

Poster #	Name of Presentor	Poster Title
1	Natalia Kozlyuk	Using fragment-based drug design to inhibit RAGE-ligand interactions.
3	Boone Prentice	Implementation of 193 nm ultraviolet photodissociation on a Fourier transform ion...
5	Pratibha P. Ghodke	Synthesis and Bypass Studies of AGT-DNA Cross-links
7	Keisha N. Hardeman	Fatty Acid B-oxidation and Synthesis in BRAF-mutated Melanomas Is Uncoupled...
9	Abigail LaBella	Codon usage in the Saccharomycotina - How the silent codon position can be used...
11	Gregory Sliwoski	The implications of human genetic diversity for structural biology
13	Sun Wook Kim	Microvillar sensation of shear stress induces autophagic flux in the intestinal epithelium
15	Marcin Wos	Sphingolipids modulate the coordination of growth and cell wall formation in yeast
17	James Faust	F-actin is stabilized during differentiation
19	Caleb Fischer	Deciphering the bioactive chemical arsenal of myxobacterial predation
21	Aaron May-Zhang	Optimization of Laser Capture Microdissection for Isolation of the Enteric Ganglia...
23	Roslin Thoppil	CLASP1 is Required for CLASP2 Localization and Function at Microtubules in...
25	Beth Lawrence	Human CLASP2 specifically regulates microtubule catastrophe and rescue
27	Anandharajan Rathinasabapathy	Inflammatory factors drive the molecular etiology of pulmonary arterial hypertension in...
29	Matthew Mead	Evolutionary rewiring of the genetic regulatory network controlling spore formation...
31	Daniel Blackwell	Improved calcium handling in human induced pluripotent stem cell cardiomyocytes
33	Mindy Leelawong	Molecular Assessment of Antimalarial Drug Resistance Using Sentinel L-DNA...
35	Qiong Wu	Circulating transfer RNA-derived small RNAs are altered in patients with rheumatoid...
37	Yaohua Yang	DNA methylation quantitative trait loci and breast cancer risk: an analysis of data from...
39	Richard O'Neil	Transposon-modified antigen-specific T lymphocytes for sustained therapeutic protein...
41	Victoria Mukuni	An Examination of faculty diversity in STEM departments of ACC schools
43	Monica L. Ridgeway	Shaping the study: An exploratory analysis using intersectionality to guide future...
45	Thomas Folland	Two dimensional materials for Infrared Nanophotonics
47	Andrew O'Hara	Origins of interface traps in MoS ₂ -based field-effect transistors
49	John A. Brehm	Electron beam-induced synthesis of hexagonal 1H-MoSe ₂ from square β -FeSe...
51	Sebastian Zuluaga	Two-dimensional PdSe ₂ -Pd ₂ Se ₃ junctions can serve as nanowires
53	Hunter Sims	Intrinsic interfacial van der Waals monolayers: Effect on the superconductivity of...
55	Tianli Feng	Theoretical phonon spectroscopy using predictive atomistic simulations
57	Byungil Kim	VIR-CLASP reveals unexpected interactions between host-encoded pioneer RNA...
59	Ali Nazmi Abdelnabi	Osteopontin provides a survival signal for intestinal intraepithelial lymphocytes in mice
61	Nagarajan Raju	NFPws: A web server for delineating eptiope-specific broadly neutralizing antibody...
63	Lauren Palmer	Dietary zinc restriction compromises host immunity to Acinetobacter baumannii lung...
65	William Beavers	Bactericidal Mechanisms of Arachidonic Acid against Staphylococcus aureus
67	Caroline Grunenwald	MntE is essential for maintaining intracellular manganese homeostasis in...
69	Katie Osborn	Cerebral blood flow and cerebrovascular reactivity predict cognitive trajectory in older...
71	Ralph Hazlewood	Differential effects of angiotensin II type I receptor blockers on reducing TGF β signaling...
73	Brandee Feola	Heterogeneity in Schizophrenia: Parsing by Temperament
75	Macarena Suarez Pellicioni	Fluency in symbolic arithmetic refines the approximate number system in parietal cortex
77	Meher Juttukonda	Noninvasive characterization of cerebral hemodynamics in sickle cell anemia
79	Lili Wang	Action potential triangulation and instability in TnT-I79N human iPSC-CMs

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2	Wenpeng Liu	Identification of ZNF280C as a novel fork stabilization protein
4	Olive Njuma	Synthesis of N7-Methyl Deoxyguanosine Adduct for the Evaluation of Miscoding Events...
6	Benjamin Nixon	Nuclear Localized Raf1 Isoform Alters DNA-dependent Protein Kinase Activity and the...
8	Charles M Nichols	Ion Mobility in support of Untargeted Metabolomics
10	Alexandra Rutledge	The Center for Innovative Technology: A Collaborative Research Core for Metabolomics
12	Bartholomew P. Roland	Exofacial membrane composition regulates plasma membrane P4-ATPase activity
14	Armelle Le Guelte	Determination of cap cell fate in the developing mammary gland by lineage tracing
16	Lindsey Seldin	Mammary myoepithelial cells respond to damage by altering cell fate in vivo
18	Anneke Sanders	Non-random gamma-TuNA-dependent spatial pattern of microtubule nucleation at the...
20	Kathryn Trogden	Golgi-derived microtubules in pancreatic β -cells are regulated by glucose through cAMP...
22	Sarah Short	MTGR1 regulates stem cell dynamics and protects against stress-induced stem cell failure
24	Hossein Jashnsaz	Identification of maximally predictive models of signal transduction pathways
26	Naveenchandra Suryadevara	Selective Autophagy: A Mechanism for Cytoplasmic Antigen Presentation by MHC Class...
28	Kyungsoo Kim	Comparable calcium handling and contractility in human iPSC cardiomyocyte models of...
30	Jiansheng Huang	Scavenging reactive aldehydes with 5'-O-pentyl-pyridoxamine (PPM) improves HDL...
32	Xin Tong	Human T1D and T2D pancreatic islets have a higher number of lipid-rich droplets than...
34	Alex Nackenoff	Gene Function Analysis of Alzheimer's Genetic Risk Factor Phospholipase D3
36	Shajila Siricilla	Selection of Optimal Myometrial Cells for High-Throughput Screening for Novel...
38	Nidhi Jyotsana	RNA interference efficiently targets human leukemia driven by a fusion oncogene in vivo.
40	Anand Prakash Singh	Analysis of cardiotoxic mechanism(s) associated with tyrosine kinase inhibitor ponatinib
42	Dhivya Sudhan	Hyperactivation of mTORC1 drives acquired resistance to the pan-HER tyrosine kinase...
44	Amy Engevik	Deficits in apical sodium and water transporters along with maintenance of CFTR...
46	Matt Wilkins	From Reef Fish to Climate Change: Using Real Scientific Datasets in K12 Math and...
48	Patricia Buenrostro	The Sweet Spot: How to Get Middle Schoolers to Talk about Math
50	Brittany Allison	The Leadership Alliance: Training, Mentoring, and Inspiring
52	Mukesh K Gupta	Thermogelling, ABC Triblock Copolymer Platform for Resorbable Hydrogels with Tunable...
54	Bradley W. Pitcher	WITHDRAWN
56	Oleg Kovtun	Single Quantum Dot Tracking and Superresolution Imaging of Plasma Membrane...
58	Alessandro Fascetti	Dual random lattice modeling of erosion in flood protection infrastructure
60	Priyanka Manchanda	Chemically stabilized DT-MoS ₂ alloys for enhanced electrocatalytic activity
62	Summayya Kouser	Interface-induced emergent properties in self-assembled La _{1-x} Sr _x MnO ₃ /La _{1-y} Sr _y MnO ₃ ...
64	Einas Batarseh	Comparison of RSV hospitalized children with and without underlying medical condition
66	Lubna Hamdan	Acute Gastroenteritis Illness Severity by Pathogen and Rotavirus Vaccine Status
68	Chris Lopez	A Host Immune Protein Guides Clostridium difficile Niche Selection in the Gut
70	Erin Green	A metal-responsive transcriptional regulator protects Acinetobacter baumannii from...
72	Jessica Sheldon	Histamine at the host-pathogen interface during Acinetobacter baumannii infection
74	Stacey Mont	Inhibition of CDK4/6 and Pi3Ky modulates mammary tumor immune microenvironment to...
76	Celeste Greer	Methylation of CA repeats as a regulator of memory formation
78	Suzanne Avery	Hippocampal Network Dysfunction and Relational Memory Deficits in Schizophrenia
80	Alexander Conley	Response to transdermal nicotine in Late Life Depression alters electrophysiological...