

**Emad Tajkhorshid**, University of Illinois at Urbana-Champaign, Subgroup Chair

**Permeation & Transport Subgroup 2016 Symposium**

**Saturday, February 27, 2016**

**Los Angeles, California**

**1:30 PM - 4:45 PM**

1:30 PM *Sudha Chakrapani*, Case Western Reserve University

*Mechanisms of Gating and Modulation in Pentameric Ligand Gated Channels*

2:00 PM *Bert de Groot*, Max Planck Institute, Germany

*The Molecular Dynamics of Ion Channel Permeation, Selectivity and Gating*

2:30 PM *Nieng Yan*, Tsinghua University, China

*Structural Interpretation of the Alternating Access Mechanisms of Glucose Transporters Gluts*

**3:00 PM Break**

3:15 PM *Sergey Bezrukov*, National Institutes of Health

*Smoluchowski Equation Approach in Channel-facilitated Transport Problems: Counter-intuitive Analytical Results and Supporting Experiments*

3:45 PM *Peter Hinterdorfer*, Johannes Kepler University Linz, Austria

*Nanopharmacological Force Sensing Reveals Two Ligand Binding Sites in Monoamine Transporters*

**4:15 PM Subgroup Business Meeting**