Targeting Mitochondria 2018 Speakers

Targeting Mitochondria: Welcome note & introduction
Volkmar Weissig
President of WMS, Midwestern University, USA

Mitochondrial involvement in cell life/death regulation: Presentation of new scientific results
Vladimir Gogvadze
Korolinska Institute, Sweden

Using live imaging to investigate the causes and consequences of mitochondrial toxicity in the kidney
Andrew Hall
University of Zurich, Germany

The transcriptomic and proteomic landscape of mitochondrial dysfunction in mouse
Inge Kühl
CNRS - I2BC, France

Mechanistic and therapeutic potential of cyclophilin inhibitors for prevention of mitochondrial myopathy progression
Håkan Westerblad
Karolinska Institute, Sweden

The legal framework for mitochondrial therapy identifying and preventing legal pitfalls within the translation from bench to bedside
Timo Faltus,
Martin-Luther-Universität Halle-Wittenberg, Germany

Targeting mitochondrial metabolism, geroprotection to treating Alzheimer’s disease
Antonio Currais
The Salk Institute for Biological Studies, USA

Mitochondrial potassium channels: new regulation mechanisms?
Adam Szewczyk
Nencki Institute of Experimental Biology, Poland

Foxp3 increases oxidative phosphorylation and NAD oxidation, adapting regulatory T cells to low glucose high lactate environments
Alessia Angelin
Children’s Hospital of Philadelphia, USA

Therapeutic application of specific near-infrared light wavelengths that inhibit cytochrome C oxidase results in robust neuroprotection
Maik Hüttemann
Wayne State University School of Medicine, USA

The mitochondrial link to cocaine addiction: Recent scientific advances
Mary Kay Lobo
University of Maryland School of Medicine, USA

Metabolic switches saving mitochondria from oxidative stress
Carsten Culmsee
Universität Marburg, Germany

Cellomics of mitochondrial morphofunction
Werner Koopman
RadboudUMC University, The Netherlands

Reversing wrinkled skin and lost hair in mice by restoring mitochondrial function
Keshav Singh
University of Alabama at Birmingham, USA

Mitochondrial dynamics in cell life and death
Luca Scorrano
University of Padova, Italy

Healing the heart through mitochondrial dynamics: a love-hate relationship
Sang-Bing Ong
Duke-NUS Medical School, Singapore

Targeting Mitochondria 2018 Congress Tracks:

- Recent advances on mitochondrial dysfunctions and dynamics in chronic diseases: the mechanistics
- The challenge of qualitative and quantitative assessment of mitochondrial function in vitro and in vivo
- Mitochondria & microbiome intertalk
- Strategies to target mitochondria: clinical trials and potential mitochondria-based therapies
- Special workshop: Mitochondria & ageing

Key dates:

- Mon. Sept. 24, 2018: Registration
- Mon. Sept. 17, 2018: Short Oral Submission
- Thur. Sept. 27, 2018: Poster Submission

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