Biophysical Society 68th Annual Meeting Bioenergetics, Mitochondria, and Metabolism Subgroup Symposium Saturday February 10, 2024 Philadelphia, Pennsylvania

Subgroup Co-Chairs: Nelli Mnatsakanyan, Pensylvania State University College of Medicine, USA and Ildikò Szabò,

Università di Padova, Italy

Symposium Chair: Alicia Kowaltowski, University of Sao Paulo, Brazil, and Nuno Raimundo, Penn State College of

Medicine, USA

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

Subgroup Business Meeting: 5:15 PM EST

Symposium Room: 103C

Symposium Title: Multifaceted Role of Mitochondria in Health and Disease

8:00 AM Opening Remarks

1:35 PM Amalia Dolga, University of Groningen, Netherlands The Neuroprotective Role of Mitochondrial Transfer in Ferroptosis

2:00 PM Victor Faundez, Emory University, USA Regulation of the Secretome by Mitochondria

2:25 PM Michela Carraro, Università di Padova, Italy Disentangling the Mitochondrial Permeability Transition

2:50 PM Nuno Raimundo, Pennsylvania State University, USA *Mitochondria-Lysosomes, A World Beyond Mitophagy*

3:15 PM Break

3:30 PM Polina Lishko, Washington University in St. Louis, USA Sperm Energetics in Fertility and Contraception

3:55 PM Dhanendra Tomar, Wake Forest University, USA Beyond Calcium Uniporter: MICU1's Impact on Mitochondrial Cristae and Ultrastructure

4:20 PM Alicia Kowaltovski, Universidade de São Paulo, Brazil Mitochondrial Ion Transporters as Sensors and Regulators in Energy Metabolism

4:45 PM Young Bioenergeticist Award Talk: Yihui Shen

5:00 PM Student Bioenergeticist Award Talk: Gabriele Coluccino

5:15 PM Closing Remarks and Subgroup Business Meeting

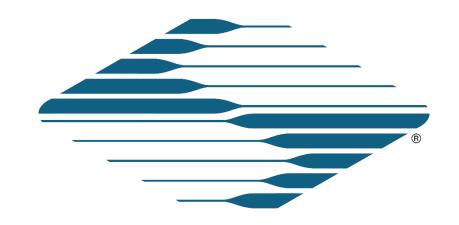
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