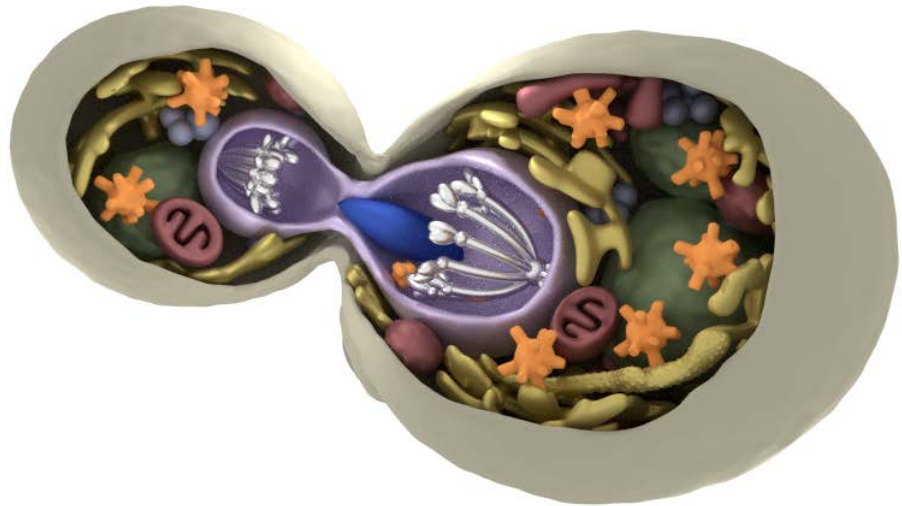




Rethinking stress-triggered aggregation



Many cellular stresses cause proteins to aggregate. Although aggregation has long been thought to result from stress-induced misfolding, forming toxic clumps in need of cleanup, recent work supports an alternative interpretation: stress-triggered formation of adaptive molecular assemblies with adaptive roles. I will discuss our work on the adaptive stress-triggered phase separation of a major eukaryotic RNA-binding protein.

Dr. Allan Drummond

Biochemistry & Molecular Biology and Human Genetics
University of Chicago

Host: Dr. Mikko Taipale

Date: Monday October 2nd, 2017

Time: 4PM

Place: Room 103, Fitzgerald Building,
150 College Street