

Bioengineering 2019 Symposium
Saturday March 2, 2019
Baltimore, Maryland
9:00 AM – 12:40 PM
Convention Center Rooms: 327, 328, 329
Subgroup Chair: Amir Farnoud, Ohio University

9:00 AM to 9:10 AM

Amir Farnoud, Ohio University, Athens, OH, USA

Opening Remarks

9:10 AM to 9:40 AM

Ka Yee Lee, University of Chicago, Chicago, IL, USA

Nanoparticle-supported lipid bilayers: A platform for interrogating lipid-protein interactions at highly curved surfaces

9:40 AM to 10:10 AM

Susan Daniel, Cornell University, Ithaca, NY, USA

Golgi-on-a-Chip for the Cell-free Bio-nanomanufacturing of Protein Therapeutics

10:10 AM to 10:40 AM

Mark Uline, University of South Carolina, Columbia, SC, USA

Utilizing the synergistic power of molecular theory and molecular simulation to solve bioengineering problems

10:55 AM to 11:10 AM

Subgroup Business Meeting

11:10 AM to 11:40 AM

Daniel Hammer, University of Pennsylvania, Philadelphia, PA, USA

Upstream migration of amoeboid cells: dynamics and memory

11:40 AM to 12:10 PM

Jennifer Elisseeff, Johns Hopkins University, Baltimore, MD, USA

Immunoengineering in Regenerative Medicine

12:10 PM to 12:30 PM

Hirohito Yamazaki, Northeastern University, Boston, MA, USA

Photothermally-Assisted Lipid Bilayer Coating on a Sin Nanopore for High-Throughput Protein Channel Formation

12:30 PM to 12:40 PM

Amir Farnoud, Ohio University, Athens, OH, USA

Closing Remarks

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