

WORLD MITOCHONDRIA SOCIETY

13th World Congress on

TARGETING MITOCHONDRIA



Preliminary Agenda

OCTOBER 26-28, 2022 - BERLIN, GERMANY

www.targeting-mitochondria.com



13th World Congress on Targeting Mitochondria

October 26-28, 2022 – Berlin, Germany

Welcome Note

On behalf of the Scientific Committee of the World Mitochondria Society (WMS), we are excited to announce that the 13th World Annual Meeting of WMS on Targeting Mitochondria will be held as on for October 26-28, 2022 in Berlin, Germany.

After the great success of the 12nd WMS Meeting in 2021 that was held virtually with interactive sessions for discussion, we are hoping that personal interactions among colleagues from around the world will be a major feature of our 13th World Annual Meeting.

While we have just started working on the outline of our next conference edition, we will potentially discuss the following topics:

- Mitochondrial Dysfunctions and Dynamics in Chronic Diseases
- Mitochondria transplantation and transfer
- Extracellular vesicles, exosomes and mitochondria
- Mitochondria and Immunity and Cancer
- Nuclear-Mitochondrial Interactions and their Effect on Longevity and Health
- Strategies to Target Mitochondria: Clinical Trials and Potential Mitochondria-based Therapies
- WMS Challenges in the Acceleration of Mitochondrial Medicine

Basic scientists working at the bench in the laboratory, physicians treating patients suffering from mitochondrial disorders as well as representatives of companies working on the commercialization of mitochondria-targeted therapies are all welcome to our conference. I assure anyone who is going to join us in this year's Congress in October 2022 that you won't be disappointed!

We are looking forward to meeting you all!

All our warmest regards.



Prof. Volkmar Weissig
President of the World Mitochondria Society
Midwestern University, USA



Prof. Marvin Edeas,
Founder of the World Mitochondria Society
Institut Cochin, INSERM U1016, University Paris Descartes, France



13th World Congress on Targeting Mitochondria

October 26-28, 2022 – Berlin, Germany

Preliminary Agenda

Wednesday, October 26, 2022

Dedicated to Live Online Workshop

Mitochondria Workshop 2022: How to Evaluate Mitochondria Function?

Part 1: Bioenergetics. Metabolism, mitochondrial respiration rates, ATP synthesis, mitochondrial membrane potential and respiratory chain activities.

Part 2: Mitochondrial biogenesis, dynamics and mitophagy

Part 3: Biochemical diagnosis of mitochondrial diseases

Dr. Naïg Gueguen, Mitovasc Institute, Mitolab team, INSERM 1083, CNRS 6215, Centre Hospitalier Universitaire d'Angers, Angers, France

For full agenda, registration, and information, please follow this link

MITOCHONDRIA
WORKSHOP



13th World Congress on Targeting Mitochondria

October 26-28, 2022 – Berlin, Germany

Preliminary Agenda

– Day One –

Thursday, October 27, 2022

Welcome Note of Targeting Mitochondria 2022



Volkmar Weissig, President of the World Mitochondria Society, Midwestern University, USA



Marvin Edeas, Founder & Chairman of The Scientific Committee, University de Paris, INSERM 1016, Institute Cochin, France

9h10 - 10h30

Session 1: Mitochondrial Dysfunctions and Dynamics in Chronic Diseases

- Cardiovascular diseases
- Obesity
- Neurodegenerative diseases

Coffee Break

11h00 - 13h30

Session 2: Mitochondria Transplantation and Transfer

- Transfer via Mitopunch
- Transfer via Nanotubules
- Nanosomes mitochondrial transfection

14h10 - 16h00

Session 3: Extracellular Vesicles, Exosomes and Mitochondria

- Mitochondria derived extracellular vesicles
- Mitochondria rich extracellular vesicles

16h00 - 17h30

Session 4: Mitochondria, Immunity and Cancer

End of the first day



13th World Congress on Targeting Mitochondria

October 26-28, 2022 – Berlin, Germany

Preliminary Agenda

– Day Two –

Friday, October 28, 2022

9h10 - 10h30

Session 5 – Nuclear-Mitochondrial Interactions and their Effect on Longevity and Health

Coffee Break

11h00 - 15h30

Session 6 – Strategies to Target Mitochondria: Clinical Trials and Potential Mitochondria-based Therapies

- Mitochondria Genome Manipulation
- Mitochondria Targeting polymeric nanoparticles

Coffee Break

16h00 - 17h00

Session 7 – WMS Challenges in the Acceleration of Mitochondrial Medicine

- Submit your innovation and technology for review by WMS Scientific Committee.
- Top ranked Innovations will be offered an opportunity to showcase your technology to all World Mitochondria Society Members. Submit your innovation before August 30, 2022.

17h00 - 19h00

Day 2 Short Oral Presentations

Concluding Remarks

Scientific & Innovations Awards

End of Targeting Mitochondria 2022

Note that you can submit your abstracts on any of those sessions. [Submit your abstract.](#)