

Poster Session 2- Odd Numbers

ARMS Atrium - June 5th – 11AM- 12PM

#	Name	Department	PI	Title
1	Nidhi Walia	Biochem	Andrew Mesecar	The Speck That Spreads Alzheimer's: Structure-Guided Discovery of ASC Filament Inhibitors
3	Phillip Rushton	Biological Sciences	Cynthia Stauffacher	Resistance Fighters: Developing a Novel HMG-CoA Reductase Inhibitor to Combat Gram-Positive Bacteria
5	Linda Shen	Biological Sciences	Nicholas Noinaj	Structural properties of bacterial NACHT protein 12 in bacterial phage-defense system
7	Misa Meadows	Biochem	Andrew Mesecar	Decoding Drug Resistance in SARS-CoV-2 3CL Protease Variants to Inform Next-Generation Inhibitor Design
9	Hasan Tuncer	Physics	Yulia Pushkar	Computational Insights into O-O Bond Formation and Electronic Structure in Oxygen Evolving Complex of Photosystem II
11	Jih-Ying Chen	Biological Sciences	John Tesmer	Structural Study of Atypical Chemokine Receptor 3 in Complex with GRK5
13	Faith McCauley	Chemistry	Angeline Lyon	Characterizing the regulatory regions of Phospholipase C e (PLCe) in membrane recruitment
15	Kafi Khan	Computer Science	Daisuke Kihara	Learning to Denoise Heterogeneous Cryo-EM Particle Images for Fast and Accurate 3D Reconstruction
17	Cecon Mahapatra	Office of Research		Best Practices in Research Data Management for Rigor & Reproducibility in Life Sciences
19	Sumon Naskar	Chemistry	Wesley Coychrane	Mapping RNA Druggability in Cells
21	Gillian Barth	Biological Sciences	Cynthia Stauffacher	Novel inhibitors target dual pathways in vancomycin-resistant <i>Enterococcus faecalis</i>
25	Anika Jain	Biology	Daisuke Kihara	Emap2Lig: Predicting and Modeling ligands in cryo-EM Maps Using Deep Learning
27	Lauren Hesting	Biological Sciences	Angeline Lyon	Investigating Isoform-Specific Differences in Phospholipase C β Enzymes
29	Nicole Irizarry Tardi	Food Science	Arun K. Bhunia	LAP-derived Peptides as Epithelial Tight Junction Modulators for Oral Delivery of Protein Drugs
31	Dhulika Ravinuthala	Biological Sciences	Carol Post	Structural and Energetic Contributions of PRNP Codon-129 M/V Polymorphism and Anionic Cofactors to the Stability of Patient-Derived GSS Prion Fibrils
33	Deborah Mettle	Biological Sciences	Lauren Ann Metskas	Clustered endocytosis of mature Kunjin virus revealed by in situ cryo-ET
35	Sohan Shah	Chemistry	Jonathan Schleich	Comprehensive Identification of Temperature-Sensitive GPCRs that are Chaperoned by Approved Drugs
37	Anne Leaman	MCMP	Qingfei Zheng	Chemical Proteomic Profiling of the Histaminylation Proteome in Cancer Cells Unveils Uncharted Epigenetic Marks on Core Histones
39	Daye Kwon	Biology	John Tesmer	Functional and Structural Characterization of Smoothed Signaling via GRK2