POSTER PRESENTATIONS

POSTER	PRESENTER	TITLE
1	Tuba Marjan	Hydrogel platform with tunable biochemical properties to study cell-matrix interactions
2	Anika Jain, Shu Li	Ligand modeling into Cryo-EM maps
3	Alexander Baena	Novel Sporocarp Production System using Engineered Biophysical Elements Without Solid Substrates
4	Leon Laskowski	Determine the mechanism by which the D630Y mutation constitutively activates PLCbeta4
5	Shukun Wang	Molecular mechanism for Tn7-like transposon recruitment by a type I-B CRISPR effector
6	Mengxi Chen	Unveiling TdfG: a Putative TonB-dependent Transporter in Neisseria gonorrhoeae
7	Lan Chen	*This is a poster to introduce the capability of the Chemical Genomics Facility at the Purdue Institute for Drug Discovery*.
8	Shivam Mahapatra	Spatiotemporally precise optical manipulation of intracellular molecular activities
9	Samson Oladeji	Development of a Mycobacterium smegmatis oligoribonuclease inhibitor
10	Badeia Saed	Imaging Vesicular Dynamics and Intracellular IL-2 in Activated Jurkat T cells
11	Ketaki Mahurkar	Understanding Ras-Mediated Activation of Phospholipase Ce
12	Yulia Pushkar	Electronic requirements for low barrier O-O bond formation in Natural and Artificial Photosynthesis
13	Cecon Mahapatra	Responsible Conduct of Research (RCR)
14	Livia Bogdan	Investigating the GEF activity of Phospholipase Cε
15	Chang Jiang	Logic-gated mvGlu Photoacoustic Probe for Companion Diagnostic Applications
16	Jacqueline Anderson	Enterovirus D68 VP3 Aspartic Acid 18 is Required for Capsid Assembly and Maturation

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17	Chris Cho	Structural Study of a Non-Canonical ABC Importer, the E. coli Ribose ABC Importer
18	Dorothy DRozario	Structural insights into contact-dependent inhibition in bacterial warfare
19	Genki Terashi	DeepMainmast: Integrated Protocol of Protein Structure Modeling for Cryo-EM with Deep Learning and Structure Prediction
20	Pranav Punuru	VIPER: A Conversational Interface for Protein Research and Analysis
21	Nathan Wallace and Nicholas Van der Werff	Optimize your structural biology workflows with stability and affinity insights from NanoTemper
22	Chidinma Ononiwu	Structural and mechanistic insights into de-ADP-ribosylation activity of a macrodomain enzyme from *Giardia Intestinalis*
23	Javad Baghirov	
24	Linda Shen	Structural and functional characterization of CyclikEr and Gingiegirl from the bacteriophage Potatosplit
25	Shreya Mukherji	Understanding Fusion kinetics of flaviviruses based on their maturation state
26	Hanna King	Generation of an Antigenic Prodrugs for Monitoring Immunoproteasome Mediated MHC-I Loading
27	Tsukasa Nakamura	DAQ-Score Database and DAQ-refine:Deep-learning Based Quality Estimation and Refinement of Cryo-EM Derived Protein Models
28	Johanna Bovill	Investigating PLCb3 activation by Gaq using Cryo-EM
29	Nicolas Cordoba	Protonation-state Determination and Spectra Manipulation of Charged mutants of Water Soluble Chlorophyll-binding Protein
30	Jacklyn Gallagher	Towards the Discovery of Small Molecules that Restore the Expression and Function of CTD Variants
31	Suritra Bandyopadhyay	Activity-Based Nitric Oxide-Responsive Porphyrin for Site-Selective and Nascent Cancer Ablation
32	Joseph Forzano	Development of Aldehyde Dehydrogenase-Activated Photosensitizers for Targeted Photodynamic Therapy

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33	Deborah Mettle	Elucidating Flavivirus - Host cell interactions in infection using cryo-electron Tomography
34	Jiachen Sun	PI(3,5)P2 Controls the Signaling Activity of Class I PI3K
35	Simona Kavrakova	Cellular cholesterol modification methodology
36	Sagarika Taneja	A pH-Responsive Rhodamine Nanotube Capable of Self-Reporting the Assembly State
37	Amala Phadkule	Controlled Knockdown of Photosystem I in Synechocystis sp. PCC 6803
38	Nikki Leslie	Clinical Relevance of G Protein-Coupled Receptor Kinases (GRKs) and Associated RhoGEFs in Cancer Progression