

PDA summer seminar series 2024

Thursday noon-1pm

Carson Auditorium

Lunch 1-2pm

Host: **Tom Sakmar**

UnJin Lee, Zhao lab

“Comparative Single Cell Analysis of Transcriptional Bursting Reveals the Role of Genome Organization on *de novo* Transcript Origination”

July 11

Yiming Niu, Funabiki lab

“Structural Insights into Context-dependent Phosphorylation by Aurora Kinases”

Host: **Hironori Funabiki**

Olya Yarychkivska, Shaham lab

“Single cell Transcriptomics of a Dying Cell in *C. elegans*”

July 18

Sicong Zhang, Roeder lab

“Targeting Transcriptional Co-factors in ER+ Breast Cancer”

Host: **Daniel Mucida**

Matt Biegler, Jarvis lab

“Generating Tools for Biobanking and Genetic Rescue in Birds”

July 25

Alon Millet, Tavazoie lab

“An Exhausted-Like Microglial Population Accumulates in Aged and APOE4 Genotype Alzheimer’s Brains”

Co-hosts: **Paul Cohen & Leslie Vosshall**

Bianca Cotto, Heintz lab

“Harnessing the Power of Cell-specific Mitochondrial Profiling for Insights into ALS”

Aug 1

Leah Hour-Ze'evi, Vosshall lab

“Mosquito Sex under Double-lock and Key”

Co-hosts: **Titia de Lange & Tim Stearns**

Tim Kenny, Birsoy lab

“Exploration of Organismal Metabolism through the Genetic Manipulation of Choline Transport”

Aug 8

Rico (Zeran) Lin, Cohen lab

“Charting the Road of Becoming a Beige Adipocyte”

Host: **Agata Smogorzewska**

Veena Padmanaban, Tavazoie lab

“From Nerves to Nodules: How Sensory Nerves Fuel Breast Cancer”

Aug 15

Charles Xu, Fuchs lab

“Touch Barriers: the Interaction between Hair Follicle Stem Cells and Peripheral Sensory Neurons”

Host: **Priya Rajasethupathy**

Begüm Aydin, Mucida lab

“Microbiota-induced Cellular Plasticity in the Enteric Nervous System”

Aug 22

Benjamin Fait, Heintz lab

“A Class of Spontaneously Regenerative Murine Corticospinal Neurons”

Host: **Seth Darst**

Pyonghwa Kim, Young lab

“Unraveling Circadian Dynamics in *Drosophila* through Single-cell Transcriptomics”

Aug 29

James Lee, Bargmann lab

“An Unusual, Protective Behavior in the Arsenic-resistant Nematode *Tokorhabditis tufae*”