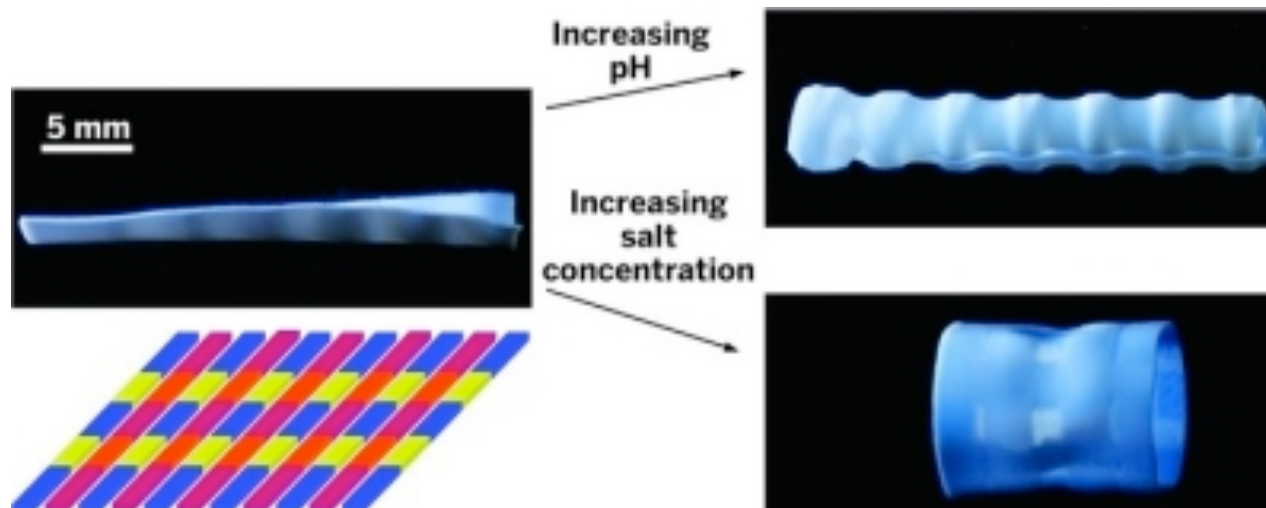


## Micellar Interpolyelectrolyte Complexes with a Compartmentalized Shell

Christopher V. Synatschke,<sup>†,||</sup> Tina I. Löblich,<sup>†,||</sup> Melanie Förtsch,<sup>†</sup> Andreas Hanisch,<sup>†</sup>

Felix H. Schacher,<sup>‡,\*</sup> and Axel H. E. Müller

[pubs.acs.org/Macromolecules](https://pubs.acs.org/Macromolecules)



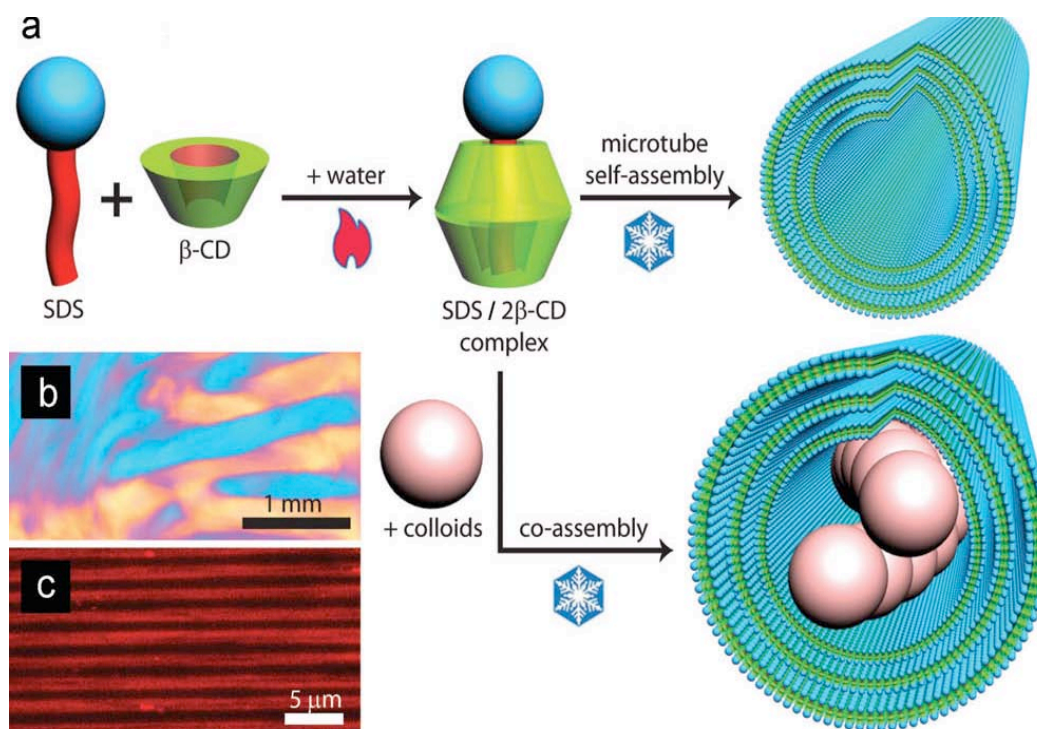
[Polymer hydrogel to adopt multiple shapes in response to multiple triggers](#)  
(*J. Am. Chem. Soc.*, DOI: [10.1021/ja400518c](https://doi.org/10.1021/ja400518c)).  
Prof Eugenia Kumacheva

# Helical Colloidal Sphere Structures through Thermo-Reversible Co-Assembly with Molecular Microtubes

Jiang, de Folter, Huang, Philipse, Kegel, Petukhov

Angewandte Chemie International Edition

[Volume 52, Issue 12](#), pages 3364–3368, March 18, 2013

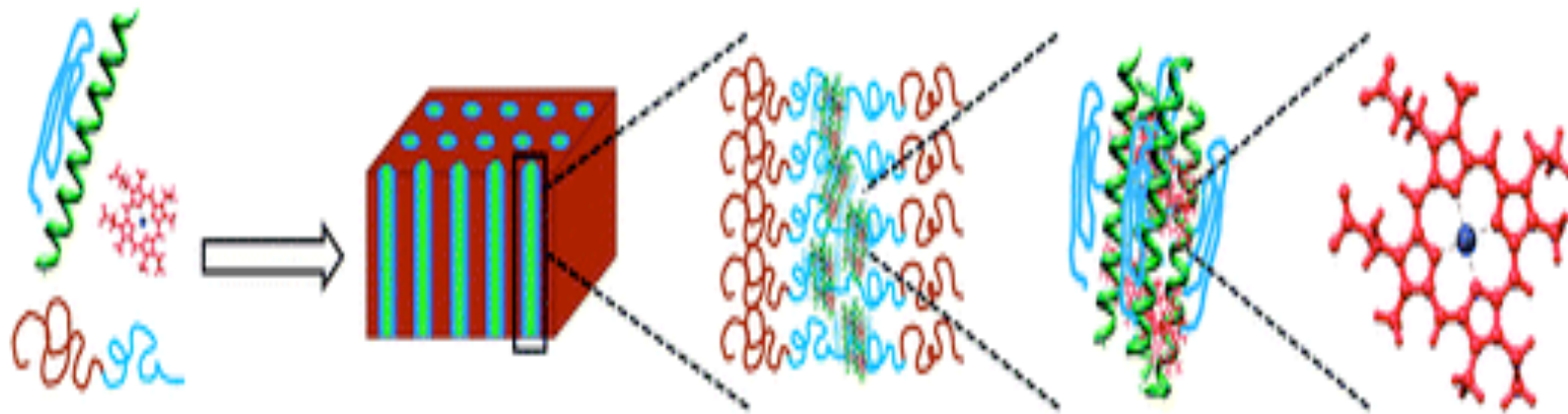


Co-assembly of colloids and microtubes. a) Representation of the self-assembly of SDS/2 $\beta$ -CD (sodium dodecyl sulfate/ $\beta$ -cyclodextrin) inclusion complexes into microtubes, incorporating and structuring spherical colloids in their cylindrical cavities.

## Directed co-assembly of [heme](#) proteins with amphiphilic block copolymers toward functional biomolecular materials

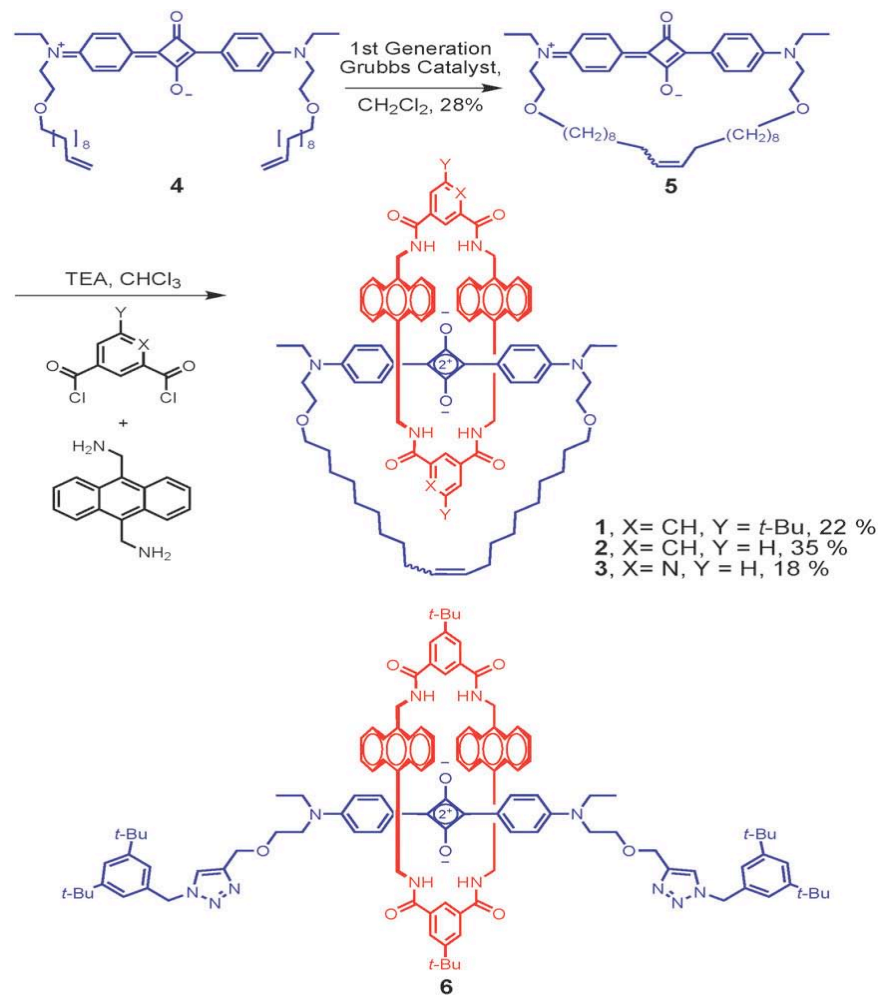
Andrew D. Presley <sup>a</sup>, Joseph J. Chang <sup>a</sup> and Ting Xu <sup>\*abc</sup>

Soft Matter , 2011, **7**, 172-179



Hierarchical assembly of peptide-polymer/block-copolymer (BCP) thin films. Multi-component samples are blended in solution and processed into thin films.

## Supramolecules



Synthesis of squaraine [2]catenanes 1–3 and chemical structure of squaraine rotaxane  
Jung-Jae Lee, Jeffrey M. Baumes, Richard D. Connell, Allen G. Oliver and Bradley D. Smith. *Chem. Commun.*, 2011, **47**, 7188–7190

# Yield strength of glued Langmuir–Blodgett films determined by friction force microscopy

Kyle C. Wagner<sup>a</sup>, Yao Wang<sup>b</sup>, Steven L. Regen<sup>a</sup> and Dmitri V. Vezenov

Phys. Chem. Chem. Phys. , 2013, **15**, 14037-14046

