

Track on PEPTIDES

Tuesday, June 6

- 8:45 - 9:00 Welcome
- 9:00 - 9:40 New analogs of the Cecropin A and Melittin B hybrid CA(1-7)M(2-9) with improved properties
Beatriz G. de la Torre - *University of KwaZulu-Natal*
- 9:45 - 10:15 Podium Poster Highlights
- 10:20 - 10:50 Revolutionizing chronic skin infection treatment with a NIR-labelled antimicrobial peptide: theranostic application of LTX-109
Lucia Ferrazano - *Università di Bologna*
- 10:50 - 11:30 **COFFEE BREAK - POSTERS & EXHIBITION**
- 11:30 - 12:00 Coupling reagents and solvents, keys for Solid-Phase Peptide Synthesis
Fernando Albericio - *University of Barcelona*
- 12:05 - 12:25 An evaluation of conduction and microwave heating in solid phase peptide synthesis
Hanson Chang - *CSBio*
- 12:30 - 13:00 A peptidomimetic approach toward the inhibition of amyloid aggregation
Sara Pellegrino - *University of Milan*
- 13:00 - 14:15 **LUNCH - POSTERS & EXHIBITION**
- 14:15 - 14:45 Oral formulation of peptides & proteins
Philip Jonas Sassene - *Novo Nordisk*
- 14:50 - 15:10 Greener manufacturing of complex peptides with PurePep® end-to-end solutions – a collaboration with Prof Papini from PeptLab at University of Florence
Dominik Sarma - *Cyros Protein Technologies*
- 15:15 - 15:45 Delivery Approaches for Long Acting Injectables Peptide Formulations
Silvia Sonzini - *AstraZeneca*
- 15:50 - 16:30 **COFFEE BREAK - POSTERS & EXHIBITION**
- 16:30 - 17:00 The use of peptide chemistry techniques in the manufacture of radionuclide products
Craig Johnston - *Almac Group*
- 17:05 - 17:25 Towards peptide-based migraine medicines (with some help from prep HPLC)
Chris Coxon - *University of Edinburgh*
- 17:30 - 18:00 Production of therapeutic peptides via microbial fermentation with recombinant dna technology
Giuseppe Borrelli, Luca Bertetti - *Olon*
- 19:00 - 23:00 **Business NETWORKING** event

Wednesday, June 7

- 8:50 - 9:00 Welcome and wrap up day 1
- 9:00 - 9:40 The application of membrane technology to Peptide synthesis
Dominic Ormerod - *Vito*
- 9:45 - 10:05 Easy, quick purification and identification of peptides
Pierre-François Icart - *Advion-Interchim Scientific*
- 10:10 - 10:40 Sustainable large-scale purification of peptides with MCSGP
Ralf Eisenhuth - *Bachem*
- 10:45 - 11:30 **COFFEE BREAK - POSTERS & EXHIBITION**
- 11:30 - 11:50 Green Peptide Chemistry and Beyond: Holistic approaches to sustainable peptide manufacturing
Vera D'Aloisio - *AmbioPharm*
- 11:55 - 12:15 Green Solid Phase Peptide Synthesis (SPPS): from development to implementation
Olivier Ludemann-Hombourger - *Polypeptide*
- 12:20 - 12:35 Dipropylene glycol dimethyl ether (DMM), new green solvent for solid phase peptide synthesis: further challenges to improve sustainability in the development of therapeutic peptides
Giovanni Vivencio - *Università di Salerno*
- 12:35 - 12:50 2-CTC and MBH-Br resin loading in the mixture of organic solvents: a "greener" alternative to DCM, THF and DMF
Sergey Burov - *Cytomed JSC*
- 13:00 - 14:15 **LUNCH - POSTERS & EXHIBITION**
- 14:15 - 14:35 Solving resin swelling related backpressure variations, new perspectives for Pilot-scale SPPS
Lucas Meyer - *Sartorius Chromatography Equipment*
- 14:40 - 15:00 Synthesis of peptides in continuous flow: from optimisation to scale-up
Victoire Laude - *Vapourtec*
- 15:05 - 15:35 The streamLine Platform for Accelerated Peptide Clinical Candidate Identification
Morten Lundh - *Gubra*
- 15:40 - 15:55 Best Poster AWARD
- 16:00 - 16:15 Take home messages

Track on OLIGONUCLEOTIDES

Tuesday, June 6

- 8:45 - 9:00 Welcome
- 9:00 - 9:40 Aptamers as oligonucleotide therapeutic tools: OLIGOFASTX consortium as a model of oligonucleotide-based drug development
Miguel Moreno - *Aptusbiotech*
- 9:45 - 10:15 Podium Poster Highlights
- 10:20 - 10:50 Optimer® binders for the analysis and purification of novel biologics
Zak Murray - *Aptamer Group*
- 10:50 - 11:30 **COFFEE BREAK - POSTERS & EXHIBITION**
- 11:30 - 12:00 Creating a comprehensive toolbox for oligonucleotide drug discovery and development
Michael Postlethwaite - *WuXi Tides*
- 12:05 - 12:25 Oligonucleotide Purification with Reverse Phase Resins
Sophie Corbet - *Dupont*
- 12:30 - 13:00 DNA-encoded libraries, a new paradigm in Drug Discovery
Rieber Pierre - *NovAlIX*
- 13:00 - 14:15 **LUNCH - POSTERS & EXHIBITION**
- 14:15 - 14:45 Increasing Robustness of Twin-column Continuous Chromatography (MCSGP) Using UV-Based AutoPeak Control
Thomas Müller-Späth - *ChromaCon*
- 14:50 - 15:10 One-step oligonucleotide purification with on-column 5'-DMT cleavage using a novel chromatography resin
Patrick Endres - *Tosoh Bioscience*
- 15:15 - 15:45 An empirical model for purification performance and impurity co-elution predictions in ion exchange chromatography of oligonucleotides
John Andrews - *AstraZeneca*
- 15:50 - 16:30 **COFFEE BREAK - POSTERS & EXHIBITION**
- 16:30 - 17:00 Manufacturing resilience for next generation therapeutics
Katarina Stenklo - *Cytiva*
- 17:05 - 17:25 Characterization and quantification of oligonucleotide and RNA impurities by LC-MS
Cathy Lane - *SCIEX*
- 17:30 - 18:00 Improving the drug-like properties of oligonucleotides through backbone chemistry
Pachamuthu Kandasamy - *WaveLifeSciences*
- 19:00 - 23:00 **Business NETWORKING** event

Wednesday, June 7

- 8:50 - 9:00 Welcome and wrap up day 1
- 9:00 - 9:40 Identifying and tackling the key challenges in the control strategy for a therapeutic oligonucleotide
Mike Webb - *Mike Webb Pharma*
- 9:45 - 10:05 The benefits of a mechanistic approach to characterize and simulate ion exchange oligonucleotide purification processes
Kilian Kobl - *YpsoFacto*
- 10:10 - 10:40 Optimization of Extraction & LC-MS/MS Conditions to Address Challenges in the Bioanalysis of Oligonucleotides
John Perkins - *KCASBIO*
- 10:45 - 11:30 **COFFEE BREAK - POSTERS & EXHIBITION**
- 11:30 - 12:00 DNA nanostructures for enhanced delivery of antiproliferative drugs
Ramon Eritja - *IQAC-CSIC*
- 12:05 - 12:25 Transfer of Chromatographic Methods for Oligos – The Road to Success
Andreas Kunze - *UFAG Laboratorien*
- 12:30 - 13:00 Overcoming Challenges to RNA Systemic Extrahepatic Delivery with OligoPhore / SemaPhore delivery platform
Covadonga Paneda - *Altamira Therapeutics*
- 13:00 - 14:15 **LUNCH - POSTERS & EXHIBITION**
- 14:15 - 14:45 Pioneering Next-Gen Precision Medicine Approaches in ALS and Other Neurodegenerative Diseases
Hagen Cramer - *QurAlis*
- 14:50 - 15:20 Regulatory CMC Interactions and Intelligence for Oligonucleotide Programs
Jennifer Franklin - *Ionis Pharmaceuticals*
- 15:25 - 15:55 Strategies for Setting Specifications for Oligonucleotide Therapeutics
Judy Carmody - *Carmody Quality Solutions*
- 16:00 - 16:15 Best Poster AWARD
- 16:15 - 16:25 Take home messages