



IOPC

17-18 SEPT 2019

INTERNATIONAL
OLIGONUCLEOTIDES
AND PEPTIDES CONFERENCE



WELCOME

IOPC AGENDA

Thank you very much for being here:
you are the pioneer of these new COMMUNITY and EVENT.

The conference takes place in 2 different rooms:

- AZALEA > the track on peptides
- CAMPLUS > the track on oligonucleotides

It's time to start this 2-day meeting.
We wish you a successful experience!

The TKS team

Ramada Plaza Milano



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17-18 SEPT 2019

INTERNATIONAL OLIGONUCLEOTIDES AND PEPTIDES CONFERENCE



TRACK ON OLIGOS

Campus room - chairpersons: **Kathryn Ackley** and **Detlef Rethage**

DAY 1

8:50 – 9:05	Welcome	Azalea room
9:05 – 09:50	Keynote Lecture LNA Building Blocks for Therapeutic Oligonucleotides	Jesper Wengel University of Southern Denmark
09:50 – 10:40	Workshop on Discovery Oligonucleotide Drug Discovery and Optimization: Case Studies from 15 Years of LNA Drug Design	Christoph Rosenbohm Roche Denmark
10:40 – 11:00	CMC Considerations for mRNA based Therapeutics	Jo-Anne Riley Intertek
11:00 – 11:40	COFFEE – POSTERS & EXHIBITION	
11:40 – 12:10	Tackling the Challenge of Delivery for Antisense Oligonucleotides	Suzan Hammond University of Oxford
12:10 – 13:00	Workshop on Manufacturing	Thomas Rupp Thomas Rupp Consulting
13:00 – 14:00	LUNCH – POSTERS & EXHIBITION	
14:00 – 14:20	Pilot and Production Scale Oligonucleotide Synthesis: Overcoming the challenges of polystyrene resin through a novel synthesis method	Hanson Chang CS BIO
14:20 – 15:10	Workshop on Analytical Analytical Analysis of Oligonucleotide APIs	Ed Huber Nitto Denko Avecia
15:10 – 15:40	Roundtable Oligo Drug Development	Moderator: Arthur Krieg Kathryn Ackley
15:40 – 16:20	COFFEE – POSTERS & EXHIBITION	
16:20 – 17:05	Keynote Lecture Regulatory Challenges in Oligonucleotide Drug Development using the Example of BC 007, neutralizer of Pathogenic Autoantibodies against G Protein-Coupled Receptors for Autoimmune- Associated Heart Failure	Annekathrin Haberland Berlin Cures
17:05 – 17:30	Market Overview: Developments of an Advancing Oligonucleotide Therapeutics Pipeline	Detlef Rethage Rethage Advisors
17:30 – 19:00	NETWORKING COCKTAIL RECEPTION – POSTERS & EXHIBITION	
20:00 – 22:30	NETWORKING DINNER @ La casa dei ciliegi (walking distance)	

DAY 2

8:50 – 8:55	Welcome	Detlef Rethage Kathryn Ackley
8:55 – 9:40	Keynote Lecture Mechanisms and Therapeutic Applications of Immune Stimulatory CpG DNA	Arthur M. Krieg Checkmate Pharmaceuticals
9:40 – 10:10	Targeting Dynamin 2 in Centronuclear Myopathies with Antisense Oligonucleotides: Pathogenesis and Therapies	Belinda Cowling Dynacure SAS
10:10 – 10:40	CMC Challenges Associated with Oligonucleotide Products for Local Administration	Bianca Mathee ProQR Therapeutics N.V.
10:40 – 11:00	Investigator Talks	Kathryn Ackley
11:00 – 11:40	COFFEE – POSTERS & EXHIBITION	
11:40 – 12:10	Multitargeting Spherical Nucleic Acids: Advantages & Applications	Matthias Schroff Excicure
12:10 – 12:30	Manufacturing and process control of modified double stranded oligonucleotides	Manuela Fichte BioSpring
12:30 – 12:50	Challenges and Considerations in Designing a Large-Scale Solvent Facility for Oligos	Derek Levison emp Biotech
12:50 – 14:00	LUNCH – POSTERS & EXHIBITION	
14:00 – 15:00	Panel Discussion CDMO News Flashlight	Moderator: Detlef Rethage
15:00 – 15:30	Regulatory CMC Strategies for Addressing Recent Agency Questions for Clinical and Commercial Stage Oligonucleotides	Jennifer Franklin Ionis Pharmaceuticals
15:30 – 16:00	Oligonucleotide Manufacturing Capacity of CMO's. How Much is Enough?	Detlef Rethage Rethage Advisors
16:00 – 16:15	Final Discussion & Symposium Conclusion	Detlef Rethage Kathryn Ackley

TRACK ON PEPTIDES

Azalea room - chairpersons: **Anna Maria Papini** and **Fernando Albericio**

DAY 1

DAY 1		
8:50 – 9:05	Welcome	Azalea room
9:05 – 09:50	Keynote Lecture Peptide Therapeutics Market Trends	Frank Otto Gombert GPRS – Gombert Pharma Research Solutions
9:50 – 10:20	How to Manage Oral Bioavailability for Cyclic Peptides	Thomas Vorherr Novartis
10:20 – 10:40	Biological Assays: Responding to Increasing Demands in the Release of Peptide-Based APIs	Michael Postlethwaite Bachem
10:40 – 11:00	Investigators Talks	Sara Pellegrino University of Milan
11:00 – 11:40	COFFEE – POSTERS & EXHIBITION	
Workshop on Manufacturing – Moderator: Fernando Albericio		
11:40 – 12:10	Production of Peptide via Recombinant Approach. Advantages and Disadvantages from the Economic, Quality and Regulatory Point of View	Piera Fonte Olon
12:10 – 12:40	Synthesis of Linaclotide Peptide as an Example of a Complex Peptide for Commercial Large Scale Production-Case Study for Small and Commercial Production	Daniel Bourgin Dr. Reddy's CPS
12:40 – 13:00	Manufacturing NeoAntigen Peptides: Requirements and Pragmatism	Trishul Shah Polypeptide Group
13:00 – 14:00	LUNCH – POSTERS & EXHIBITION	
14:00 – 14:20	Large Scale Peptide Production via Microwave	Giorgio Marini CEM
14:20 – 14:40	Are All Resins in Fact the Same? Examining the Advances and Challenges in Peptide Purification and Solid Phase Peptide Synthesis	Alessandra Basso Purolite
14:40 – 15:00	Fmoc-Cys(Msbh) – A Sophisticated Building Block for Cysteine-Rich Peptides. A Journey from Discovery to Large Scale Production	Markus Weishaupt Iris Biotech
15:00 – 15:20	Cost Effective Peptide Purification via ZEOsphere DRP Mixed-Mode Chromatography	Victoria Custodis Zeochem
15:20 – 15:40	Rapid solution-phase synthetic approach AJIPHASE® for large scale manufacturing	Daisuke Takahashi Ajinomoto
15:40 – 16:20	COFFEE – POSTERS & EXHIBITION	
16:20 – 16:50	Overcoming Challenges to Effect Best Case Technology Transfer	Ewa Kowalska Ipsen Manufacturing
16:50 – 17:20	Cyclic Peptides with Therapeutic Activity	Fernando Albericio University of Barcelona
17:20 – 19:00	NETWORKING COCKTAIL RECEPTION – POSTERS & EXHIBITION	
20:00 – 22:30	NETWORKING DINNER @ La casa dei ciliegi (walking distance)	

DAY 2

DAY 2		
8:50 – 8:55	Welcome	Fernando Albericio Anna Maria Papini
8:55 – 9:40	Keynote Lecture Radiolabelled Peptides for Cancer Imaging and Therapy: Past-Present-Future	Melpomeni Fani University Hospital Basel
9:40 – 10:25	Keynote Lecture Halogenation controls structures and functions of supramolecular peptide assemblies	Pierangelo Metrangolo Politecnico of Milan
10:25 – 10:45	Challenges in Peptide & Oligonucleotide Formulation: An Integrated CDMO Perspective	Fabio Stevanon Umberto Romeo CordenPharma
10:45 – 11:00	Investigators Talks	Sara Pellegrino University of Milan
11:00 – 11:40	COFFEE – POSTERS & EXHIBITION	
Workshop on Delivery – Moderator: Anna Maria Papini		
11:40 – 12:10	Specific Glycosylation Techniques for Efficient Protein Therapeutics	Anna Maria Papini University of Florence
12:10 – 12:40	Drug Delivery Multimodal PSMA ligand for targeted photodynamic therapy of PSMA-expressing tumors	Dennis Lowik Radboud University Nijmegen
12:40 – 13:10	Appropriate Screening for ADME Properties and Pseudo-Allergic Reactions Is Key to Success in Peptide Drug Discovery: a Case Study	Elisabetta Bianchi IRBM
13:10 – 14:00	LUNCH – POSTERS & EXHIBITION	
14:00 – 14:45	Title to be announced	Speaker TBC
14:45 – 16:00	Panel and Q&A Round Table Academy and Industry	Fernando Albericio Anna Maria Papini Sara Pellegrino Silvana Cappelletti Thomas Vorherr
16:00 – 16:15	Final Discussion & Investigators Conclusion	Fernando Albericio Anna Maria Papini

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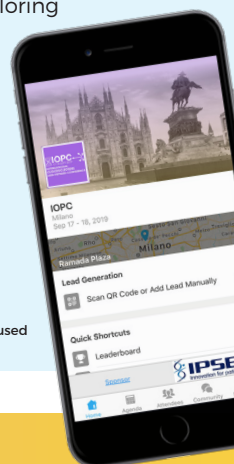
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