

Biophysical Society 69th Annual Meeting
Bioenergetics, Mitochondria, and Metabolism Subgroup Symposium
Saturday February 15, 2025
Los Angeles, California

Subgroup Co-Chairs: Harpreet Singh, Ohio State University, USA and Shanmughapriya Santhanam, Pennsylvania State University, USA

Symposium Chair: George Porter, University of Rochester School of Medicine, USA, and Pamela Wenzel, UTHealth Houston McGovern Medical School, USA

Symposium Time: 8:30 AM- 12:30 PM PST

Subgroup Business Meeting: 10:30 AM PST

Symposium Room: 511ABC

Symposium Title: Bioenergetics and Cellular Differentiation

8:30 AM Opening Remarks

8:32 AM Jason Tennessen, Indiana University, USA

Oncometabolites, Fruit Flies, and Rotting Bananas - Drosophila melanogaster as a Model for Studying Tumor Metabolism

9:00 AM Atsushi “Austin” Nakano, University of California Los Angeles, USA

The Role of Glucose in Cardiogenesis

9:28 AM Roman Eliseev, University of Rochester School of Medicine, USA

Crosstalk of Differentiation and Bioenergetic Pathways in Bone Marrow Stromal/Stem Cells

9:56 AM George Porter, University of Rochester School of Medicine, USA

Metabolism of the Developing Heart

10:20 AM Break

10:30 AM Business Meeting

10:40 AM Student/Postdoc Talk

10:50 AM Student/Postdoc Talk

11:00 AM Vivian Gama, Vanderbilt Center for Stem Cell Biology, USA

The Coordination of Mitochondrial and Peroxisomal Fission Establishes Cell Fate During Neurogenesis

11:30 AM Young Biophysicist Awardee Talk: Manigandan Venkatesan, University of Texas Health San Antonio, Texas, USA

11:58 AM Student Biophysicist Awardee Talk: Jinchan Liu, Yale University, USA

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



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They are also grateful to the following individuals who sponsored the Subgroup Symposium:

Isabelle Deschenes, Ohio State University

George Porter, Rochester

Sheng-Sheu Jefferson, Shey

Pamela Wenzel, University of Texas