

# Neurobiology of Cortical Systems Symposium

Monday, October 23, 2017  
10:30am - 5:30pm

The Anlyan Center Auditorium (TAC N107)  
300 Cedar Street  
Yale School of Medicine



## Morning Session - Student Talks

10:30 – 10:50am

**Alexandra Gribizis – Crair Lab  
Yale University**

*Late Stage Spontaneous Activity and Its Role in Visual Circuit Development*

10:50 – 11:20am

**Melanie Brady – Vaccarino Lab  
Yale University**

*In Vitro Modeling of Human Cortico-Basal Ganglia Development using Human Induced Pluripotent Stem Cells*

11:20 – 11:40am

**Bart Massi – Lee Lab  
Yale University**

*Reward Strengthens the Representation of Task-relevant Information in the Prefrontal Cortex*

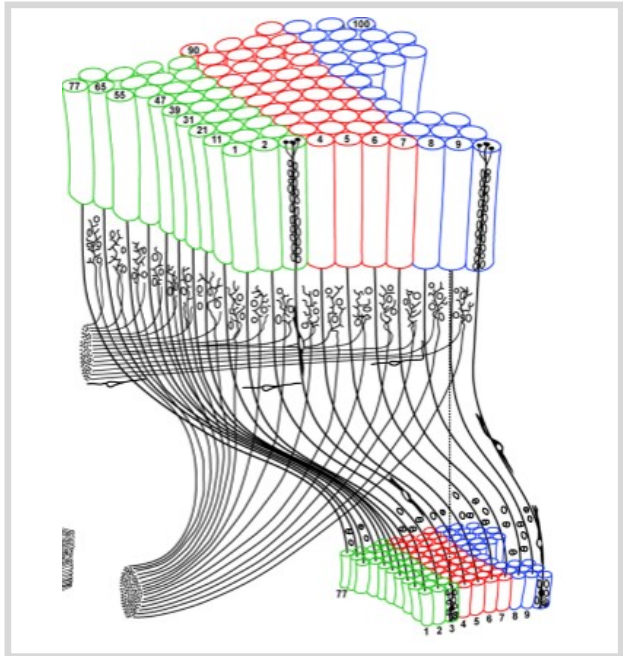
11:40am – 12:00pm

**Veronica Galvin – Arnsten Lab  
Yale University**

*Cholinergic Modulation of Working Memory: The Role of Muscarinic M1 Receptors & KCNQ Potassium Channels*

12:00 – 1:00pm

**Lunch Break**  
(On Own)



## Afternoon Session - Keynote Lectures

1:00 – 1:40pm

**Nenad Sestan, MD, PhD  
Yale University**

*Wired to be Human: Development and Evolution of Neural Circuits of the Cerebral Cortex*



1:40 – 2:20pm

**Songhai Shi, PhD  
Memorial Sloan Kettering  
Cancer Center**

*Lineage-dependent Microcircuit Assembly in the Neocortex*



2:20 – 3:00pm

**John Rubenstein MD, PhD  
University of CA, San Francisco**

*Transcriptional Regulation of Forebrain Development*



3:00 – 3:15pm

**Break**

3:15 – 3:55pm

**Jessica Cardin, PhD  
Yale University**

*GABAergic Control of Cortical Circuits*



3:55 – 4:30pm

**Matthew State, MD, PhD  
University of CA, San Francisco**

*Gene Discovery in Childhood Neurodevelopmental Disorders*



4:30 – 5:15pm

**Pasko Rakic, MD, PhD  
Yale University**

*Development and Evolution of Neocortex: Relevance to Neuropsychiatric Disorders*



5:15 pm

**Closing/Reception in TAC Lobby**  
Refreshments Provided