SEQ-ing the Truth: Leveraging Functional Genomics to Gain Insights into Mechanisms of Neurological Disease

Genetics Training Program / CMB Short Course
Winter 2017

Kenneth Kwan, Ph.D.
Molecular & Behavioral Neuroscience Institute and
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Introductory Lecture
Genetics, genomics, and modeling; studying neurological diseases in the age of NGS

Genevieve Konopka, Ph.D.
Department of Neuroscience
University of Texas Southwestern Medical Center

Cognitive genomics: linking genes to behavior

Andrew McCallion, Ph.D. McKusick-Nathans Institute of Genetic Medicine Johns Hopkins University School of Medicine

Exploring the cellular context of risk variants: neurological disorders, non-coding variation and cellular heterogeneity

Gary Bassell, Ph.D.
Department of Cell Biology
Emory University School of Medicine

Messenger RNA transport, local translation, and Fragile X syndrome

Hugo Bellen, D.V.M., Ph.D.
Departments of Molecular and Human Genetics & Neuroscience
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Flies as a diagnostic tool for human disease in the undiagnosed disease network

Public Lectures

For additional information, contact Karen Grahl at kgrahl@umich.edu.