

Session 1 (1:00 PM - 2:10 PM)

Location: Silver Pearl 1

TIME	POSTER ID	SPEAKER	TITLE
1:00 PM	P-081	Ruiqi Huang	A Two-component Two-step (TCTS) Transformable Nanoplatfrom against Cancers Based on Bioorthogonal Click Chemistry
1:10 PM	P-061	Patrick Gonschorek	Split inteins for generating combinatorial nonribosomal peptide libraries
1:20 PM	P-054	Isabel Mathiesen	RaPID Discovery of Covalent Cyclic Peptide Binders
1:30 PM	P-059	Maxwell Sigal	De novo discovery of α -helical peptides containing α,α -disubstituted α -amino acids
1:40 PM	P-077	Kathryn Fincham	Enhancing the Cytosolic Delivery of Bioactive Peptides
1:50 PM	P-090	Izabela Siekierska	Novel peptide nucleic acid conjugates with hydrocarbon-stapled peptides and aminoglycoside antibiotics to target gram-negative
2:00 PM	P-063	Zichen Liu	Systematic Assessment of Backbone N-methylation on Peptide Permeation Across the Mycomembrane in Live Mycobacteria

Location: Silver Pearl 2

TIME	POSTER ID	SPEAKER	TITLE
1:00 PM	P-016	Haley Anchukaitis	Activation of Class B GPCRs via Cell-Penetrable Membrane-Anchored Peptides
1:10 PM	P-055	Dror Ben Abba Amiel	Expeditious synthesis of peptides with multiple glycosylations
1:20 PM	P-018	Linh Tran	Calcium Mobilization Assay as a High Throughput Screening Assay for Mixture-based Positional Peptide Libraries on Opioid Receptors
1:30 PM	P-008	Kejia Yan	Regularized learning of binding interactions using genetically encoded library selection datasets
1:40 PM	P-159	Jordi Hintzen	A Versatile Fluorescent System for Studying Diverse Post-Translational Modifications Using Simple Peptide Substrates
1:50 PM	P-158	Jake Wilkinson	Evaluation of Benzoyllysine Isostere Interactions and Removal by Deacetylase Enzyme Hst2
2:00 PM	P-014	Alisha Doda	Progress towards evaluating the functional selectivity of endogenous D-amino acid-containing neuropeptides

Location: Silver Pearl 3

TIME	POSTER ID	SPEAKER	TITLE
1:00 PM	P-047	Jacob Wolfe	NMR-Guided Design of Heterogeneous-Backbone Mini-Metalloprotein Catalysts
1:10 PM	P-208	Nima Adhami	An Organometallic Strategy for Peptide Macrocyclization
1:20 PM	P-107	Syuan-Ting Kuo	A Dual Assembly Pathway of Liraglutide Uncovered by Advanced Integrative Native Mass Spectrometry
1:30 PM	P-101	Leander Crocker	Mapping peptide interactomes using an organic energy transfer photocatalyst
1:40 PM	P-170	Lucrezia Sforzi	Environmentally sustainable synthesis of cosmetic peptides
1:50 PM	P-097	Esther Meron	Combining AlphaFold and mRNA display technologies - de novo discovery and maturation of functional CD206 peptide binders
2:00 PM	P-099	Juan Dantis	Development of Immunoproteasome Substrate Labeling Assays (iSLAy)

Session 2 (2:30 PM - 3:40 PM)

Location: Silver Pearl 1

TIME	POSTER ID	SPEAKER	TITLE
2:30 PM	P-114	Belinda Zhang	Discovery of Selective Cyclic D-Sulfopeptide Ligands of the Chemokine CCL22 via Mirror-Image mRNA Display with Genetic Reprogramming
2:40 PM	P-113	Avraz Anwar	Total Synthesis of Marformycins A and D
2:50 PM	P-132	Stephanie A. Vogt	Breaking the boundaries of a clinically approved cyclic peptide: Development of rodent-active and long-duration compstatin analogs
3:00 PM	P-127	Minhee Lee	Substrate-derived peptides for selective covalent inhibition of protein tyrosine kinases
3:10 PM	P-118	Ferdinand Braun	Peptide inhibitors of the human cytomegalovirus core nuclear egress complex
3:20 PM	P-142	Hongkang Wu	Developing Simplified Insulin-like Peptide 5 (INSL5) Analogues as Colon Motility Regulators
3:30 PM	P-116	Diana A. Martinez-Baquero	Targeting Transient Receptor Potential Channels with Teretoxins for the Treatment of Liver Cancer

Location: Silver Pearl 2

TIME	POSTER ID	SPEAKER	TITLE
2:30 PM	P-035	Rida Ibrahim	Direct Installation of Amidines on Peptides
2:40 PM	P-039	Stephanie G. Garcia	α,β -Dehydroamino-Acid-Containing Peptides Resist Proteolysis and Inhibit Aggregation of a Tau-Derived Model Peptide
2:50 PM	P-002	Chia-Yuan Chen	A Bi-facial Tris-benzamide Scaffold Mimicking Two Helical Surfaces
3:00 PM	P-149	Madison Wright	Impact of backbone-oxidized proline surrogates on the stability of complex polyproline II folds
3:10 PM	P-034	Pei Hsuan Chen	DhaSulf: A Latent Handle for Introducing Dehydroamino Acids into Peptides & Applications for Anti-Aggregation Therapies.
3:20 PM	P-141	Heng Liu	α /Sulfonyl- γ -AApeptide Foldamers Mitigate Alzheimer's Disease Pathology by Stabilizing Transient Helical Domains in A β
3:30 PM	P-040	Sven Ullrich	Non-symmetric cysteine stapling in native peptides and proteins

Location: Silver Pearl 3

TIME	POSTER ID	SPEAKER	TITLE
2:30 PM	P-109	Anju Basnet	Developing Competence Stimulating Peptide (CSP)-Based Quorum Sensing Modulators in <i>Streptococcus sanguinis</i>
2:40 PM	P-086	Stepan Denisov	Photoprobes for target identification of Trefoil Factor Family Peptide 2 (TFF2) and its therapeutic use in inflammatory bowel disease
2:50 PM	P-104	Naysilla Dayanara	Chemoselective, regioselective, and positionally selective fluorogenic stapling of unprotected peptides for cellular uptake and direct cell imaging
3:00 PM	P-045	Subir Chatterjee	Design of miniproteins: From ultrastable α -helical hairpins to α -helical macrocycles
3:10 PM	P-191	Marcelo Munoz	Photoactive Peptide Injectable Materials for Restoring Thinning Corneas
3:20 PM	P-153	Tayla Van Oers	Designing FRET Substrates and Peptidomimetics for the Development of Broad-Spectrum Inhibitors of Coronaviral Main Proteases
3:30 PM	P-166	Diptomit Biswas	Retro-Inversion Imparts Antimycobacterial Specificity to Host Defense Peptides