



UC BERKELEY BIOSCIENCE MEETINGS

CELLULAR BIOPHYSICS: EXPERIMENT MEETS THEORY

Saturday, June 10, 2017 • 9:00 AM-6:00 PM • Stanley Hall

This symposium brings together the Bay Area's cell biology, bioengineering and physics communities interested in the physical mechanisms governing cellular processes. Our focus is on theoretical and experimental approaches to various topics in cellular biophysics, including: cellular membranes, the cytoskeleton, interactions between macromolecules in cells, and cell-cell and cell-substrate interactions. Methods discussed include agent-based modeling, light and force-based microscopy, nano- and micropatterning substrate approaches, solid and fluid mechanics. Emphasis is on single cells, \pm two orders of magnitude.

Keynote Speaker: KC Huang (Stanford)

Plenary Speakers: Daniel Fletcher (UC Berkeley)
Sanjay Kumar (UC Berkeley)
Padmini Rangamani (UCSD)

Register by May 15 to submit an abstract and be considered to present a talk!

Register: qb3.berkeley.edu/biosciencemeetings

