

# 10<sup>th</sup> Anniversary

# Targeting Mitochondria Congress

## October 27- 28-29, 2019 - InterContinental Hotel - Berlin, Germany



### Targeting Mitochondria 2019: Introduction

Volkmar Weissig,  
Midwestern University, College of Pharmacy Glendale,  
USA



### 2,4-Dinitrophenol as Medicine

John G. Geisler,  
Mitochon Pharmaceuticals Inc, USA



### Mitochondrial Copper Toxicity with a Focus on Wilson Disease

Hans Zischka,  
Institute of Molecular Toxicology and Pharmacology,  
Germany



### Cardiac glycosides modulate neuroblastoma stem cell survival by dysfunctional mitophagy

Marc Diederich,  
Seoul National University, South Korea



### Mitochondria-targeted low-molecular weight compounds for probing mitochondrial functions

Richard C. Hartley,  
University of Glasgow, United Kingdom



### Role of PGC-1s in human epidermal physiology

Sibylle Jäger,  
L'Oréal Research & Innovation, France



### Mitochondria and Skin: Mitochondria in Wound Healing

Jakob Wikström,  
Karolinska University Hospital, Sweden



### Mitochondrial Antioxidant Therapy for Treating Vascular Aging

Douglas R Seals,  
University of Colorado Boulder, USA



### Mitochondrial Parameters in Cardiomyocytes in Health and Disease

Christoph Maack,  
University Hospital Würzburg, Germany



### Mitochondrial genetics and Human Disease

Douglas C. Wallace,  
Center for Mitochondrial and Epigenomic Medicine,  
USA



### Stem cell-driven drug discovery of OXPHOS diseases

Alessandro Prigione  
Max Delbrueck Center for Molecular Medicine,  
Germany



### The cellular stress protein MNRR1/CHCHD2 and mitochondrial disease

Lawrence Grossman,  
Wayne State University, USA



### Increased Hydrogen Peroxide and decreased Glutathione Redox potential may cause Dopaminergic Neurodegeneration in Parkin loss-of-function

Lori M. Buhlman,  
Midwestern University, USA



### The brain MITOxy project : from mitochondria to proteases and reactive species interactome

Laurent Chatre,  
CNRS, University of Caen-Normandie, France



### Roles for mitochondrial dysfunction in Alzheimer's disease

Benedict C. Albensi,  
Max Rady College of Medicine - University of Manitoba,  
Canada



### Introduction: Role of actin-regulating proteins on mitochondria

Carsten Culmsee,  
University Marburg, Germany



### The challenge of qualitative and quantitative assessment of mitochondrial function

Egbert Mik,  
University Medical Center Rotterdam,  
The Netherlands



### Mitochondria & Microbiota Inter-talk: Gut Microbiota influence Mitochondria activity in patients

Marvin Edeas,  
Institut Cochin, INSERM U1016, University Paris Descartes,  
France



### Mitochondria, as central regulators of neural stem cell fate

Ruth Slacks,  
University of Ottawa, Canada



### Mitochondrial Transplantation - From Animal Studies to Clinical Relevance

James D. McCully,  
Harvard Medical School, Boston Children's Hospital, USA



### Mitochondria-targeted Nanocarriers for mitochondrial therapies

Shanta Dhar,  
University of Miami, USA



### Selective segregation of mitochondria in asymmetric stem cell divisions

Pekka Katajisto,  
Center of Excellence in Stem Cell Metabolism, Finland



### Cannabinoids and skin: The "C(ut)annabinoid" system as a novel player in regulating cutaneous mitochondrial biology

Attila Oláh,  
University of Debrecen, Hungary



### Cytoskeletal mitochondrial interactions in collagen VI related disorders

Alessia Angelin,  
Children's Hospital of Philadelphia, USA



### Host mitochondria influence gut microbiome diversity: A role for ROS

Tal Yardeni,  
Children's Hospital of Philadelphia, USA

## Targeting Mitochondria 2019 Tracks

- Recent advances on mitochondrial dysfunctions and dynamics in chronic diseases: The mechanistic
- Mitochondria & Skin: Recent Advances
- Mitochondria Innovations 2019 - Strategies to target mitochondria: Clinical trials and potential mitochondria based therapies
- Symposium - Actin(g) on mitochondria: The role of Actin-Regulating proteins on mitochondria in health and disease

## Deadlines to submit your Abstract



Short Oral Submission  
Oct. 5, 2019



Poster Submission  
Oct. 15, 2019

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