces cerevisiae*”**  
Stefan Wölf, Institut für Pharmazie und Molekulare Biotechnologie,  
Ruprecht-Karls-Universität Heidelberg, Germany
- 16:20 – 17:00      **“Stress responses, genome evolution and aging in budding yeast”**  
Bill Burhans, Roswell Park Cancer Institute, USA
- 17:00 – 17:15      **“The aging transcriptome of human skin and of yeast cells – a comparison”**  
Michael Breitenbach, Salzburg University, Austria

**TUESDAY, NOVEMBER 15**

***Session 3 – The role of mitochondria in yeast apoptosis***

- 9:00 - 9:40      **“Mitochondrial fission proteins regulate programmed cell death“**  
J. Marie Hardwick, Johns Hopkins University, USA
- 9:40 - 10:20      **“Endonuclease G mediates life and death of yeast”**  
Sabrina Büttner, Institute for Molecular Biosciences, Karl-Franzens  
University of Graz, Austria
- Coffee Break**
- 10:40 – 11:20      **“Approaching *Saccharomyces cerevisiae* active cell death pathways”**  
Paula Ludovico, University of Minho, Portugal
- 11:20 – 12:00      **“Yeast mother cell-specific aging and mitochondrial function”**  
Michael Breitenbach, Salzburg University, Austria
- 12:00 – 12:40      **“Amiodarone as a tool to screen for pro-apoptotic proteins”**  
Fedor Severin, BIOTEC, TU Dresden, Proteomics and Cellular  
Machines, Germany

**Lunch**

13:30 - 16:30 ***Poster Session***

**WEDNESDAY, NOVEMBER 16**

***Session 4 – Inducers of apoptosis***

- 9:00 - 9:40 **“mRNA decapping and apoptosis in yeast”**  
Cristina Mazzoni, University of Rome, Italy
- 9:40 - 10:20 **“Death by snake poison – and other fates of yeast”**  
Kai-Uwe Frölich, University of Graz, Austria
- 10:20 - 10:40 **Coffee Break**
- 10:40 - 12:20 **“Specifically localized apoptosis-like regulated cell death in yeast colonies: Importance for long-term colony development”**  
Zdena Palkova, Charles University, Czech Republic
- 12:00 – 12:40 **To be announced**  
Carlo Bruschi, ICGEB Laboratories, Italy
- 12:40 – 1:00 **“Evidence for caspase-like activity in *S. pombe*”**  
Gennaro D’Urso, University of Miami, USA

***Free afternoon***

19:10 **Dinner**

**THURSDAY, NOVEMBER 17**

***Programmed cell death in yeast and higher eukaryotes***

- 9:00 - 9:20 **“Apoptosis in underdeveloped creatures: human and mouse”**  
Guido Kroemer, Institut Gustave Roussy, France
- 9:20 – 9:50 **“Parkinson’s disease-related protein, alpha-syn-nuclein, induces apoptosis in yeast”**  
Stephan Witt, Louisiana State University Health Sciences Center, USA

4<sup>nd</sup> International Meeting on Yeast Apoptosis

9:50 - 10:20      **“Suppressive effect of Elongation Factor 2 on apoptosis induced by HIV-1 viral protein R in fission yeast (*Schizosaccharomyces pombe*) and human cells“**  
Richard Zhao, University of Maryland School of Medicine, USA

**Coffee break**

10:40 - 11:20      **Yeast model to analyze the cell death events of harpin<sub>Pss</sub>-mediated plant hypersensitive response (HR)”**  
V.L. Vasudev, University of Hyderabad, India

11:20 - 12:00      **“Effects of mammalian PKC-alpha, -delta, -epsilon and -zeta in *Saccharomyces cerevisiae* acetic acid-induced apoptosis: an approach for the study of apoptosis regulation by individual PKC isoforms”**  
Lucilia Saraiva, University of Minho, Portugal

12:00 - 12:30      ***General Discussion***

13:30                **Departure**