

Chen Institute Workshop IV

Saturday, June 1, 2019 - Beckman Institute Auditorium

Genomic Neuroscience

9:15 to 10:00 am

REGISTRATION & LIGHT BREAKFAST

Time

Speaker

Topic

10:00 to 10:05 am

Lior Pachter

Opening Remarks

10:05 to 10:25am

Long Cai

"Spatial genomics by RNA seqFISH+"

10:25 to 10:45 am

Matt Thomson

"Dissecting heterogenous cell populations with single-cell data and probabilistic models"

10:45 to 11:05 am

David Van Valen

"Deep learning for spatial genomics"

11:05 to 11:45 am

COFFEE BREAK

11:45 am to 12:05 pm

David Anderson

"Cell types, connections and behavior in a hypothalamic nucleus controlling aggression"

12:05 to 12:25 pm

Sheila Kitchen (Parker Lab)

"Developing genomic resources for an emerging model of social and symbiotic evolution"

12:25 to 12:45 pm

Jase Gehring (Pachter Lab)

"Deep Single-Cell Sequencing of the Developing Zebrafish Enteric Nervous System"

12:45 to 2:00 pm

LUNCH

2:00 to 2:20 pm

Yuki Oka

"Dissection of genetically and anatomically defined neural circuits for appetite regulation"

2:20 to 2:40 pm

Sofia Quinodoz (Guttman Lab)

"Higher-order inter-chromosomal hubs shape three-dimensional genome organization in the nucleus"

2:40 to 3:00 pm

Paul Sternberg

"ASD-associated missense variants edited into the *C. elegans* genome"

3:00 to 3:05 pm

Lior Pachter

Closing Remarks

Thank you for participating!