

## Confirmed Speakers

### Keynote Speaker

#### Integrative Structural Biology of GPCRs



Prof. Kurt WÜTHRICH  
(THE SCRIPPS RESEARCH INSTITUTE, USA & ETH ZURICH, Zurich, Switzerland)

### Session 1: Hot Topics

#### Title of talk to be confirmed



Dr Matthias FRECH  
(MERCK, Darmstadt, Germany)

### Session 2: X-ray Crystallography ? Cryo-EM Complementarity

#### Structural Studies of Chromatin Remodellers by Cryo-EM: Challenges and Opportunities for Drug Development



Prof. Karl-Peter HOPFNER  
(LUDWIG-MAXIMILIANS UNIVERSITY, München, Germany)

#### Combining Cryo-EM and X-ray for Structural Studies of Dynamic Macromolecular Complexes



Prof. Holger STARK  
(MAX PLANCK INSTITUTE FOR BIOPHYSICAL CHEMISTRY, Göttingen, Germany)

#### Cryo-EM, a Tool for Drug Discovery at Novartis



Dr Christian WIESMANN  
(NOVARTIS, Basel, Switzerland)

### Session 3: Chemical Biology Meets Biophysics for Drug Discovery

#### Biophysical and Structural Principles of PROTAC Mode of Action



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

#### Rational Design of Kinase Inhibitors Using Structure and Biophysical Data



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

#### Protein Degradation in Drug Discovery

## Confirmed Speakers



Ms Hannah LITHGOW  
(UNIVERSITY OF STRATHCLYDE & GSK, Glasgow, United Kingdom)

(BIOIBÉRICA)

### Session 4: MS-Based Methods

#### Progresses in Structural Mass Spectrometry for Drug Discovery and Therapeutic Protein Characterization



Dr Sarah CIANFERANI  
(UNIVERSITY OF STRASBOURG, Strasbourg, France)

#### Mass Spectrometric Characterization of Proteins for Use in Small Molecule Drug Screening



Dr Jörg HOERNSCHEMEYER  
(F. HOFFMANN-LA ROCHE, Basel, Switzerland)

#### Sugars in the Gas Phase – Novel Techniques to Unravel the Glycocode



Prof. Kevin PAGEL  
(FREIE UNIVERSITÄT BERLIN, Berlin, Germany)

### Session 5: Characterisation of Small Molecules Binding to RNA

#### Structural Basis for Gene-Specific RNA Splicing Correction Induced by a Small Molecule



Prof. Frédéric ALLAIN  
(ETH ZURICH, Zurich, Switzerland)

#### Hit Discovery for Riboswitch Ligands



Prof. Ruth BRENK  
(UNIVERSITY OF BERGEN, Bergen, Norway)

#### Ribosomal Translation and Human Diseases



Prof. Eric WESTHOF  
(INSTITUT DE BIOLOGIE MOLÉCULAIRE ET CELLULAIRE, Strasbourg, France)

### Session 6: Enabling Tools for Biophysical and Structural Studies

#### Gene-to-Structure Pipeline Enabling Structure-Based Drug Discovery on Membrane Protein Targets



Dr Nicolas BOCQUET  
(LEADXP AG, Villigen, Switzerland)

## Confirmed Speakers

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### **An Integrated Molecular-Scale Biophysics Approach to Drug Discovery: the Contribution of the ARBRE-MOBIEU European Network**



Dr Patrick ENGLAND  
(INSTITUT PASTEUR, Paris, France)

### **Tactics for Successful Enablement and/or Acceleration of Structural and Biophysical Studies**



Dr Stefan GESCHWINDNER  
(ASTRAZENECA, Mölndal, Sweden)

### **SPR-Based Approaches for Membrane Proteins Binding Assays**



Dr Sylwia HUBER  
(F. HOFFMANN-LA ROCHE, Basel, Switzerland)

### **The Confobody Technology**



Dr Christel MENET  
(CONFO THERAPEUTICS, Brussels, Belgium)