

Day 1, Monday 7/14	
7:30-8:30	Breakfast (grab and go)
8:30-9:00	Welcome remarks/Intro

Day 2, Tuesday 7/15		
7:30-8:30	Breakfast (grab and go)	
8:30-9:10	Huan-Xiang Zhou	ATP converts protein-nucleic acid aggregates into liquid droplets
9:10-9:50	Caitlin Davis	Phase Separation Modulates Opposing Stability and Kinetics of G-quadruplex and i-Motif DNA in the Nuclei of Living Cells
9:50-10:30	Alfredo Caro	AgroSpheres: one-step production and encapsulation of high-value biologics
10:30-10:45	Coffee break	
10:45-11:25	Fabio Sterpone	Proteome dynamics at the cell-death temperature: a picture of life adaptation to different
11:25-12:05	Stephen Fried	Who by Fire, and Who by Water: Keeping Proteins Alive in Extremes
12:05-12:45	Shahar Sukenik	How do proteins survive extreme crowding induced by desiccation?
12:45-13:00	Wrap up	

Day 3, Wednesday 7/16		
7:30-8:30	Breakfast (grab and go)	
8:30-9:10	Gary Pielak	Crowding beyond excluded volume: a tale of two dimers pt 1
9:10-9:50	Daniel Harries	Crowding beyond excluded volume: a tale of two dimers pt 2
9:50-10:30	Klaus Huber	Impact of Macromolecular Crowding on Cellular processes – Learning from Synthetic Model Systems
10:30-10:45	Coffee break	
10:45-11:25	Arnold Boersma	Protein aggregation in cell-mimetic crowding and

		confinement
11:25-12:05	Stepan Timr	Crowding and Dynamic Enzyme Assemblies: Developing a Computational Perspective
12:05-12:45	Elisabetta Mileo	How cellular crowding shapes protein structural dynamics: insights from EPR spectroscopy
12:45-13:00	Wrap up	

Day 4, Thursday 7/17		
7:30-8:30	Breakfast (grab and go)	
8:30-9:10	Richard Kriwacki	Multiphase behavior regulates ribosome assembly in the nucleolus
9:10-9:50	Arohan Subramanya	Material Properties of WNK Signaling Condensates
9:50-10:30	Peter Chung	The effect of crowder length on protein self-coacervation
10:30-10:45	Coffee break	
10:45-11:25	Andrea Sorrano	TBD
11:25-12:05	Karsten Weis	The role of polysomes and mRNA in controlling the biophysical properties of the eukaryotic cytoplasm
12:05-12:45	Meeting summary and discussion - where is the field headed?	
12:45-13:00	Wrap up	

Day 5, Friday 7/18		
7:30-8:30	Breakfast (grab and go)	