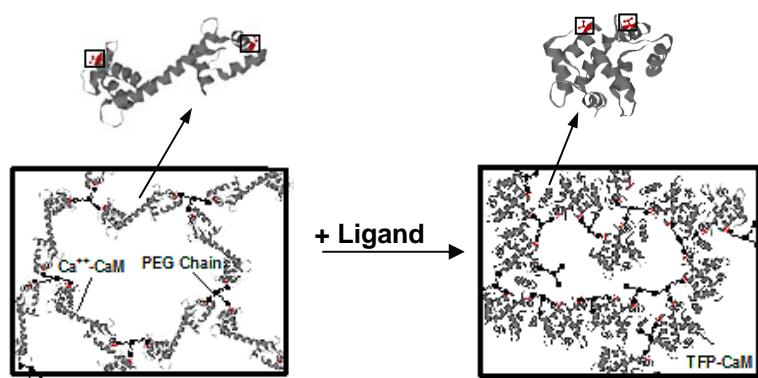
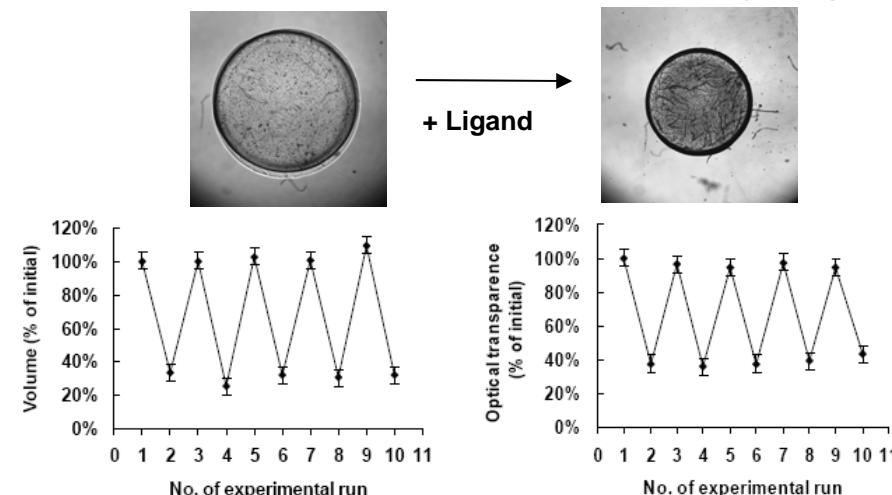


Dynamic, protein-based hydrogels

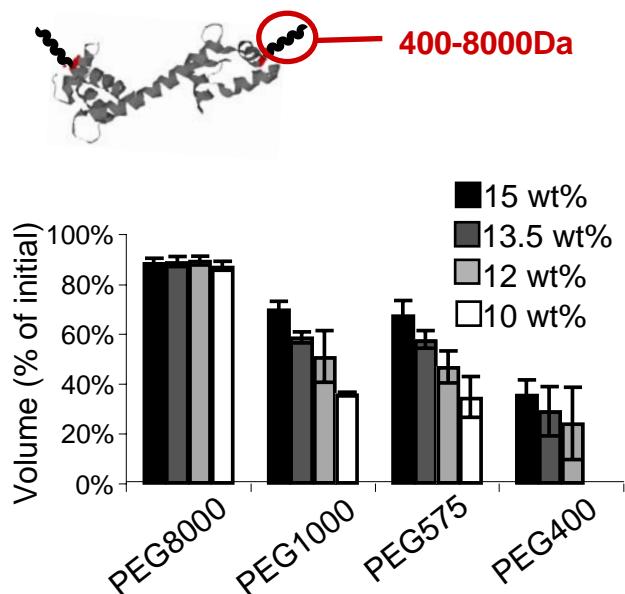
Using "hinge motion" to create dynamic networks



Initial demonstration: Calmodulin-PEG hydrogels



Tunable dynamic changes in hydrogel properties



Applications: bio-actuation, label-free bio-sensing

