

1st Alpine Winter Conference on Medicinal and Synthetic Chemistry

Confirmed Speakers

Keynote Speakers

Title to be announced



Erick M. CARREIRA
(ETH ZÜRICH, Zürich, Switzerland)

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



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

Title to be announced

Anabella VILLALOBOS
(BIOGEN, Cambridge, United States)

Addressing Preclinical Toxicity – Approaches and Lessons Learned

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



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

Overcoming Drug Bioactivation in Lead Optimization: Case Studies



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

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



Douglas THOMSON
(CELLZOME GMBH, Heidelberg, Germany)

Advances in Lead Generation

A Chemist's Guide to Modern Phenotypic Drug Discovery



Monika ERMANN
(EVOTEC LTD, Oxfordshire, United Kingdom)

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



Eva María MARTÍN
(ELI LILLY, Madrid, Spain)

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

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

Advances in Synthetic Methods

Assembly Line Synthesis



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

Photochemical Reactions en route to Structurally Complex Molecules



Thorsten BACH
(TECHNISCHE UNIVERSITÄT MÜNCHEN, Garching, Germany)

Small Ring Chemistry



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

Alternative Modalities

Messenger RNA as A Novel Therapeutic Approach



Matthew STANTON
(MODERNA THERAPEUTICS, Cambridge, United States)

Discovery Chemistry Modalities: Chemistry on the Macromolecular Scale



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

New Modalities for Challenging Targets in Drug Discovery



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

Challenges and Opportunities in Fragment Based Drug Discovery

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



Tom HEIGHTMAN
(ASTEX PHARMACEUTICALS, Cambridge, United Kingdom)

The Impact of Fragments on Drug Discovery

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

Title to be announced



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

Chemical Biology in Drug and Target Discovery

Biosensors for Measuring Metabolite and Drug Concentrations in Living Cells



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

Late Stage Functionalization

Title to be announced



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

Catalytic Approaches to Simplifying Synthesis



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

Title to be announced

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