

## PROGRAM

### May 24 (Friday)

14.00 Registration Starts:

#### OFFICIAL START OF THE SCIENTIFIC SESSIONS OF THE MEETING

*Session 1: Introduction and Awards:*

*Chair: Zahra Zakeri, (USA)*

16:00–16:15 Opening of the conference: Zahra Zakeri, (USA) and Dmitri Krysko, (Belgium)

16:15–16:30 Richard A. Lockshin, (USA): Presenting Award to Marja Jäättelä

16:30–17:00 Marja Jäättelä, (Denmark): Lysosomes as targets for cancer therapy

17:00–17:30 Awards Presentation

*Session 2: Cell Death and its Ramifications (Dedicated to Women In Science of Cell Death)*

*Chair: Katharina D'Herde, (Belgium)*

17:30–18:00 Marie Hardwick, (USA): *A novel TORC1 signalling pathway yeast to humans*

18:00–18:30 Patrizia Agostinis, (Belgium): Melanoma phenotypic plasticity and cell death

18.30–20.00 Welcome Reception

### May 25 (Saturday)

*Session 3: Cell Death, Immunity and Disease*

*Chair: Dmitri Krysko, (Belgium)*

9.00–10.00 Seamus J. Martin, (Ireland): What doesn't kill you makes you stranger: cell death, senescence, and inflammation.

10.00–10.30 Sarit Larisch, (Israel): Reversion of the premalignant state in breast cancer by ARTS and ARTS mimetics.

**10.30–11.00 Domagoj Vucic (USA): RIP1 is a key mediator of tissue damage and intestinal death in inflammatory diseases**

**11.00–11.30 Coffee Break**

***Session 4: Cell Death, Immunity and Disease***

***Chair: Anna-Mart Engelbrecht, (South Africa)***

**11.30–12.00 Mohamed Lamkanfi, (Belgium): Cell death regulation by the NLRP3 inflammasome – new insights into an old question**

**12.00–12.30 Dmitri Krysko, (Belgium): Immunogenic cell death and endothelial cells in anti-cancer immunity**

**12.30–13:00 Lorenzo Galluzzi, (USA): Immunogenic cell death driven by radiotherapy: mechanisms and implications**

**13:00–14.00 Lunch (Board of directors meeting)**

***Session 5: Mitochondria and cell death***

***Chair: Raymond Birge, (USA)***

**14:00–14:30 Jerry Chipuk, (USA): Bax-dependent mitochondrial outer membrane permeabilization: exquisitely regulated to the point of death**

**14:30–15:00 Shazib Pervaiz, (Singapore): Cancer redox metabolism-evasive strategy or Achilles heel**

**15:00–15:30 Stephen Tait, (Scotland): Mitochondrial-driven inflammation in cell death and senescence**

**15:30–16:00 Coffee Break**

***Session 6: Cell Death Modalities and Disease***

***Chair: Marianne Cronjé, (South Africa)***

**16:00–16:30 Sharad Kumar, (Australia): Ubiquitination-regulated cell death in kidney health and disease**

**16:30–17:00 Tuğba Bağcı Önder, (Türkiye): CRISPR screens identify KEAP1 as a regulator of chemoresistance in childhood brain cancers**

**17:00–19:00 Poster Session and Belgian Beer Tasting**

**May 26 (Sunday)**

**Session 7: *Molecular Mechanisms and Regulation-Ferroptosis and More:***  
**Chair: Jerry Chipuk, (USA)**

**9.00–9.30 Tom Vanden Berghe, (Belgium): Ferroptosis in multiple sclerosis**  
**9.30–10.00 Valerian Kagan, (USA): Decloudifying mysteries of phospholipid peroxidation in ferroptotic death**

**10.00–10:30 Andreas Linkermann, (Germany): Sex differences in ferroptosis**

**10.30–11.00 Coffee Break**

**Session 8: *Mechanisms and Regulation***

**11.00–11.30 Cristina Muñoz-Pinedo, (Spain): Metabolic stress and cell death**

**11.30–12.00 Verena Labi, (Austria): Epigenetic TET enzymes guide development, differentiation and survival decisions of lymphocytes**

**12.00–12.30 Claudia Cerella, (Luxembourg): Maturation stage-associated markers predict acute myeloid leukemia subtype vulnerability to cardiac glycosides**

**12:30–13:00 Po-Han Chen, (USA): Targeting cell death with c-MET CAR-T cells**

**13-14.00 Lunch**

**Session 9: *Cell Death and Autophagy***

**Chair: Annie Joubert, (South Africa)**

**14.00–14.30 Robin Ketteler, (Germany): Strategies for targeting autophagy in neuro-degenerative disorders.**

**14.30–15.00 Devrim Gözüaçık, (Türkiye): Autophagy and cancer**

**15.00–15.30 Sovan Sarkar, (UK): Biomedical implications of the autophagy–NAD axis in neurodegeneration: Lessons from human pluripotent stem cell-derived neuronal models**

**15.30–16:00 Gabriele Bergers, (Belgium): Endothelial autophagy regulates inflammation in an organotypic manner.**

**16.00–16.30 Coffee Break**

**Session 10: Models of studying cell death (30 years of Reaper)**  
**Chair: Sam Katz, (USA)**

**16:30-17:00 Barbara Conradt, (UK): The C: elegans cell death fate: the role of mitochondria**

**17:00–17:30 Kristin White, (USA): Regulation and execution of developmental cell death**

**17:30-18:00 Hermann Steller, (USA): 30 years of reaper: initiation of apoptosis by selective protein degradation**

**18:00–18:30 Zahra Zakeri, (USA): Closing Remarks**