



TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER™

School of Medicine

Center for Membrane Protein Research
6th Annual Meeting

November 4-5, 2014

Tuesday, November 4, 2014

Room ACB110 1:30 - 3:45 p.m.

Welcome

Tedd Mitchell, MD • 1:30 - 1:45 p.m.

President, Texas Tech University Health Sciences Center

"Interactions of Drugs and Other Amphiphiles with Membranes: Implications for Membrane Protein Function and Drug Development"

Keynote Address by Olaf Andersen, MD • 1:45 - 2:45 p.m.

"Copper Entry into Human Cells: Mechanism & Regulation"

Keynote Address by Jack Kaplan, PhD, FRS • 2:45 - 3:45 p.m.

Poster Session

1st floor lobby of the ACB, 3:45 - 6:00 p.m.

Wednesday, November 5, 2014

Room 1C125A, 1:30 - 5:00 p.m.

Welcome

Steven Berk, MD • 1:30 - 1:45 p.m.

Executive Vice President and Provost
Dean, School of Medicine

"How the Structure Defines the Function of K⁺ Channels: A Crystallographic, Spectroscopic and Functional Perspective"

Luis Cuello, PhD • 1:45 - 2:25 p.m.

Assistant Professor, Department of Cell Physiology & Molecular Biophysics, TTUHSC

"Of Spaghettis and Pentamers: The Intracellular Domain of Cys-Loop Receptors"

Michaela Jansen, PhD • 2:25 - 3:05 p.m.

Assistant Professor, Department of Cell Physiology & Molecular Biophysics, TTUHSC

Break • 3:05 - 3:20 p.m.

"Alternation of Membrane Domains by Gramicidin"

Juyang Huang, PhD • 3:20 - 4:00 p.m.

Professor, Department of Physics, TTU

"Pumping Ions: Moving Parts to Move Ions in the Na/K Pump"

Pablo Artigas, PhD • 4:00 - 4:40 p.m.

Associate Professor, Department of Cell Physiology & Molecular Biophysics, TTUHSC