Accelerating Life Science Discovery

# Mitochondria Signaling in Physiology and Disease

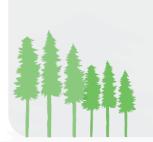
February 9-12, 2026

http://keysym.us/KSMitochondria26



Keystone Resort | Keystone, CO, USA

## Scientific Organizers:









Aleksandra Trifunovic, PhD University of Cologne



#### Unlocking Mitochondrial Signaling: New Frontiers in Disease and Therapy

Mitochondria are not just energy producers; they are central signaling hubs that regulate cell fate and function. This meeting will explore how mitochondrial DNA influences inflammation, how metabolites regulate epigenetics, the role of ROS in stress responses, and mitochondria's contributions to aging and neurodegenerative diseases. We will also discuss their potential as therapeutic targets for conditions like ischemia-reperfusion, hair loss, and inflammation.

## **Featured Programming:**

- Mitochondria Signaling in Neuroscience
- Symposia Spotlight 1: Signals Linking Mitochondria to Cell Function
- Mitochondria Control of Inflammation
- Mitochondrial Dependent Stress Responses
- Panel: Challenges Targeting Mitochondria Career Roundtable & Networking for Therapy
- Mitochondrial Respiration Dependent Signals
- · Mitochondria Metabolite Signaling
- · Symposia Spotlight 2: Tools to Probe Mitochondrial Biology
- Mitochondrial ROS Signaling

SHORT TALK ABSTRACT / SCHOLARSHIP DEADLINE: OCTOBER 14, 2025 EARLY REGISTRATION DEADLINE (SAVE \$200!): DECEMBER 11, 2025 **POSTER ABSTRACT DEADLINE: JANUARY 19, 2026** 

\*Deadlines subject to change. Check meeting site for latest information.

#### **KEYNOTE SPEAKER**



Anu Suomalainen Wartiovaara, MD, PhD University of Helsinki

#### **CONFIRMED SPEAKERS**

**Liron Bar-Peled Kivanc Birsoy** Navdeep S. Chandel Michelle F. Clasquin Andrew G. Dillin Jose Antonio Enríquez Marcia C. Haigis Shohreh Issazadeh-Navikas Pekka Katajisto Prashant Mishra María Mittelbrunn Mike P. Murphy Dave Pagliarini Lena Pernas Jan Riemer Janine Santos Reuben J. Shaw Aleksandra Trifunovic Phillip West

> Elena Ziviani MARK YOUR CALENDAR:



Click Add to Calendar for an early registration reminder.