



Tentative Program

10th International Congress on

Structural Biology

October 18-19, 2018 | Helsinki, Finland



Hosting Organization: Conferenceseries llc LTD

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Hall

Opening Ceremony

Keynote Forum

Session Introduction

Title: Structural Insights in the Binding Mode of Neuropeptide Y at G Protein Coupled Receptors and Consequences for Drug Development

Annette G. Beck-Sickinger, Institute of Biochemistry, Faculty of Life Sciences, Leipzig University

Networking and Refreshments

Group Photo

Sessions: Structural Biology | 3 D Structure Prediction | Computational Approaches

Session Chair: TBA

Session Co-chair: TBA

Title: Characterization of two DELLA plant growth repressor proteins

Daniela Maria Barroso, University of Coimbra, Portugal

Title: Evaluation Of Pre-Analytical Process In Clinical Laboratories: Six Sigma Methodology

Dilek iren emekli, Department of Medical Biochemistry, Turkey

Title: Structure of two membrane proteins, BacA and bsPgpB, involved in the metabolism of Undecaprenyl-phosphate C55-P.

Meriem El ghachi, Liège University, Belgium

Title: Accounting of the influence of point mutations of BH3-peptide on the stability of the formed biological complex on the example of the Bcl-2 family proteins.

T.V. Koshlan, St. Petersburg Polytechnical University, Russia

Lunch Break

Sessions: Signalling Biology | Drug Designing | Sequencing

Title: Development of Novel Therapeutics that can target multiple receptors for treatment of Parkinson's Disease

Ozge Sensoy, Istanbul Medipol University, School Of Engineering And Natural Sciences, Istanbul-Turkey

Title: X-ray Free Electron Laser: Opportunities for drug discovery

Michael Hennig, leadXpro Ag, Park Innovaare, Ch-5234 Villigen, Switzerland

Title: Use of Molecular Interaction Fields to Understand Drug resistance in HIV 1 Protease caused by Single point Mutations

Daniela C. Vaz, University of Coimbra, Portugal

Title: Phenyl Caffeat: A Novel Anti-aging Drug

Priyanka Kumari, Delhi Technological University, Delhi, India

Sessions: Molecular Modelling & Dynamics | Complexity Arenas in Structural Biology | Structural Biology in Cancer

Title: Transition metal complexes/organometallic compounds as anticancer/anti HIV drugs or in pharmaceutical industry

Prakash Kinthada, JNTU University, India.

Title: Dynamics of knotted and entangled neurotoxic polypeptides

Marek Cieplak, Institute of Physics PAS, Poland

Title: Zinc deficiency-induce downregulation of Wnt/ β -catenin signaling pathway

Seetharam Deepa, University of Hyderabad, Hyderabad

4 Speaker Slots Available

Panel Discussion

Day 2 October 19, 2018

Keynote Forum

Keynote Speaker 1: To be announced...

Keynote Speaker 2: To be announced...

Networking and Refreshments

Sessions: Structural Biology in Complexity Arenas | Frontiers in Structural Biology | Recent Advances in Structural Biology

Session Chair: TBA

Session Co-chair: TBA

Title: Structural insights from aptamers with base modifications

Nebojsa Janjic, SomaLogic, Inc., USA

Title: Designer Biologics: BMP Chimeras and their clinical potential

Senyon Teddy Choe, Mogam Institute, Korea and University of California San Diego, USA

Title: Inter-domain communication through intrinsically disordered region (IDR) revealed through the ensemble structure analysis

Shin-ichi Tate, Hiroshima University, Japan

Title: Exploring conformational equilibria of a heterodimeric ABC transporter by electron paramagnetic resonance

Enrica Bordignon, Ruhr-Universität Bochum, Germany

Lunch Break

Sessions: Structural Molecular Biology | Structural Biology and Single Molecules | Structural Bioinformatics and Proteomics

Title: Structural and functional characterization of various forms of glycosylated heat labile toxin (LT) protein

Premkumar Dinadayala, France

Title: Identification of active sites interaction of different protein molecules in case of formation Nap1-Nap1, Mdm2-Mdm2 and P53-Mdm2.

T.V. Koshlan, St. Petersburg Polytechnical University, Russia

Title: Generation of long acting therapies using glycosylated linkers

Abdulrahman Alshehri, University of Sheffield, UK

Networking and Refreshments

Sessions: Structural Virology | Biomolecules

Title: Depression Follows Myocardial Infarction

Anil Kumar Batta, GGS Medical College/Baba Farid Univ. of Health Sciences, Punjab India.

4 Speaker Slots Available

