

# 9<sup>th</sup> 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



Nutritional interventions and dietary supplementation for mitochondrial disease patients

**Marni J. Falk**  
University of Pennsylvania Perelman School of Medicine, USA



Healing the heart through mitochondrial dynamics: a love-hate relationship

**Sang-Bing Ong**  
Duke-NUS Medical School, Singapore