

Name	Title	Time	Poster number
Brian Lee	Postnatal developmental regulation of the morphoelectric properties of Human cortical neurons	Oct. 5, 2024, 1:00 PM - 5:00 PM	PSTR002.25.
Jeremy Miller	Annotation Comparison Explorer (ACE): connecting brain cell types across studies of health and Alzheimer's Disease	Oct. 5, 2024, 1:00 PM - 5:00 PM	PSTR012.13
Matthew Schmitz	Evolution of Cell Types in the Mammalian Primary Visual Cortex	Oct. 5, 2024, 1:00 PM - 5:00 PM	PSTR024.16
Rachel Dalley	Morphoelectric Properties of Human Excitatory Transcriptomic Types	Oct. 5, 2024, 1:00 PM - 5:00 PM	PSTR002.27
Sarah Walling-Bell	An edit-distance based metric represents neuronal morphologies and predicts their molecular identities	Oct. 5, 2024, 1:00 PM - 5:00 PM	PSTR024.02
Scott Sawchuk	Patch-seq reveals cell type and regional differences in subthreshold oscillations and spiking regularity in the primate neocortex	Oct. 5, 2024, 1:00 PM - 5:00 PM	PSTR002.26
SARA VARGAS	Brain-wide Survey of Mouse Transcriptomic Cell Types Activated by Acute Psilocybin Injection	Oct. 5, 2024, 1:00 PM - 5:00 PM	PSTR041.13
Kenta Hagihara	History-dependency in reinforcement learning tasks shapes dopamine dynamics on multiple timescales	Oct. 6, 2024, 1:00 PM - 5:00 PM	PSTR134.07
Mara Rue	High throughput corticothalamic projection mapping at single-cell resolution	Oct. 6, 2024, 1:00 PM - 5:00 PM	PSTR308.06
Michael Xie	Measurement of input-output signals in vivo using high-speed two-photon microscopy	Oct. 6, 2024, 1:00 PM - 5:00 PM	PSTR103.10
Mike Huang	Multi-level partitioning and reconstruction for building an atlas of the primate brain	Oct. 6, 2024, 1:00 PM - 5:00 PM	PSTR256.12
Shannon Khem	Mapping neural connectivity at a single cell level using barcoded rabies virus and in situ sequencing	Oct. 6, 2024, 1:00 PM - 5:00 PM	PSTR143.03
Tiffany Ona Jodar	A novel olfactory patch foraging task to study decision making in head-fixed mice	Oct. 6, 2024, 1:00 PM - 5:00 PM	PSTR134.06.
Ethan McBride	Brain-wide map of activity during sensory task switching	Oct. 6, 2024, 8:00 AM - 12:00 PM	PSTR088.18
Jimena Garcia	Fostering inclusive research environments in the NIH BICAN consortium	Oct. 6, 2024, 8:00 AM - 12:00 PM	TJP09.03SU
Kevin Takasaki	An imaging pipeline for mapping dense axonal projections over large mammalian brains	Oct. 6, 2024, 8:00 AM - 12:00 PM	PSTR096.07
Rachel Hostetler	Scientific and Public Outreach of Allen Institute Cell Type Taxonomy Tools	Oct. 6, 2024, 8:00 AM - 12:00 PM	TJP07.02SU
Ruiyang Liu	Multomic Profiling of Cellular Responses to HIV Infection and Cocaine Use in the Mouse Brain	Oct. 6, 2024, 8:00 AM - 12:00 PM	PSTR086.17
Shawn Olsen	Behavioral evidence for context belief states during task switching in mice	Oct. 6, 2024, 8:00 AM - 12:00 PM	PSTR088.23
Shenqin Yao	Input-output organization of the corticothalamic circuit and its molecular underpinnings	Oct. 6, 2024, 8:00 AM - 12:00 PM	PSTR096.06
Zack Lewis	Deciphering the role of the celiac-mesenteric ganglia in immune response	Oct. 7, 2024, 1:00 PM - 5:00 PM	PSTR233.01
Jeanelle Ariza	Technical Considerations for the Effective Analysis of Fresh Frozen, Postnatal Mouse Brain Samples in Spatial Transcriptomics	Oct. 7, 2024, 3:00 PM - 4:00 PM	PSTR254.08
Remi Mathieu	Charting the Developing Mouse Brain: Towards a Comprehensive Spatial Transcriptomic Atlas	Oct. 7, 2024, 3:00 PM - 4:00 PM	PSTR254.16
Brooke Wynalda	Comparing Transgenic Tools for Cell Type Specific Targeting in the Mouse Brain	Oct. 7, 2024, 8:00 AM - 12:00 PM	PSTR195.12
Bryan MacLennan	A platform for benchmarking genetically encoded neuromodulator indicators in vivo	Oct. 7, 2024, 8:00 AM - 12:00 PM	PSTR196.08
Matt Mallory	Exploring the morphological diversity of mouse basal ganglia in a multiple modality context	Oct. 7, 2024, 8:00 AM - 12:00 PM	PSTR173.17
Rusty Mann	Subthreshold membrane potential oscillations in the mouse, non-human primate, and human across brain regions	Oct. 7, 2024, 8:00 AM - 12:00 PM	PSTR150.14
Yoav Ben-Simon	A suite of enhancer AAV vectors targeting diverse cortical populations	Oct. 7, 2024, 8:00 AM - 12:00 PM	PSTR195.11.
Yun Wang	Refining Cortical-Cortical and Cortical-Subcortical Connectomes of the Cortex: Insights from Molecularly-Morphologically Defined Single Full I	Oct. 7, 2024, 8:00 AM - 12:00 PM	PSTR151.16.
Tim Jarsky	Subthreshold membrane potential oscillations in the mouse, non-human primate, and human	Oct. 7, 2024, 8:00 AM - 12:00 PM	PSTR150.14.
Smriti Sunil	Hyperspectral fiber photometry for multiplexed neural signal imaging	Oct. 8, 2024, 1:00 PM - 5:00 PM	LBA009.027
Agata Budzillo	Multimodal characterization of spatial variation in neuronal types in the mouse basal ganglia	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR308.02.
Alessio Buccino	An open-source, standardized, efficient, and cloud-based analysis pipeline for spike sorting of large-scale electrophysiology data	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR316.08.
Alex Cahoon	Tools for mouse behavior and neurophysiology at the Allen Institute for Neural Dynamics	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR310.04.
Bethanny Danskin	A mouse connectome for the community	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR283.08.
Bruno Cruz	Harp: A standard for self-synchronizing and event-driven hardware for neuroscience research	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR310.09.
Inkar Kapen	Probabilistic inference of anatomical region underlying whole brain tiling	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR308.10
Jessie Puckett	Transcriptomic and epigenetic profiling of 14 mammals provides insight on the evolution of the entorhinal cortex	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR308.08
Madeleine Hewitt	Mapping the Primate Basal Ganglia using Spatial Transcriptomics	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR308.06
Michael Kunst	A spatial transcriptomics atlas of the adult mouse brain	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR309.09
Morgan Wirthlin	Transcriptomic Innovations in the Evolution of Mammalian Motor Cortex	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR308.01
Nelson Johansen	Cross-species and multi-modal atlas of the basal ganglia	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR308.03
Saskia de Vries	The AIND metadata schema for describing systems neuroscience experiments	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR316.12.
Sonya Vasquez	Lickety-split: a high-speed, noninvasive, capacitive lick detection system for behavior and electrophysiology	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR310.08
Stephanie Seeman	Spatial transcriptomics of macaque brain and relationship to anatomical and functional organization	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR308.09

Xiao-Ping Liu	Morpho-electric properties of transcriptomically-defined neuronal types in the primate basal ganglia	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR308.04.
Yuanyuan Fu	Comprehensive Cell Type Taxonomy of the Human Basal Ganglia via Single-nucleus Multi-omics Sequencing	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR308.07
David Feng	An open science data platform at the Allen Institute for Neural Dynamics	Oct. 8, 2024, 8:00 AM - 12:00 PM	PSTR316.11
Camilo Laiton	Microscopy to Knowledge: An Automated Cloud Processing Pipeline for Mesoscale Neuroanatomy	Oct. 9, 2024, 1:00 PM - 5:00 PM	PSTR493.20
Marton Rozsa	Studying the role of cortical circuit plasticity during learning	Oct. 9, 2024, 1:00 PM - 5:00 PM	PSTR465.04
Patrick Ray	BICAN Metadata, Modeling, and Ontology Development and Management	Oct. 9, 2024, 1:00 PM - 5:00 PM	PSTR493.16
Scott Daniel	Enhancing querying, integration, and exploration of brain cell types through combining knowledge graphs and GenAI	Oct. 9, 2024, 1:00 PM - 5:00 PM	PSTR493.15
Sharmishta Seshamani	Processing Challenging Large Scale Lightsheet Datasets for Whole Brain Axon Imaging and MFISH	Oct. 9, 2024, 1:00 PM - 5:00 PM	PSTR493.18
Emily Kussick	Enhancer AAV toolkit targeting descending motor pathways in rodent and macaque	Oct. 9, 2024, 8:00 AM - 12:00 PM	PSTR409.04
Hannah Schryver	Bridging function and transcriptomics: Mapping cell types in the mouse visual cortex	Oct. 9, 2024, 8:00 AM - 12:00 PM	PSTR428.19
Ian Convy	Multimodal integration of transcriptomic, electrophysiological, and morphological neuronal data using coupled variational autoencoders	Oct. 9, 2024, 8:00 AM - 12:00 PM	PSTR315.06