

## Confirmed Speakers

### Award & Prize Lectures

#### THE NAUTA PHARMACOCHEMISTRY AWARD FOR MEDICINAL CHEMISTRY AND CHEMICAL BIOLOGY Award Lecture



Prof. Ad P. IJZERMAN  
(LEIDEN UNIVERSITY, Leiden, The Netherlands)

#### THE UCB-EHRLICH AWARD FOR EXCELLENCE IN MEDICINAL CHEMISTRY Award Lecture



Dr Malin LEMURELL  
(ASTRAZENECA, Gothenburg, Sweden)

#### THE IUPAC-RICHTER PRIZE LECTURE Prize Lecture



Dr John E. MACOR  
(SANOFI, Waltham, United States)

#### THE PROUS INSTITUTE-OVERTON AND MEYER AWARD FOR NEW TECHNOLOGIES IN DRUG DISCOVERY Award Lecture



Prof. Gisbert SCHNEIDER  
(ETH ZÜRICH, Zürich, Switzerland)

#### THE KLAUS GROHE AWARD Award Lecture



Prof. Stephan A. SIEBER  
(TECHNICAL UNIVERSITY MUNICH, Garching, Germany)

### Plenary Lectures

#### Translational Chemistry



Prof. Phil BARAN  
(THE SCRIPPS RESEARCH INSTITUTE, La Jolla, United States)

#### Title of talk be announced



Dr Karin BRINER  
(NOVARTIS, Cambridge, United States)

#### Medicinal Chemistry: More than Ever

## Confirmed Speakers



Dr Jean-Paul CLOZEL  
(IDORSIA PHARMACEUTICALS LTD, Allschwil, Switzerland)

### Targeting Protein Scaffolding Function in Kinases



Prof. Stefan KNAPP  
(GOETHE UNIVERSITY FRANKFURT, Frankfurt am Main, Germany)

## Invited Speakers

### The Design, Synthesis and Optimization of $\alpha$ Antagonists as Potential Idiopathic Pulmonary Fibrosis Agents



Dr Niall ANDERSON  
(GLAXOSMITHKLINE, Hertfordshire, United Kingdom)

### Innovative DNA-based Asymmetric Catalysis



Dr Stelios ARSENIYADIS  
(QUEEN MARY UNIVERSITY OF LONDON, London, United Kingdom)

### Chemical Biology of Antibody Conjugates and Natural Products



Dr Goncalo BERNARDES  
(UNIVERSITY OF CAMBRIDGE, Cambridge, United Kingdom)

### Omics-Based Development of Nanomedicines for Safe and Effective Drug Delivery in Cancer



Prof. Erem BILENSOY  
(HACETTEPE UNIVERSITY, Ankara, Turkey)

### Drugging RNA Modifying Enzymes



Dr Wesley BLACKABY  
(STORM THERAPEUTICS, Cambridge, United Kingdom)

### Utilization of Fe<sup>2+</sup>-Ketoglutarate-Dependent Enzymes for C-H Functionalization



Prof. Rebecca BULLER  
(ZHAW SCHOOL OF LIFE SCIENCES AND FACILITY MANAGEMENT, Wädenswil, Switzerland)

### Recent Developments in Strategies and Tactics Towards Complex Secondary Metabolites



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

## Confirmed Speakers

### Title of talk to be confirmed



Dr Paola CASTALDI  
(ASTRAZENECA, Waltham, United States)

### New Examples for N-Hydroxyamidine Prodrugs



Prof. Bernd CLEMENT  
(UNIVERSITY OF KIEL, Kiel, Germany)

### Exploring Chemical Reactivity with an AI-Driven Chemputer



Prof. Leroy CRONIN  
(UNIVERSITY OF GLASGOW, Glasgow, United Kingdom)

### Inhaled New Modalities in Respiratory Disease: Past, Present, Future



Dr Werngard CZECHTIZKY  
(ASTRAZENECA, Mölndal, Sweden)

### Therapies for Gram-Negative Bacterial Infections: New Approaches and Further Generations of Existing Series



Dr Mike DAWSON  
(MIKE DAWSON ANTIMICROBIAL RESEARCH CONSULTANCY LTD., Stevenage, United Kingdom)

### A Chemical Approach to Controlling Cell Fate



Dr Sheng DING  
(UNIVERSITY OF CALIFORNIA SAN FRANCISCO, San Francisco, United States)

### Novel Molecular Targets for the Treatment of Fibrosis



Prof. Joerg DISTLER  
(UNIVERSITY OF ERLANGEN-NUREMBERG, Erlangen, Germany)

### The Discovery of a Novel Inhaled PI3Kd Inhibitor by Lung Retention Optimisation



Ms Montse ERRA SOLA  
(ALMIRALL, S.A., Barcelona, Spain)

### Understanding Immune Cell Interactions via Photocatalysis



Dr Niyi FADEYI  
(MERCK, Cambridge, United States)

## Confirmed Speakers

### Discovery and Disclosure of GLPG1205, a First in Class GPR84 Negative Allosteric Modulator in Phase II Clinical Trial



Dr Romain GOSMINI  
(GALAPAGOS, Romainville, France)

#### Title of talk to be confirmed



Dr Gerhard HESSLER  
(SANOFI-AVENTIS DEUTSCHLAND, Frankfurt am Main, Germany)

### Reprogramming Nonribosomal Biosynthesis



Prof. Donald HILVERT  
(ETH ZURICH, ZURICH, Switzerland)

### Lectins from Pathogens: From Structural Glycobiology to Antiadhesive Strategies



Dr Anne IMBERTY  
(CNRS/CERMAV, Grenoble, France)

### AI Assisted and Automated Chemical Synthesis



Prof. Klavs F. JENSEN  
(MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, United States)

### Discovery of a Novel Class of Small Molecule Dengue Virus Inhibitors



Dr Tim JONCKERS  
(JANSSEN, Beerse, Belgium)

### Discovery of M3258, a Potent, Selective and Orally Efficacious Amino-Boronic Acid Based LMP7 Inhibitor for the Treatment of Multiple Myeloma



Dr Markus KLEIN  
(MERCK KGAA, Darmstadt, Germany)

### Discovery of AZD4831: -a Mechanism-Based, Covalent Inhibitor of Myeloperoxidase



Dr John LIDDLE  
(ASTRAZENECA, Mölndal, Sweden)

#### Title of talk to be confirmed



Dr Muthiah MANOHARAN  
(ALNYLAM PHARMACEUTICALS, Cambridge, United States)

## Confirmed Speakers

### Tethered Peptide Macrocycles, a Novel Antibiotic Class Targeting *Acinetobacter Baumannii*



Dr Patrizio MATTEI  
(ROCHE INNOVATION CENTER BASEL, Basel, Switzerland)

### Neladenoson Bialanate Hydrochloride: A Prodrug of a Partial Adenosine A1 Receptor Agonist



Dr Daniel MEIBOM  
(BAYER PHARMA, Wuppertal, Germany)

### Discovery of Entrectinib: a Potent and Brain-Penetrant Inhibitor of TRKs, ROS1 and ALK Oncogenic Kinases



Dr Maria MENICHINCHERI  
(NERVIANO MEDICAL SCIENCES, Nerviano, Italy)

### Bioorganic Synthesis – Adventures at the Chemistry/Biology Interface



Prof. Marko D. MIHOVILOVIC  
(VIENNA UNIVERSITY OF TECHNOLOGY, Vienna, Austria)

### Allosteric Regulation of GTP Cyclohydrolase I



Dr Herbert NAR  
(BOEHRINGER INGELHEIM, Biberach, Germany)

### Antibody-Drug Conjugates (ADCs) and Small Molecule-Drug Conjugates (SMDCs): a Direct Comparison



Prof. Dario NERI  
(ETH ZÜRICH, Zürich, Switzerland)

### MAP4K4 Inhibitors for the Treatment of Myocardial Infarction



Dr Gary NEWTON  
(THE INSTITUTE OF CANCER RESEARCH, London, United Kingdom)

### Design, Synthesis, and Development of Lectin Ligand Mimetics



Prof. Ulf NILSSON  
(LUND UNIVERSITY, Lund, Sweden)

### Sensing Enzymatic Reactions with Quantum Dots



Dr Valle PALOMO  
(CENTRO DE INVESTIGACIONES BIOLÓGICAS-CSIC, Madrid, Spain)

## Confirmed Speakers

### Drugging mRNA with Drug-like Small Molecules



Dr Jennifer PETER  
(ARRAKIS THERAPEUTICS, Waltham, United States)

### Proteomes in 3D



Prof. Paola PICOTTI  
(ETH ZÜRICH, Zürich, Switzerland)

### C-type Lectin Receptors as Drug Targets



Dr Christoph RADEMACHER  
(MAX PLANCK INSTITUTE OF COLLOIDS AND INTERFACES, Potsdam, Germany)

### Targeting Cancer



Prof. Daniel RAUH  
(TU DORTMUND, Dortmund, Germany)

### Prodrug Strategies in Medicinal Chemistry



Prof. Jarkko RAUTIO  
(UNIVERSITY OF EASTERN FINLAND, Kuopio, Finland)

### The Role of Cryo-EM in Fragment-Based Drug Discovery



Dr Judith REEKS  
(ASTEX PHARMACEUTICALS, Cambridge, United Kingdom)

### Single-Molecule Imaging in Live Cells



Prof. Pablo RIVERA FUENTES  
(EPF LAUSANNE, Lausanne, Switzerland)

### Discovery of Small Molecules to Manipulate Cell Fate in vivo: Towards New Therapies for Degenerative Diseases



Prof. Angela RUSSELL  
(UNIVERSITY OF OXFORD, Oxford, United Kingdom)

### Discovery of Pecavaptan: A Novel Dual Acting Vasopressin V1a/V2 Receptor Antagonist for the Treatment of Congestive Heart Failure



Dr Carsten SCHMECK  
(BAYER, Wuppertal, Germany)

## Confirmed Speakers

### Augmenting Drug Hunters with Generative Chemistry Models



Dr Nadine SCHNEIDER  
(NOVARTIS, Basel, Switzerland)

### Photopharmacology: Towards Light-Controlled Therapy



Dr Wiktor SZYMANSKI  
(UNIVERSITY OF GRONINGEN, Groningen, The Netherlands)

### Chemical Probes to Study Lipid Signaling



Dr Mario VAN DER STELT  
(LEIDEN UNIVERSITY, Leiden, The Netherlands)

### Scaffold-Assisted Peptide Cyclizations: Towards Protein Mimics



Prof. Jan VAN MAARSEVEEN  
(UNIVERSITY OF AMSTERDAM, Amsterdam, The Netherlands)

### NLRP3 inflammasome inhibitors for Inflammatory and Neuroinflammatory Disease



Dr Alan WATT  
(NODTHERA, Little Chesterford, United Kingdom)

### Cryo-Electron Microscopy, a New Tool for Drug Discovery at Novartis



Dr Christian WIESMANN  
(NOVARTIS, Basel, Switzerland)

### Chemical Probes to Explore Cancer Biology and Validate Drug Targets



Prof. Paul WORKMAN  
(INSTITUTE OF CANCER RESEARCH, London, United Kingdom)

### Development of Fluorinated PET Tracers for Imaging of $\alpha_1$ Receptors in the Brain



Prof. Bernhard WÜNSCH  
(UNIVERSITY OF MÜNSTER, Münster, Germany)

### Drug R&D Targeting Cell Necrosis



Prof. Shengyong YANG  
(SICHUAN UNIVERSITY, Sichuan, China)

### Allosteric Modulator Discovery: from Method Development to Applications

## Confirmed Speakers

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Prof. Jian ZHANG  
(SHANGHAI JIAO TONG UNIVERSITY, Shanghai, China)