

# PDA Summer Seminar Series 2026

Friday, 3:30-4:30pm  
Carson Auditorium

Happy Hour, 4:30-5:30 PM  
Faculty Club

**Jul 10**

Host:  
**Seth Darst**

**Jianfend Sun**, Roeder lab

“Molecular mechanisms of the MLL4 complex in H3K4 methylation and p53-dependent transcription activation”

**Yukti Dhingra**, Darst lab

“RNA polymerase inhibitors reveal active-site motions essential for the nucleotide addition cycle”

**Jul 17**

Host:  
**Shixin Liu**

**Katherine Anderson**, Jarvis lab

“Evolutionary mechanisms for context-informed behavior”

**Alon Millet**, Tavazoie lab

“APOE4 drives neutrophil immunometabolic failure via modulation of a copper-glutathione axis”

**Jul 24**

Host:  
**Li Zhao**

**Albana Kodra**, Mucida lab

“Intrinsic enteric neurons as regulators of type 2 immunity during food allergy”

**Joshua Chandanani**, Darst lab

“Structural basis of the supercoiling-sensitive transcription termination factor T4 Alc”

**Jul 31**

Host:  
**Paul Cohen**

**Paige Arnold**, Marraffini lab

“Type III CRISPR-Cas system activation stimulates the pyrimidine nucleotide biosynthesis pathway”

**Tomoki Suzuki**, Freiwald lab

“Dissecting the hierarchy of the macaque face-processing system”

**Aug 7**

Host:  
**Tom Sakmar**

**Anindita Brahma**, Kronauer lab

“TBD”

**Daniele Neri**, Cohen lab

“Mapping the sympathetic innervation of thermogenic beige adipocytes”

**Aug 14**

Host:  
**Hiro Funabiki**

**Jialong Jiang**, Fellow

“Decoding regulatory network models of cell state transitions from single-cell mRNA profiling”

**Brigid Maloney**, Jarvis lab

“Exploring genetic specializations for vocal learning in the mammalian motor cortex”

**Aug 21**

Host:  
**Tim Stearns**

**Raquelle Yu**, Cohen lab

“Reading the room: dendritic cell adaptation in white adipose tissue”

**Juliana Rhee**, Ruta lab

“Evolutionary variations in adaptive pursuit”

**Aug 28**

Host:  
**TBD**

**Hsuan-An (Sean) Chen**, Rice lab

“Leveraging the NrHV model to investigate liver environment remodeling following chronic hepatic viral cure”

**Michael Fernando**, Darnell lab

“Characterizing nascent RNA-protein interactions by NasCLIP”