

Genetics and Genomics (G2) Seminar Series

Genetics Graduate Student Association (GGSA)

The Interdisciplinary Faculty of Genetics and Genomics



TEXAS A&M UNIVERSITY
Interdisciplinary Graduate Program
in Genetics and Genomics

Deciphering Gene Regulation and Detecting Circadian Rhythmicity using Single-Cell Multiomics

Dr. Yuchao Jiang

Departments of Statistics and Biology

Texas A&M University

Dr. Yuchao Jiang is an Associate Professor of Statistics and Biology at Texas A&M University. He earned his B.S. degree from Cornell University and completed his Ph.D. at the University of Pennsylvania.



Abstract: Recent advances in joint profiling of RNA transcription and DNA chromatin accessibility with single-cell resolution offer unprecedented opportunities to unravel complex cellular heterogeneity across modalities. In this presentation, I will discuss our past and ongoing efforts on deciphering gene regulatory logic and detecting circadian rhythmicity using single-cell RNA + ATAC multiomics data.

Monday, February 5th, 2024

4:00 p.m.

Auditorium/Room 108

BCBP Building

Refreshments at 3:30 p.m. in the lobby.

Host: GGSA



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For more information, please contact us at genesec@tamu.edu