

10th 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



Targeting Mitochondria 2019: Recent Advances & Perspectives

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



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 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



2,4-Dinitrophenol as Medicine

John G. Geisler,
Mitochon Pharmaceuticals Inc, USA



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



Roles for mitochondrial dysfunction in Alzheimer's disease

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



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



T-cell metabolism and mitochondrial function

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 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 Session: Mitochondria & Skin

WMS 2019 Innovations Awards

Deadline to submit: July 31

Key Dates to remember

Sat. Short Oral Submission
Oct. 5, 2019

Fri. Poster Submission
Oct. 15, 2019



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