

9th Peptoid Summit Posters

Poster Session #1: Last names A-K, Thursday, 8/6/15, 5:30 - 6:30 pm, 5th Floor Molecular Foundry

Kimberly Barnash	UNC Chapel Hill	Libraries for Readers: Peptoids Targeting Methyl-lysine Binding Proteins
Maria Baskin	Technion- Israel Institute of Technology	Formation of Secondary Structure of Unstructured Peptoids by Metal Coordination
Alessia Battigelli	Molecular Foundry, LBNL	Functionalized Peptoid Nanosheets for the Specific Recognition of Multivalent Proteins
Rachel Bisiewicz	UC Berkeley	Separation of the Lanthanide Ions using Peptoid-Based Materials
Hannah Bolt	Durham University	Functionality of peptoids against fungal biofilms of <i>Candida albicans</i> , determined using novel qPCR methodology
Cobb group	Durham University	Peptoid Calculator
Kevin Brahm	TU Darmstadt	Translation of high affinity binding peptides to peptomer sequences and combinatory peptoid libraries in chemokine inhibitor screenings
Jianfeng Cai	University of South Florida	Helical antimicrobial sulfono-gamma AApeptide
Adrian Culf	Atlantic Cancer Research Institute	Small head-to-tail macrocyclic alpha-peptoids: solution and solid-phase reagent synthesis
Megan Dunn	University of Michigan	pH-mediated Hybridization of Complementary Dynamic Covalent Oligomers
Niklas Gangloff	University Wuerzburg	Investigating the effects of dispersity of polymers on the self-assembly of block copolymers
Ben Gorske	Bowdoin College	Folding Peptoids for Catalysis and Biochemical Inquiry
Douglas Greer	Molecular Foundry, LBNL	Crystallinity Driven Peptoid Tubes
Ekram Hossain	University of the Pacific	Li ⁺ /Li ⁺ and Li ⁺ /H ⁺ Multicharged Peptoid Fragmentation under Tandem Mass Spectrometry Conditions
Darja Ivannikov	Karlsruhe Institute of Technology	μ 3DVasc: a new microfluidic tool for the analysis of transendothelial transport of polycationic peptoid transporters in vitro
Vikrum Jain	Santa Clara University	Synthesis of modified peptoids comprising heteroaromatic backbones
Fang Jiao	East China Normal University	2D peptoid sheets' self-repairing and nanopatterning
Haibao Jin	Pacific Northwest National Laboratory	pH-responsive pepsome self-assembled from amphiphilic peptoids
Boyeong Kang	Gwangju Institute of Science and Technology (GIST)	Porphyrin-peptoid conjugates with tunable self-assembly and spectroscopic properties
Christine Kang	Oregon State University	Au-some Nanosheets: Embedding gold nanoparticle monolayers into peptoid nanosheets
Hyun Soo Kim	POSTECH	On-Resin Protection for Efficient Sequence Determination of Cyclic Peptoids
Jae Hong Kim	Molecular Foundry, LBNL	FRET-based high throughput screening assay for identification of loopoid nanosheet
Mark Kline	Molecular Foundry, LBNL	A Biomimetic Immune System: The Design and Synthesis of Loop-Functionalized Peptoid Nanosheets at Combinatorial Scale

Poster Session #2: Last names L-Z, Friday 8/7/15, 2:30 - 3:30 pm, 5th Floor Molecular Foundry

Kang Ju Lee	POSTECH	A One-Pot Ring-Opening/Cleavage Strategy for Constructing Combinatorial Cyclic Peptoid Libraries
Ang Li	Louisiana State University	Amidine-Mediated Zwitterionic Ring Opening Polymerization of N-alkyl N-Carboxyanhydrides
Hyun-Suk Lim	POSTECH	Oligomers of N-Substituted Homoalanines: New Peptoid Foldamers
Xiang Ma	Pacific Northwest National Laboratory	In situ AFM shows peptoid self-assembly follows a complex hierarchical pathway
Galia Maayan	Technion- Israel Institute of Technology	Microwave Assisted 'Click' and Cyclization reactions of Peptoids on Solid Support
Alessandra Meli	University of Salerno	Cyclopeptoid-based glycoclusters as unprecedented multivalent glycosidase inhibitors
Biljana Mojsoska	Roskilde University	Peptoids in antimicrobial drug development
Stephan Muench	Karlsruhe Institute of Technology	Multifunctional transporter moieties for cellular uptake in an organelle specific manner
Ho Yeon Nam	Gwangju Institute of Science and Technology (GIST)	Synthetic attempts toward novel peptoid structures using Suzuki coupling and ring-opening metathesis polymerization
Justin Northrup	Temple University	Spiroligomer-Peptoid Hybrids: A new set of functional macromolecules
Minyoung Park	The Rockefeller University	Site-specific labeling on ghrelin receptor via genetically-encoded unnatural amino acids
Katharina Peschko	Karlsruhe Institute of Technology	Macrocyclic peptoids, postmodification with the click reaction
Zachary Pieters	X-Therma	Engineering Peptoid Nanosheets for Catalysis
Jianhua Ren	University of the Pacific	Fragmentation patterns and mechanisms of singly and doubly protonated peptoids
Elizabeth Restituyo-Rosario	Protein Technologies, Inc.	Multi-variable Individual Heating Conditions Tested in Parallel Provide Rapid Process Optimization on Prelude® X
Ellen Robertson	Molecular Foundry, LBNL	Sheets or no? Kinetics of peptoid monolayer formation
Franziska Rönicke	Karlsruhe Institute of Technology	In vivo screening of a cell penetrating peptoid library to isolate organ specific transporter molecules
Nabanita Saha	Tomas Bata University	Peptoid Nanosheets: Biomimetic and Bioinspired Materials for Biomedical Applications
Rosaria Schettini	University of Salerno	Cyclopeptoids: a new class of macrocyclic phase transfer catalysts
Anne Schneider	Karlsruhe Institute of Technology	Peptoids for Biological Investigations – Antitumor Active Compounds
Hye-Min Shin	Gwangju Institute of Science and Technology (GIST)	Peptoid Helicity Modulation: Precise Control of Peptoid Secondary Structures via Position-Specific Placement of Chiral Residues
Satya Prakash Shukla	University of Houston	Homo- and Hetero-Peptoid Multimerizations to Target Cancer
Jaspal Singh	University of Houston	On bead peptoid applications in imaging tool development
Yftah Tal-Gan	University of Nevada, Reno	Peptidomimetics Applied to Combat Bacterial Infections
Darci Trader	The Scripps Research Institute	Discovery of Constrained Peptidomimetics for Novel Therapy of Multiple Myeloma