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
Department of Human Genetics
University of Michigan Medical School

*Introductory Lecture:*
Genetics, genomics, and modeling; studying neurological diseases in the age of NGS

February 15 (Wed)
3:00 PM
North Lecture Hall
Medical Sciences II

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

Molecular networks of cognition

February 22 (Wed)
3:00 PM
North Lecture Hall
Medical Sciences II

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

March 8 (Wed)
3:00 PM
North Lecture Hall
Medical Sciences II

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

Messenger RNA transport, local translation, and Fragile X syndrome

March 28 (Tue)
3:00 PM
West Lecture Hall
Medical Sciences II

Hugo Bellen, D.V.M., Ph.D.
Departments of Molecular and Human Genetics & Neuroscience
Baylor College of Medicine

Flies as a diagnostic tool for human disease in the Undiagnosed Disease Network and for deciphering pathogenesis

April 11 (Tue)
3:00 PM
West Lecture Hall
Medical Sciences II

Public Lectures
For additional information, contact Karen Grahl at kgrahlp@umich.edu.