

Presentations by SFARI collaborators and SFARI staff at Neuroscience 2019

ORAL PRESENTATIONS				
Date	Time	Presenter	Presentation title	SFARI Investigators
October 19	1:15–1:30 p.m.	Timothy Hammond	Uncovering functional roles for unique microglia subpopulations in development and disease	Beth Stevens
	1:45–2:00 p.m.	Dmitry Velmeshev	Single-cell transcriptomic analysis of human cortical development throughout the prenatal and postnatal life	Arnold Kriegstein
	2:00–2:15 p.m.	Maddalena Caiati	Bcl-xL gene imprinting regulates neuron-specific microglia crosstalk and cortical plasticity	Catherine Dulac
October 20	8:30–8:45 a.m.	Nathaniel Stockham	Determining behavioral phenotypes under genetic influence in autism spectrum disorder	Dennis Wall
	9:00–9:15 a.m.	Wan-Rong Sandy Wong	Autism associated missense variants impact locomotion and neurodevelopment in <i>Caenorhabditis elegans</i>	Paul Sternberg
	9:30–9:45 a.m.	Claire-Marie Vacher	Preterm ASD risk linked to cerebellar white matter changes	Anna A. Penn
	9:45–10:00 a.m.	Karol Cichewicz	Maternal immune activation perturbs transcriptional co-expression networks during corticogenesis	Kimberley McAllister Alex Nord
	2:45–3:00 p.m.	Seungwon Choi	Genetic dissection of ascending spinal pathways for affective touch and pain	David Ginty

October 21	9:30–9:45 a.m.	Derek Tai	Deciphering the molecular basis of neuronal development deficits in the recurrent genomic disorder	James Gusella Michael Talkowski
	10:00–10:15 a.m.	Suzanne Dikker	The clinical relevance of studying the neurobiology of real-world dynamic social interactions	Rebecca Jones
	2:45–3:00 p.m.	Peter Finnie	Visual recognition memory as a translational biomarker of genetically defined autism spectrum disorders	Charles Nelson Mark Bear
	1:15–1:30 p.m.	Anubhuti Goel	Dissecting circuit dynamics underlying impaired perceptual learning in a mouse model of autism	Craig Erickson Carlos Portera-Cailliau
	1:30–1:45 p.m.	Peyman Golshani	Reduced prefrontal synaptic connectivity and disturbed oscillatory population dynamics in the <i>CNTNAP2</i> model of autism	Daniel Geschwind
	2:00–2:15 p.m.	Michael Sidorov	Impaired experience-dependent plasticity in anterior cingulate cortex in a mouse model of Angelman syndrome	Benjamin Philpot
October 22	9:00–9:15 a.m.	Michael Wells	Accelerated production of human stem-cell-derived neural progenitor cells for large-scale genetic screens and multiplexed transcriptomic analysis	Steven McCarroll Kevin Eggan
October 23	2:45–3:00 p.m.	Pietro Artoni	Deep learning detection of early cholinergic impairments by spontaneous arousal fluctuations in autism	Charles Nelson Michela Fagiolini
	2:45–3:00 p.m.	Tamar Kolodny	Accounting for test-retest reliability and power to design better GABA-edited magnetic resonance spectroscopy studies	Raphael Bernier Scott Murray

EVENTS/SOCIALS				
Date	Time	Organizer/Chair	Event/social title	SFARI staff
October 19	9:00–11:00 a.m.	Annette Gray	Preparing for your career away from the bench: Essential skills for navigating your career transition	John Spiro
October 20	6:30–8:00 p.m.	Ashfia Alam	Spectrum social	
	6:45–8:45 p.m.	Carol Mason	Conversations on Cajal social	
October 21	6:30–8:30 p.m.	John Spiro	SFARI Social	Marta Benedetti Brigitta Gundersen Louis Reichardt Julia Sommer Paul Wang

**If you have a presentation that is not included in this list, please email sfariannouncements@simonsfoundation.org