

# Institute for Quantitative Biomedicine (IQB)

# SEMINAR PROGRAM

FALL 2025

**Wednesdays, 12:00 PM**

**In Person:**

**Proteomics Building, Room 120**

**Zoom:**

**[go.rutgers.edu/gvyyc2xu](https://go.rutgers.edu/gvyyc2xu)**



**October 8**

**Jerelle Joseph**

Princeton University

*Computational Approaches for Understanding and Engineering Biomolecular Condensates*



**October 15**

**Keith Mickolajczyk**

Rutgers Robert Wood Johnson Medical School

*Single-molecule Biophysical Approaches to Studying the Mechanisms of Motor Proteins*



**October 22**

**Jiekun (Jackie) Yang**

Rutgers University

*Decoding Dendritic Cell in Cancer: Integrating single-cell multiomics, spatial transcriptomics, and AI-driven models*



**October 29**

**Anandi Krishnan**

Rutgers Robert Wood Johnson Medical School

*The Versatile Platelet: A bridge to translational medicine*



**November 12**

**Matt Lang**

Vanderbilt University

*Single-molecule Studies of Cellulose Biosynthesis and Degradation Machinery*



**November 19**

**Josefina del Mármol**

Harvard Medical School

*Structural Mechanisms of Odor Sensing in Insects*



**December 10**

**Adrian Ferre-D'Amare**

National Institutes of Health

*DNA Doing what you Expect RNA to Do: From aptamers to stress granules*



More information:  
**[iqb.rutgers.edu/seminars](https://iqb.rutgers.edu/seminars)**



**RUTGERS UNIVERSITY**  
**Institute for**  
**Quantitative Biomedicine**

In collaboration with the Rutgers Artificial  
Intelligence and Data Science (RAD) Collaboratory

**[iqb.rutgers.edu](https://iqb.rutgers.edu)**

**RCSB PDB**  
PROTEIN DATA BANK

**[rcsb.org](https://rcsb.org)**

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