

9th World Congress on Targeting Mitochondria

October 23-24-25, 2018

Steigenberger Hotel

Berlin, Germany

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 & microbiota intertalk
- Strategies to target mitochondria: clinical trials and potential mitochondria-based therapies
- Special workshop : Mitochondria & ageing

Key dates:

Mon. Registration
Oct. 15, 2018

Mon. Poster Submission
Oct. 12, 2018

Targeting Mitochondria 2018 Speakers



Targeting Mitochondria: Welcome note & introduction

Volkmar Weissig
President of WMS, Midwestern University, USA



Using live imaging to investigate the causes and consequences of mitochondrial toxicity in the kidney

Andrew Hall
University of Zurich, Germany



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 transcriptomic and proteomic landscape of mitochondrial dysfunction in mouse

Inge Kühl
CNRS - I2BC, France



Mechanism and therapeutic potential of cyclophilin inhibitors for prevention of mitochondrial myopathy progression

Håkan Westerblad
Karolinska Institutet, 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



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



Microbiota-Mitochondria interactions

Marvin Edeas
Institut Cochin, Université Paris Descartes, France



Mitochondrial involvement in cell life/death regulation: Presentation of new scientific results

Vladimir Gogvadze
Karolinska Institute, Sweden



Mitochondrial fission in human diseases

Madhavika N. Serasinghe
Icahn School of Medicine at Mount Sinai, USA



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



Mitochondrial potassium channels: new regulation mechanisms?

Adam Szewczyk
Nencki Institute of Experimental Biology, Poland



Phase 2 motor study of Omaveloxolone in patients with mitochondrial myopathies

John Vissing
Copenhagen University, Denmark



Utilizing a human hepatoma cell line to study off-target effects of drugs on mitochondrial DNA maintenance and bioenergetics

Matthew Young
Southern Illinois University School of Medicine, USA



The mitochondrial link to cocaine addiction: Recent scientific advances

Mary Kay Lobo
University of Maryland School of Medicine, 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