The Department of Neurology and The Grossman Institute for Neuroscience, Quantitative Biology and Human Behavior at UChicago Medicine present the 13th annual

The Translational Neuroscience of Autism

2020 Chicago Symposium on Translational Neuroscience

Progress in Rare Variant Genetics: Driving the Search for the Pathobiology of Autism Spectrum
Matthew State MD PhD
Oberndorf Family Distinguished Professor & Chair in Psychiatry
University of California, San Francisco

Synaptic Genes and Neurodevelopmental Disorders
Richard L. Huganir PhD
Bloomberg Distinguished Professor of Neuroscience and Psychological and Brain Sciences
The Johns Hopkins School of Medicine

New Genetic Insights into Autism Spectrum Disorders
Christopher A. Walsh MD PhD
Chief of the Division of Genetics and Genomics
Boston Children’s Hospital/HHMI

Mechanisms of Sensory Circuit Dysfunction in Mouse Autism Models: Implications for Biomarkers and Therapeutics
Kimberly Huber PhD
Professor, Department of Neuroscience
UT Southwestern

Tackling Genetic Complexity Using Systems Biology and Integrative Genomics in Autism Spectrum Disorder
Daniel Geschwind MD PhD
Gordon & Virginia MacDonald Distinguished Professor of Neurology, Psychiatry and Human Genetics
Senior Associate Dean and Associate Vice Chancellor for Precision Health
University of California, Los Angeles

Neurexin-1 (NRXN1) Mutations in Autism: Possible Pathogenetic Pathways
Thomas C. Südhof MD
The Eileen S. Trafimow Keynote Speaker
Avram Goldstein Professor in the School of Medicine
Stanford

Late-breaking news from Junior scientists:
The Role of Retrotransposition in Autism Spectrum Disorders
Rebeca Borges-Mono
PhD Student, Bioinformatics and Integrative Genomics Program
Harvard Medical School

Genotyped, Single-Cell Transcriptomics of Mosaic Neurological Disease
Edward Stronge
MD/PhD Student
Harvard Medical School

Using Frogs to Understand the Pathobiology of Autism
Helen Willsey PhD
Postdoctoral Scholar, Department of Psychiatry
University of California, San Francisco

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