Welcome to the Institute for Quantitative Biomedicine

Founding Director:
Stephen K. Burley, M.D., D.Phil.
Introducing IQB

- **Vision:** Rutgers system-wide center-of-excellence for interdisciplinary quantitative biomedical research

- **Mission:**
  To foster a vibrant, cohesive community of Rutgers basic, applied, and clinical scientists committed to collaborative quantitative biomedical research
  To develop next generation quantitative researchers for work at the interface with biology and medicine

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IQB Activities

- Research Working Groups
  - Cancer Genomics/Proteomics (Chairs: Ganesan and Burley)
  - Antimicrobial Resistance (Chairs: Perlin and Burley)

- Graduate Program (Director: Khare)

- Weekly Seminar Series (Wednesdays at Noon)

- Boot Camps and Crash Courses (Next event March 25th)
IQB Crash Course: Order and Disorder in Biology and Human Disease

Co-Chairs: Jean Baum and Stephen K. Burley
February 26th 2019
Crash Course Objectives

- Understand the field of Intrinsically Disordered Proteins (IDPs)
- Appreciate the BMRB perspective on IDPs
- Learn about using the PDB to study protein disorder
- Understand the roles IDPs play in neurodegenerative disease
- Learn about the cell biology of liquid phase IDPs
Crash Course Program

- 1:15-2:15 Keith Dunker: A Pioneer’s Perspective
- 2:15-2:45 Pedro Romero: BMRB Perspective
- 2:45-3:15 Stephen K. Burley: IDPs in the PDB
- 3:15-3:45 Group Photograph/Networking
- 3:45-4:15 Jean Baum: IDPs in Neurodegenerative Diseases
- 4:15-4:45 Nicolas Fawzi: Liquid Phase IDPs
- 4:45-5:00 Gaetano Montelione: Summary/Acknowledgements
- 5:00-6:00 Reception
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