



# Institute for Quantitative Biomedicine (IQB)

# SEMINAR PROGRAM

**FALL 2020**

Last Updated: 09/10/20

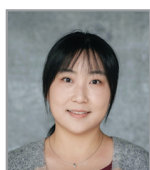
**Time: Wednesdays, 12:00 PM • Zoom link: [bit.ly/2FfXRP4](https://bit.ly/2FfXRP4)**



**September 30, 2020**

**Tatyana Polenova**  
University of Delaware

*Structure and Dynamics of HIV-1 Protein Assemblies by Integrated MAS NMR Spectroscopy, DNP, MD Simulations, and Density Functional Theory*



**October 14**

**Fei Zhang**  
Rutgers University

*Information-Directed Self-Assembly of Nucleic Acid Nanostructures and Devices*



**October 21**

**Renata Pasqualini**  
Rutgers University

*Ligand-directed Targeting and Molecular Imaging: Bioengineering Applications*



**October 28, 2020**

**Carolyn Stein & Ryan Hill**  
Massachusetts Institute of Technology

*Scooped! Estimating Rewards for Priority in Science*



**November 11**

**Haoda Fu**  
Eli Lilly and Company,  
Lilly Research Laboratories

*Multiple Treatment Personalized Medicine Through Direct Learning*



**November 18, 2020**

**Stephen Burley and Sagar Khare**  
Rutgers University

*Evolution of the SARS-CoV-2 Proteome in 3D During the First Six Months of the COVID-19 Pandemic*



**December 9**

**James Shorter**  
University of Pennsylvania

*Combating Deleterious Phases in ALS/FTD*



**December 16**

**Greg Pintilie**  
Stanford University

*Measuring Resolvability of Atomic Features in Cryo-EM Maps with Q-scores*

**RUTGERS**



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Biomedicine (IQB)



RCSB Protein Data Bank  
(RCSB PDB)

Rutgers, The State University of New Jersey  
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More information:  
[iqb.rutgers.edu/seminars](https://iqb.rutgers.edu/seminars)

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