

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-Monro

*PhD Student, Bioinformatics and Integrative Genomics Program
Harvard Medical School*

Genotyped, Single-Cell Transcriptomics of Mosaic Neurological Disease

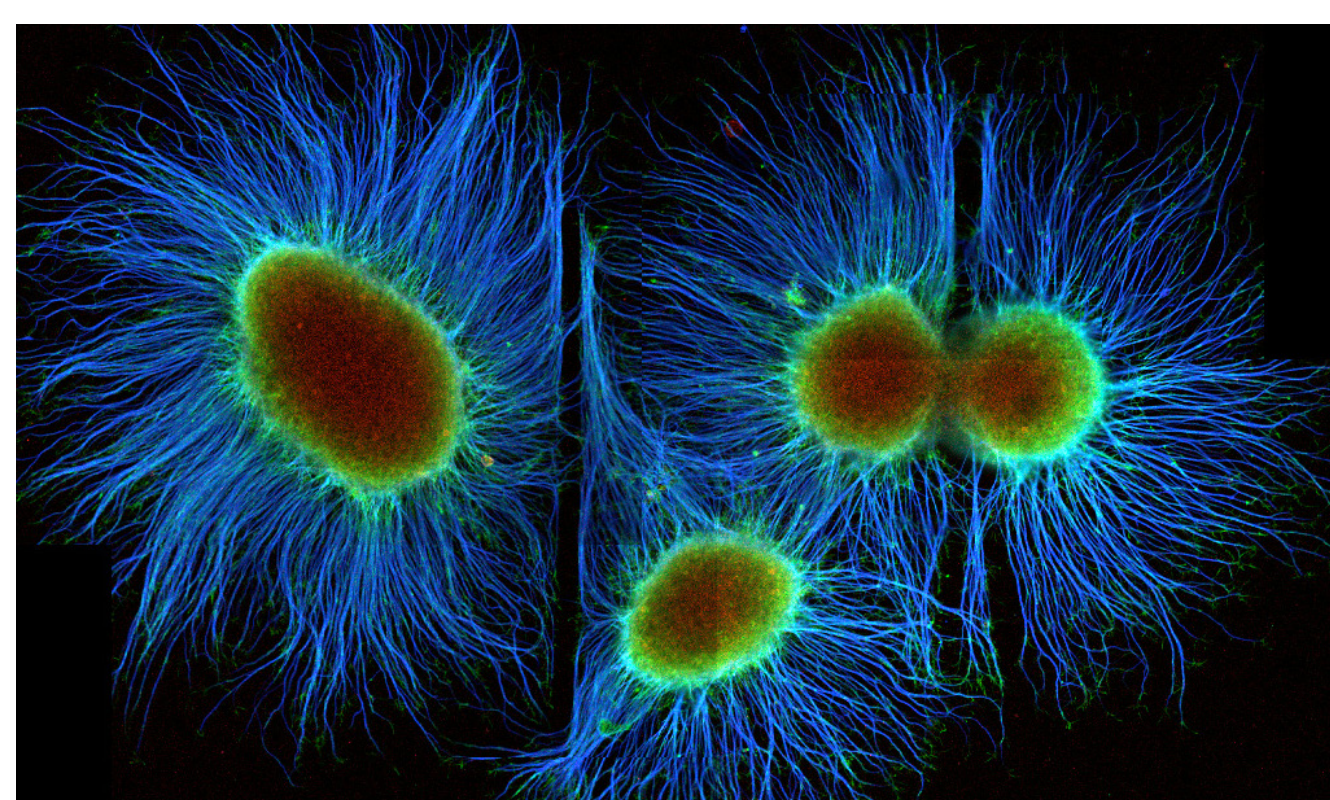
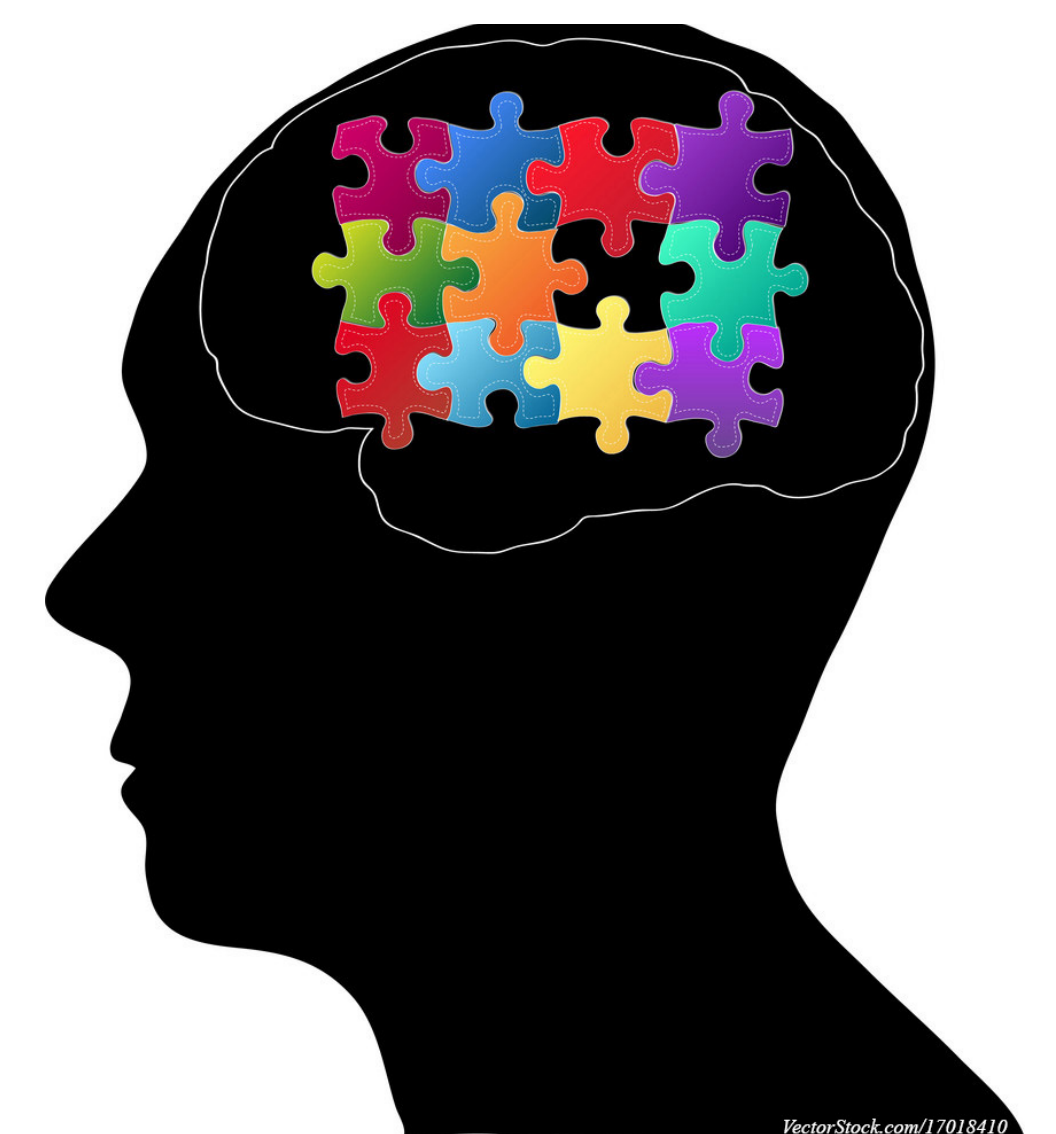
Edward Stronge

*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*



Steering Committee

Christopher M. Gomez MD PhD

*Albina Y. Surbis Professor
Department of Neurology
The University of Chicago*

Christian Hansel PhD

*Professor
Department of Neurobiology
The University of Chicago*

Edwin H. Cook Jr. MD

*Earl M Bane Professor of Psychiatry
Director, Program for Neurodevelopmental Disorders
Associate Head for Clinical Affairs
University of Illinois at Chicago, Department of Psychiatry*

Xiaochang Zhang PhD

*Assistant Professor, Department of Human Genetics
Member, the Grossman Institute for Neuroscience,
Quantitative Biology and Human Behavior
The University of Chicago*

Marla Scofield

*Symposium Administrator
The University of Chicago*