

1st Alpine Winter Conference on Medicinal and Synthetic Chemistry

Programme

Sunday January 28, 2018

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|-------|--|
| 17:00 | Opening Remarks |
| 17:15 | Title to be announced
Erick M. CARREIRA
(ETH ZÜRICH, Zürich, Switzerland) |
| 18:15 | Poster Session |
| 20:15 | End of Day 1 |

1st Alpine Winter Conference on Medicinal and Synthetic Chemistry

Programme

Monday January 29, 2018

Session 1: Advances in Synthetic Methods

Session Chair

Nuno MAULIDE
(UNIVERSITY OF VIENNA, Vienna, Austria)

08:30 Assembly Line Synthesis

Varinder K. AGGARWAL
(UNIVERSITY OF BRISTOL, Bristol, United Kingdom)

09:00 Photochemical Reactions en route to Structurally Complex Molecules

Thorsten BACH
(TECHNISCHE UNIVERSITÄT MÜNCHEN, Garching, Germany)

09:30 Coffee Break

10:00 Small Ring Chemistry

Ilan MAREK
(ISRAEL INSTITUTE OF TECHNOLOGY, Haifa, Israel)

10:30 Open Slot for an Oral Communication selected from submitted Abstracts

Session 2: Addressing Preclinical Toxicity – Approaches and Lessons Learned

Session Chair

Andy PEAT
(GLAXOSMITHKLINE, United States)

17:30 Mechanism-Based Toxicities Associated With NAMPT Inhibition and Related Mitigation Strategies

Peter DRAGOVICH
(GENENTECH INC., San Francisco, United States)

18:00 Utilizing in Depth Understanding of a Molecules Off Target Profile to Tailor Clinical and Preclinical Safety Assessments

Douglas THOMSON
(CELLZOME GMBH, Heidelberg, Germany)

18:30 Coffee Break

19:00 Overcoming Drug Bioactivation in Lead Optimization: Case Studies

Axel PÄHLER
(F. HOFFMANN-LA ROCHE, Basel, Switzerland)

19:30 Open Slot for an Oral Communication selected from submitted Abstracts

20:00 Panel Discussion

1st Alpine Winter Conference on Medicinal and Synthetic Chemistry

Programme

20:45 End of Day 2

1st Alpine Winter Conference on Medicinal and Synthetic Chemistry

Programme

Tuesday January 30, 2018

Session 3: Advances in Lead Generation

Session Chair

Doris RIETHER
(BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, Biberach an der Riss, Germany)

08:30 ADAS (Affinity Directed Automated Synthesis): A New Technology to Accelerate Lead Generation

Eva María MARTÍN
(ELI LILLY, Madrid, Spain)

09:00 A Chemist's Guide to Modern Phenotypic Drug Discovery

Monika ERMANN
(EVOTEC LTD, Oxfordshire, United Kingdom)

09:30 Coffee Break

10:00 Open Slot for an Oral Communication selected from submitted Abstracts

10:30 From Multiple Hit Series to (Pre)Clinical Candidates Using DNA Encoded Library Technology

Sanne SCHRØDER GLAD
(NUEVOLUTION A/S, Copenhagen, Denmark)

Session 4: Chemical Biology in Drug and Target Discovery

Session Chair

Matthew HAYWARD
(PFIZER, Groton, United States)

17:30 Biosensors for Measuring Metabolite and Drug Concentrations in Living Cells

Kai JOHNSON
(SWISS FEDERAL INSTITUTE OF TECHNOLOGY IN LAUSANNE (EPFL), Lausanne, Switzerland)

18:00 Open Slot for an Oral Communication selected from submitted Abstracts

18:30 Coffee Break

19:00 Activity-based proteomics – Protein and Ligand Discovery on a Global Scale

Benjamin CRAVATT
(THE SCRIPPS RESEARCH INSTITUTE, La Jolla, United States)

20:00 End of Day 3

1st Alpine Winter Conference on Medicinal and Synthetic Chemistry

Programme

Wednesday January 31, 2018

Session 5: Alternative Modalities

Session Chair

Philippe NANTERMET
(MERCK, SHARP & DOHME, West Point, United States)

08:30 Discovery Chemistry Modalities: Chemistry on the Macromolecular Scale

David TELLERS
(MERCK & CO. INC (MSD), West Point, United States)

09:00 New Modalities for Challenging Targets in Drug Discovery

Eric VALEUR
(ASTRAZENECA R&D GOTHENBURG, Mölndal, Sweden)

09:30 Coffee Break

10:00 Messenger RNA as A Novel Therapeutic Approach

Matthew STANTON
(MODERNA THERAPEUTICS, Cambridge, United States)

10:30 Open Slot for an Oral Communication selected from submitted Abstracts

Session 6: Late Stage Functionalization

Session Chair

Guido KOCH
(NOVARTIS PHARMA AG, Basel, Switzerland)

17:30 Title to be announced

Matthew GAUNT
(UNIVERSITY OF CAMBRIDGE, Cambridge, United Kingdom)

18:00 Title to be announced

Nicolai CRAMER
(ECOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE, Lausanne, Switzerland)

18:30 Coffee Break

19:00 Catalytic Approaches to Simplifying Synthesis

Darren J. DIXON
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

19:30 Open Slot for an Oral Communication selected from submitted Abstracts

20:00 End of the Scientific Programme on Day 4

1st Alpine Winter Conference on Medicinal and Synthetic Chemistry

Programme

21:00 Conference Dinner

23:00 End of Day 4

1st Alpine Winter Conference on Medicinal and Synthetic Chemistry

Programme

Thursday February 1, 2018

Session 7: Challenges and Opportunities in Fragment Based Drug Discovery

Session Chair

Alison WOOLFORD
(ASTEX PHARMACEUTICALS, Cambridge, United Kingdom)

08:30 Drug Discovery for Challenging Targets by X-ray Crystallographic Fragment Screening

Tom HEIGHTMAN
(ASTEX PHARMACEUTICALS, Cambridge, United Kingdom)

09:00 The Impact of Fragments on Drug Discovery

Rod HUBBARD
(UNIVERSITY OF YORK & VERNALIS, Cambridge, United Kingdom)

09:30 Coffee Break

10:00 Title to be announced

Mairi SIME
(BEATSON INSTITUTE FOR CANCER RESEARCH, Bearsden Glasgow , United Kingdom)

10:30 Open Slot for an Oral Communication selected from submitted Abstracts

Session 8: Drug Discovery Tales

Session Chair

Sarah SKERRATT
(VERTEX PHARMACEUTICALS, Oxon, United Kingdom)

17:30 Open Slot for an Oral Communication selected from submitted Abstracts

17:50 Open Slot for an Oral Communication selected from submitted Abstracts

18:10 Open Slot for an Oral Communication selected from submitted Abstracts

18:30 Coffee Break

19:00 Title to be announced

Anabella VILLALOBOS
(BIOGEN, Cambridge, United States)

19:45 Closing Remarks

20:00 End of Symposium