



# Institute for Quantitative Biomedicine (IQB)

# SEMINAR PROGRAM

**FALL 2019**

**Wednesdays, 12:00 PM**  
**Proteomics Building, Room 120**

Series Chair: Stephen K. Burley

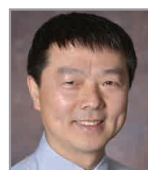


September 25

**Darrin York**

Rutgers University

*Catalytic Strategies of RNA Enzymes*



November 13

**Li Cai**

Rutgers University

*Gene Therapy for Spinal Cord Injury  
Using Neurogenic Transcription actors*



October 16

**Vasileios Petrou**

Rutgers University -  
New Jersey Medical School

*Structure and Function of Bacterial  
Membrane Glycosyltransferases*



November 20

**Petra Fromme**

Arizona State University

*Time-resolved Femtosecond  
Crystallography Studies of  
Biomolecules with X-ray Free Electron*



October 23

**Fred Ledley**

Bentley University

*Accelerating the Translation of  
Scientific Discoveries for Public Value*



December 11

**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*

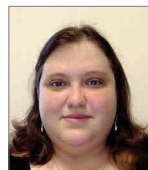


October 30

**Arek Kulczyk**

Rutgers University

*Cryo-EM studies of the Replisome  
Structure and Dynamics*



December 18

**Alexandra Deaconescu**

Brown University

*Structure-Informed Studies of  
Bacterial Responses to DNA Damage*

Last Updated: 09/20/19

**RUTGERS**



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RCSB Protein Data Bank  
(RCSB PDB)

Rutgers, The State University of New Jersey  
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