### 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 Irene 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 Innovaaare, 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
### Keynote Forum

**Day 2  October 19, 2018**

**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

<table>
<thead>
<tr>
<th>Session Chair: TBA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title:</strong> Structural insights from aptamers with base modifications</td>
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<td><strong>Nebojsa Janjic,</strong> SomaLogic, Inc., USA</td>
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<td><strong>Title:</strong> Designer Biologics: BMP Chimeras and their clinical potential</td>
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<td><strong>Senyon Teddy Choe,</strong> Mogam Institute, Korea and University of California San Diego, USA</td>
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| **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 glycated 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**