

Day 1 - Friday, 16.12.2016

13.45-14.00 **Arrival and registration**

14.00-14.15 **Introduction** Francesco Ferraguti

Keynote 1 Chairs: Vincenzo Ciminale, Helmut Klocker

14.15-14.45 The World as a Laboratory: Exploring Mitochondrial Fitness - [Erich Gnaiger](#)

Session I: Mitochondria in Cancer Chairs: Vincenzo Ciminale, Helmut Klocker

14.45-15.00 Direct pharmacological targeting of a mitochondrial ion channel selectively kills melanoma cells *in vivo* - [Luigi Leanza](#)

15.00-15.15 Increased Opa1 levels aggravate B cell lymphoma - [Dijana Samardzic](#)

15.15-15.30 Exploring the role of mitochondrial dynamics in melanocytes and melanomas - [Akiko Omon](#)

15.30-17.00 **Coffee Break & Poster Session**

Keynote 2 Chairs: Ildikò Szabó, Dominik Pesta

17.00-17.30 To eat or not to eat: mitophagy in ageing and neurodegeneration - [Elena Ziviani](#)

Session II: Methods on Mitochondrial Membranes Chairs: Ildikò Szabó, Dominik Pesta

17.30-17.45 Methods for evaluation of mitochondrial membrane potential with multi-sensor high-resolution respirometry: potentiometry vs fluorometry - [Zuzana Sumbalova](#)

17.45-18.00 The impact of mitochondrial phospholipid remodeling on mitochondrial function - [Markus Keller](#)

18.00-18.15 Cyclophilin D stabilizes F₀F₁-ATPase dimers and cristae shape to modulate permeability transition pore - [Ruben Quintana-Cabrera](#)

18.15-19.30 **Christmas Market**

19.30 **Dinner**

- *Program* -

Day 2 - Saturday, 17.12.2016

Keynote 3 Chairs: Keiko Iwata, Nadia Stefanova

9.15-9.45 Mitochondria and aging - [Pidder Jansen-Duerr](#)

Session III: Mitochondria in Aging and in the Brain Chairs: Keiko Iwata, Sinead Rooney

9.45-10.00 Prevention of mitochondrial oxidative damage: Novel insights into the activation of the pro-oxidant and pro-death function of p66Shc - [Jakob Troppmair](#)

10.00-10.15 The mitochondria and cristae shaping protein Opa1 impinges on fat browning to control insulin sensitivity - [Camilla Bean](#)

10.15-10.30 MicroRNAs as modulators of mitochondrial remodeling and apoptosis - [Francesca Grespi](#)

10.30-10.45 Determination of mitochondrial copy number as versatile tool in epidemiology - [Federica Fazzini](#)

10.45-11.00 Involvement of mitophagy in the elimination of damaged mitochondria during the process of UVB-induced senescence - [Maria Cavinato](#)

Keynote 4 Chairs: Vanina Romanello, Michael Ausserlechner

11.00-11.30 Mitochondrial quality control in muscle physiology and ageing - [Marco Sandri](#)

11.30-13.00 **Buffet & Poster session**

Session IV: Mitochondria in Blood and Heart Chairs: Vanina Romanello, Michael Ausserlechner

13.00-13.15 The mitochondrial shaping protein Optic Atrophy 1 (OPA1) controls angiogenesis - [Stephanie Herkenne](#)

13.15-13.30 Searching specific targets of ischemic damage of cardiac mitochondria using O2k-Fluorometry - [Carolina Doerrier](#)

13.30-13.45 Effects of systemic iron perturbations on mitochondrial activity and on cellular metabolism *in vivo* - [Chiara Volani](#)

13.45-14.00 Mitochondrial reactive oxygen species prime T-cell acute lymphoblastic leukemia to cell - [Gloria Scattolin](#)

14.00-14.15 mTORC inhibition increases ROS levels and induces cell death in T-ALL cells - [Micol Silic-Benussi](#)

Keynote 5 Chairs: Vanina Romanello, Michael Ausserlechner

14.15-14.45 Role of Mic60 and OPA1 complexes in the formation of CJ - [Maria-Eugenia Soriano](#)

14.45-15.00 **Conclusions & Departure** Christoph Schwarzer