

**Inaugural Symposium of the Center for Biomolecular Condensates (CBC)
October 14, 2022, Whitaker Hall, Room 100, Danforth Campus**

Welcome – 08:00 – 08:25

08:00: Introductions

08:05 – 08:10: **Beverly Wendland**, Provost, and Executive Vice Chancellor

08:10 – 08:15: **Aaron Bobick**, Dean, McKelvey School of Engineering

08:15 – 08:25: **Rohit Pappu**, WashU CBC Member and CBC Director

Cellular Observations and Molecular Grammar – 08:30 – 09:55

08:30 – 09:05: **Anthony Hyman**, Max Planck Institute, Cell Biology and Genetics, *Condensates in Cell Physiology & Disease*

09:10 – 09:15: **Alex Holehouse** (Short talk), WashU CBC member

09:20 – 09:25: **Yuna Ayala** (Short talk), Saint Louis University, CBC member

09:30 – 10:05: **Amy Gladfelter**, University of North Carolina, *The RNA Code in Condensates*

BREAK: 10:05 – 10:30

Physical Principles and Disease Biology – 10:30 – 12:20

10:30 – 11:05: **Tuomas Knowles**, University of Cambridge, *Kinetics of Protein Phase Transitions*

11:10 – 11:15: **Matthew Lew** (Short talk), WashU CBC member

11:20 – 11:25: **Meredith Jackrel** (Short Talk), WashU CBC member

11:30 – 11:35: **Andrea Soranno** (Short Talk), WashU CBC member

11:40 – 12:15: **Matthew Tirrell**, The University of Chicago, *Phase separation driven by polyelectrolyte complexation*

LUNCH BREAK – 12:15 – 13:55

Mechanobiology – 14:00 – 15:25

14:00 – 14:35: **Clifford Brangwynne**, Princeton University, *Liquid Motors – Condensates as mechanical force generators*

14:40 – 14:45: **Shankar Mukherjee** (Short Talk), WashU CBC member

14:50 – 15:25: **Helen McNeill**, BJC Investigator, WashU School of Medicine, *Nemp1 in mechanobiology and chromatin organization*

Genome Organization and Transcription – 15:35 – 17:00

15:35 – 16:10: **Lucia Strader**, Duke University, *Condensation to attenuate transcription factor activity in plants*

16:15 – 16:20: **Michael Vahey** (Short Talk), WashU CBC member

16:25 – 17:00: **Michael Rosen**, UT Southwestern Medical Center, *A phase separation model for chromatin organization*

