

Biophysical Society 70th Annual Meeting
Bioenergetics, Mitochondria, and Metabolism Subgroup Symposium
Saturday February 21, 2026
San Francisco, California

Subgroup Co-Chairs: Erin Seifert, Thomas Jefferson University, USA and Pablo Peixoto, Baruch College, CUNY, USA

Symposium Chair: Natalie Niemi, Washington University School of Medicine, USA, and Pablo Peixoto, Baruch College, CUNY, USA

Symposium Time: 1:30-5:30 PM PST

Subgroup Business Meeting: 5:10 PM EST

Symposium Room: 153

1:30 AM Opening Remarks

1:32 PM Pinchas Cohen, University of Southern California, USA
Mitochondrial Microproteins: Novel Regulators of Cellular Function

1:58 PM Sarah Nowinski, Washington University School of Medicine, USA
Oxidative Mitochondrial Metabolism in the Control of Myogenic Differentiation

2:26 PM FLASH TALK: Nicholas Clark, University at Buffalo, USA
Mechanism of Human Mitochondrial Magnesium Channel Opening: Structural and Functional Perspectives

2:41 PM Ian Collinson, University of Bristol, UK
Mitochondrial Import and Import Failure: tales of the unexpected

3:09 PM Break

3:29 PM Natalie Niemi, Washington University School of Medicine, USA
Mitochondrial Regulation from the Inside Out

3:57 PM FLASH TALK: Megha Rajendran, NIH, USA
Dynamic Regulation Of Mitochondrial Outer Membrane Permeability And Function Through Vdac Complexation With Cytosolic Proteins

4:12 PM Shey-Shing Sheu, Thomas Jefferson University, USA
Lights, Magnetism, Action: Use Quantum Mechanics to Explore Oxidative Phosphorylation Activity of Heart Mitochondria

4:38 PM Young Bioenergeticist Award Talk: Benjamín Tomás Cartes Saavedra

4:53 PM Student Bioenergeticist Award Talk: Francisco Figueroa

5:10 PM Closing Remarks and Subgroup Business Meeting

The Bioenergetics, Mitochondria, and Metabolism Subgroup is grateful for support from the following sponsors:



frontiers
in Molecular Biosciences

nanji[on