

**Heiko Heerklotz**, University of Toronto, Canada, Subgroup Chair

**Membrane Structure & Assembly Subgroup 2013 Symposium**

**Saturday, February 2, 2013**

**Philadelphia, Pennsylvania**

1:00 PM, Bill Wimley, Tulane University, Thompson Award Winner

*Discovering Highly Potent Pore-Forming Peptides Using Synthetic Molecular Evolution*

1:35 PM, Alan Grossfield, University of Rochester Medical Center

*Exploring the Mechanisms of Antimicrobial Lipopeptides with Molecular Simulation*

2:10 PM, Ole Mouritsen, University of Southern Denmark, Denmark

*Fatty Acids and Lysolipids Perturb Lipid Membranes: Implications for Drug Delivery*

2:45 PM, Break

3:10 PM, Erwin London, Stony Brook University

*Both Detergent Effects Upon Domain Size and Transmembrane Protein Length Effects Upon Domain Binding Suggest that Hydrophobic Mismatch can Control the Properties of Ordered Membrane Domains ("Rafts")*

3:45 PM, Sandro Keller, University of Kaiserslautern, Germany

*Functional Reconstitution of Membrane Proteins by Isothermal Titration Calorimetry*

4:20 PM, Klaus Gawrisch, National Institutes of Health

*Detergents for Extraction, Purification, and Reconstitution of G Protein-Coupled Membrane Receptors*

5:00 PM, Business Meeting