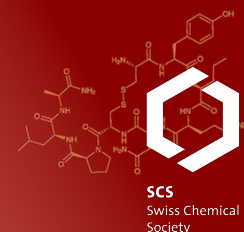


Peptide Therapeutics Forum 2024

August 22-23, Biozentrum Basel



Peptide Therapeutics Forum 2024

The Peptide Therapeutics Forum 2024 takes place on August 22-23 in Basel. The forum provides an innovative platform to exchange on the various aspects of drug development with a focus on peptides.

Similar to previous events in the framework of Basel Life, presentations highlight important new insights regarding the drug discovery of peptides including examples for successful development candidates. The forum disseminates information on latest news in the broad field of therapeutic peptides and enables networking of interested parties from academia and industries.

Program

Thursday, August 22, 2024

09.00	Welcome Coffee, Exhibition, Networking
09.45	Conference Opening and Welcome Message
10.00	Prof. Christian Heinis , EPFL, CH «Generating and screening large libraries of cyclic peptides for drug development»
10.30	Dr. Peter Timmermann , Biosynth, NL
11.00	Coffee Break
11.30	Dr. Olof Ericson , Antaros Tracer AB / Uppsala University SE «Affibody peptides for PET imaging of active fibrosis»
12.30	Dr. Aurelién Bigot , Syngenta, CH «Bugs, plants and peptides – Unleashing the power of chemical ecology for sustainable crop protection»
13.00	Lunch Break
14.20	4 Contributed lectures à 10min Alexander John Lander , University of Basel «Development of a Leech-Inspired Bivalent Peptide to Inhibit Complement-Initiating Proteases» Xing-Yu Liu , EPFL «Peptide Hypervalent Iodine Conjugates: Enabling Peptide Functionalization and Macrocyclization» Markus Orsi , University of Bern «Machine Learning for Antimicrobial Peptide Design» Kevin Schiefelbein , University of Zurich «Exploring the Chemical Space of Lasso Peptides by Merging Flow Synthesis and Enzymatic Transformation»
15.00	Dr. Johannes Koebberling , Bayer, DEU «Discovery & Early Development of Adrenomedullin Pegol for the Treatment of ARDS»
16.00	Dr. Louise Walport , The Francis Crick Institute, US «Introducing covalency into mRNA-displayed cyclic peptides»
16.30	Dr. Christina Schröder , Genentech, US «Discovery and development of disulfide constrained peptides»
17.00	Dr. Florence Brunel , Novo Nordisk, DK
17.30	Poster Session & Apéro
18.30	End of day 1

Friday, August 23, 2024

08.45	Morning Coffee, Exhibition, Networking
09.30	Prof. Hans-Dieter Arndt , University of Jena, DE «Natural Product derived Polyazole and Lipidated Cyclodepsipeptide Collections»
10.00	Prof. Meritxell Texeido , Gate2Brain, ES «Gate2Brain Blood-Brain Barrier Shuttle Peptides - From Discovery to Applications»
10.30	Coffee Break
11.00	Prof. Roderich Süßmuth , TU Berlin, DE «The impact of peptide drugs on antibacterial research – it is time to resist!»
12.00	4 Contributed lectures à 15min Ioana Ilie , University of Amsterdam «Digital development of peptides against Bax-induced apoptosis» Dr. Rumit Maini , Peplib Boston «Disulfide-Rich Peptides Phage Display for the Accelerated Discovery of Multicyclic Peptides with Antibody-like Affinity» Javier Rodriguez , Virometix AG «Engineered Synthetic Virus-Like Particles and Their Use in Antigen Delivery» Franz Waibl , ETH Zurich «Molecular dynamics simulation for structure-lipophilicity relationships of cyclic peptides»
13.00	Lunch Break
14.30	Dr. Patrizio Mattei , Roche, CH «Discovery of zosurabalpin»
15.00	Dr. Sivanewary Genapathy , Astra Zeneca, SE «The paradigm shift in peptide lead optimisation»
15.30	Coffee Break
16.00	Prof. César de la Fuente , University of Pennsylvania, US «AI for antibiotic discovery»
16.30	Best Poster & Oral Presentation Award Ceremony
16.50	Closing remarks
17.00	End of the conference

Registration Fees

On-site Participation in Basel	Regular Participant, Non-SCS Member	CHF	200.00
	Regular Participant, SCS Member or Postdoc	CHF	150.00
	Student Participant (MSc, PhD student)	CHF	50.00

Deadline is August 11, 2024.

Organizing Committee:

Prof. Roderich Süßmuth, Technische Universität Berlin, Department of Chemistry
Dr. Thomas Vorherr, Technische Universität Berlin, Department of Chemistry
Prof. Nina Hartrampf, University of Zurich

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