

Confirmed Speakers

Plenary Speakers

Derivatives of 1,3,5-triazine as a New Trend in the Search for the 5-HT₆ Receptor Ligands with Therapeutic Perspectives



Dr Jadwiga HANDZLIK
(MEDICAL COLLEGE OF JAGIELLONIAN UNIVERSITY, Krakow, Poland)

Systems Pharmacology Links GPCRs with Retinal Degenerative Disorders



Prof. Krzysztof PALCZEWSKI
(CASE WESTERN RESERVE UNIVERSITY, Cleveland, United States)

Title to be announced



Dr Nurulain ZAVERI
(ASTRAEA THERAPEUTICS, Mountain View, United States)

Invited Speakers

Remedying the Diseased Genome with Precision-tailored synthetic Gene Regulators (SynGRs)



Prof. Aseem ANSARI
(UNIVERSITY OF WISCONSIN-MADISON, Madison, United States)

Mining the Protein Kinase Cysteinome



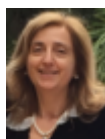
Dr Tjeerd BARF
(ACERTA PHARMA BV, Oss, The Netherlands)

Chemical Physiology of Antibody Conjugates and Natural Products "2018 MedChemComm Emerging Investigator Lectureship"



Dr Gonçalo BERNARDES
(INSTITUTO DE MEDICINA MOLECULAR, PORTUGAL & UNIVERSITY OF CAMBRIDGE, Cambridge, United Kingdom)

Charting New Paths in Multi-Target Drug Discovery for Alzheimer's Disease



Prof. Maria Laura BOLOGNESI
(UNIVERSITY OF BOLOGNA, Bologna, Italy)

Targeted Protein Degradation with Small Molecules: How PROTACs work



Prof. Alessio CIULLI
(UNIVERSITY OF DUNDEE, Dundee, United Kingdom)

Unnatural Amino Acids as a Tool for Better Understanding of Endoproteases Substrate Specificity

Confirmed Speakers



Prof. Marcin DRAG
(WROCLAV UNIVERSITY OF TECHNOLOGY, Wroclaw, Poland)

Exploring Bacterial Genomes for Natural Product Discovery and Development



Prof. Alessandra S. EUSTAQUIO
(UNIVERSITY OF ILLINOIS AT CHICAGO, Chicago, United States)

The Huge Potential of Natural Cannabinoids and Synthetic Cannabinoids in Neuroprotection



Prof. Rafael FRANCO
(UNIVERSITY OF BARCELONA, Barcelona, Spain)

MMP-9 at the Synapse in the Brain and Mind



Prof. Leszek KACZMAREK
(NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, Warsaw, Poland)

Design of Orexin-1 Receptor Selective Antagonists



Dr Uta LESSEL
(BOEHRINGER INGELHEIM, Biberach an der Riss, Germany)

Safety First: Covalent Inhibitors from a Safety Perspective



Dr Mickael MOGEMARK
(ASTRAZENECA, Mölndal, Sweden)

Protein-Ligand Interactions: How Medicinal Chemistry Contributes to the Understanding of Molecular Recognition



Dr Marc NAZARE
(FMP, Berlin, Germany)

The Ubiquitin Proteasome System



Prof. Huib OVAA
(LEIDEN UNIVERSITY MEDICAL CENTER, Leiden, The Netherlands)

Target Identification by TAILS N-Terminal Positional Proteomics Leads to Development of a Pharmacological Molecular Corrector for Mutant MALT1 Impaired NF- κ B Activation in Immunodeficiency



Prof. Christopher OVERALL
(UNIVERSITY OF BRITISH COLUMBIA, Vancouver, Canada)

Confirmed Speakers

Adventures in Functional Assignment and Inhibition of Metallo-Enzymes



Prof. Christopher J. SCHOFIELD
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

Next Generation GPR119 Agonists as Potential Treatment for Cardiometabolic Diseases



Dr Lothar SCHWINK
(SANOFI, Frankfurt Am Main, Germany)

Multiple Targeting - The Histamine H3 Receptor Pharmacophore as Central Element



Prof. Holger STARK
(HEINRICH HEINE UNIVERSITY DÜSSELDORF, Duesseldorf, Germany)

Cannabinoid Receptor Type 2 Modulation to Improve Outcomes for Cartilage Repair in the Osteoarthritic Joint



Prof. Katarzyna STAROWICZ-BUBAK
(INSTITUTE OF PHARMACOLOGY, POLISH ACADEMY OF SCIENCES, Krakow, Poland)

G Protein-Coupled Receptors: the Structural Basis for their Pharmacology



Dr Chris TATE
(MRC LABORATORY OF MOLECULAR BIOLOGY, Cambridge, United Kingdom)

Adventures in Targeting Protein Lipidation: Breaking Drug Resistance Using Fragment Deconstruction and Chemical Biology



Prof. Edward TATE
(IMPERIAL COLLEGE LONDON, London, United Kingdom)

AI-based Chemical Synthesis for Accelerating Drug Discovery



Prof. Mark WALLER
(SHANGHAI UNIVERSITY, Shanghai, China)

Applications of Artificial Intelligence in Drug Discovery – Separating Hype From Utility



Dr Pat WALTERS
(RELAY THERAPEUTICS, Cambridge, United States)

Augmented Intelligence for Compound Design

Confirmed Speakers



Dr Michal WARCHOL
(ARDIGEN, Krakow, Poland)