



# Institute for Quantitative Biomedicine (IQB)

# SEMINAR PROGRAM

**SPRING 2020**

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

Series Chair: Stephen K. Burley



**January 29**

**Marcos Pires**

University of Virginia

*Synthetic Immunotherapeutics  
Against Bacterial Pathogens*



**February 12**

**Lu Bai**

Penn State University

*Genome-wide Study of Pioneer  
Factors in Budding Yeast*



**February 19**

**Stephen Burley**

Rutgers University

*Impact of Structural Biologists and the  
Protein Data Bank on Recent US FDA New  
Drug Approvals for Anti-neoplastic Agents*



**February 26**

**Jeffrey Hoch**

Uconn Health

*Beyond Fourier*



**March 11**

**Clara Kielkopf**

University of Rochester Medical Center

*U2AF at the Pre-mRNA Splice Site: A  
disease-vulnerable step of gene expression*



**March 25**

**Antonina Roll-Mecak**

National Institutes of Health

*New Paradigms in Microtubule Biology:  
Information encoding and lattice dynamics*



**April 8**

**Sanghyuk Lee**

Rutgers University

*Development and Application of  
Multimodal Single-molecule Optical  
Microscopy/spectroscopy*



**April 15**

**Renata Pasqualini**

Rutgers University

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



**April 22**

**Julie Forman-Kay**

University of Toronto

*Intrinsically Disordered Protein Phase  
Separation in Translational Regulation  
and Bioinformatic Developments*

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**RUTGERS**



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RCSB Protein Data Bank  
(RCSB PDB)

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