The Department of Neurology and The Grossman Institute for Neuroscience, Quantitative Biology and Human Behavior at The University of Chicago present

2016 Chicago Symposium on Translational Neuroscience

Ion Channels and Neurological Disease

William A. Catterall PhD
Professor & Chair, Department of Pharmacology
University of Washington

**Electrical Signaling at Atomic Resolution: From Structure to Therapy**

Jian Payandeh PhD
Genentech, Inc.

**Visualizing the Holy Grail of Sodium Channel Pharmacology: Nav1.7 and Beyond**

Louis J. Ptáček MD
Professor, Department of Neurology
University of California, San Francisco

**Clinical, Genetic, and Physiological Characterization of Episodic Neurological Disorders**

Miriam H. Meisler PhD
Myron Levine Distinguished University Professor
Professor of Human Genetics; Professor of Neurology
University of Michigan

**De Novo, Gain-of-Function Mutations of Sodium Channel SCN8A in Epileptic Encephalopathy**

Steve Cannon MD PhD
Professor and Chair, Department of Physiology
University of California, Los Angeles

**Mechanism-Based Therapeutics in Periodic Paralysis**

Jeffrey L. Noebels MD PhD
Professor, Neurology, Neuroscience, and Molecular & Human Genetics
Director, Blue Bird Circle Developmental Neurogenetics Laboratory
Baylor College of Medicine

**Mutant Ion Channels, Killer Waves, and Sudden Unexpected Death**

Knapp Center for Biomedical Discovery
1st Floor Auditorium (1103)
900 E. 57th St.
9:00am: On-site Registration
10:00am: Introductions

Friday, May 13, 2016

Steering Committee:

Christopher M. Gomez MD PhD
Afrina Y. Surjo Professor & Chair
Department of Neurology
The University of Chicago

Francisco Bazanilla PhD
Lillian Eichlerberger Cannon Professor
Dept. of Biochemistry & Molecular Biology
The University of Chicago

Alfred L. George MD
Chair, Department of Pharmacology
Director, Center for Pharmacogenomics
Magenstiel Professor of Pharmacology
Northwestern University