

# Soft Matter

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### Inside cover

See Maria L. Ekiel-Jezewska *et al.*, pp. 4829–4846. Image reproduced by permission of H. J. Shashank, Y. Melikhov and M. L. Ekiel-Jezewska from *Soft Matter*, 2023, 19, 4829.

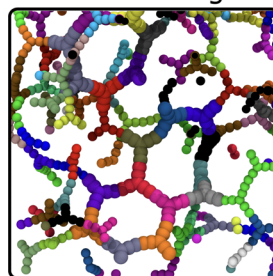
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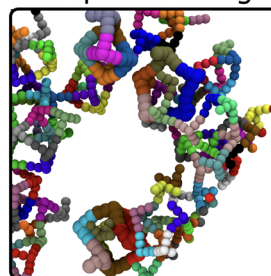
### Nanostars planarity modulates the rheology of DNA hydrogels

Yair Augusto Gutiérrez Fosado

#### Planar design



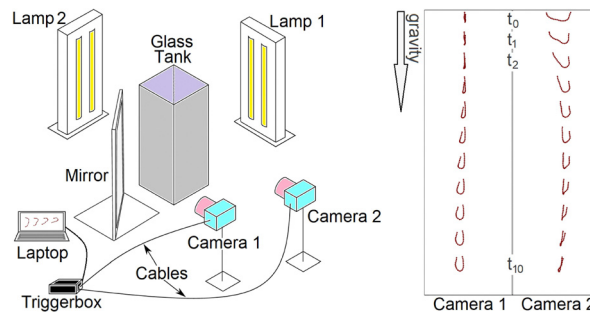
#### Non-planar design



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### Dynamics of ball chains and highly elastic fibres settling under gravity in a viscous fluid

H. J. Shashank, Yevgen Melikhov and Maria L. Ekiel-Jezewska\*



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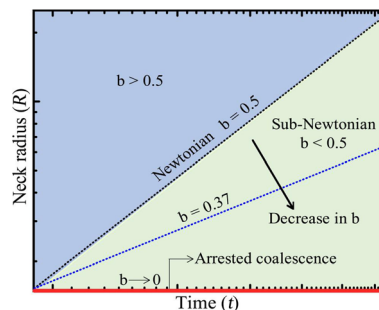


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## Sub-Newtonian coalescence in polymeric fluids

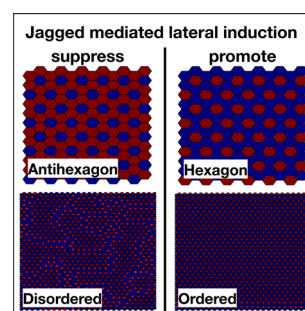
Abhineet Singh Rajput, Sarath Chandra Varma and Alope Kumar\*



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## The alternate ligand Jagged enhances the robustness of Notch signaling patterns

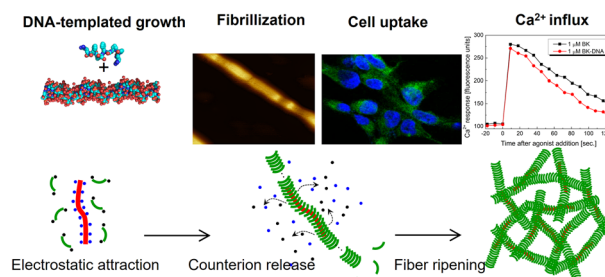
Mrinmoy Mukherjee\* and Herbert Levine



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## DNA-templated self-assembly of bradykinin into bioactive nanofibrils

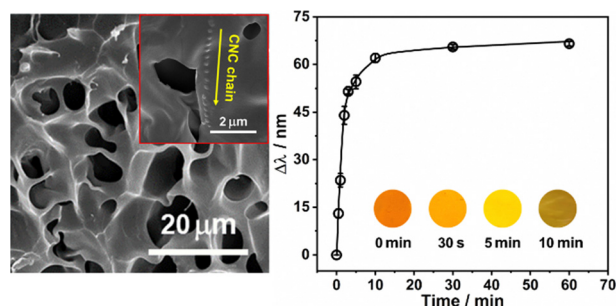
Thiago C. Lourenço, Lucas R. de Mello, Marcelo Y. Icimoto, Renata N. Bicev, Ian W. Hamley, Valeria Castelletto, Clovis R. Nakaie and Emerson R. da Silva\*



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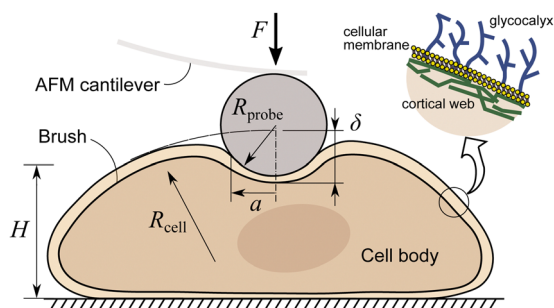
A K<sup>+</sup>-sensitive photonic crystal hydrogel sensor for efficient visual monitoring of hyperkalemia/hypokalemia

Yan-Lin Wang, Xi Wang, Hai-Rong Yu,\* Ting Liang, Xing-Bin Lv and Chang-Jing Cheng\*



## PAPERS

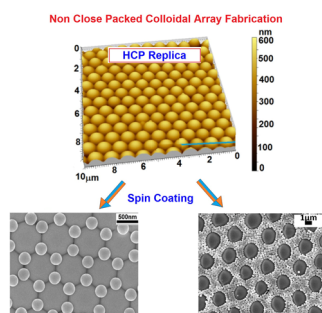
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# AFM-based spherical indentation of a brush-coated soft material: modeling the bottom effect

Ivan Argatov, Xiaoqing Jin\* and Gennady Mishuris

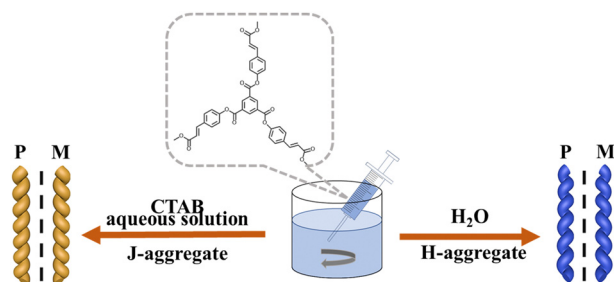
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# Ordered non-close packed colloidal array with morphology control

Madhumita Choudhuri, Meneka Banik and Rabibrata Mukherjee\*

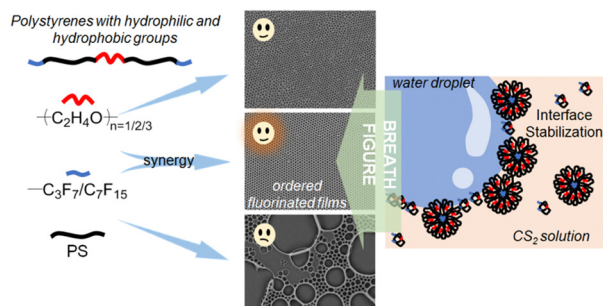
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Yi Lu, Zhaocun Shen, Changshuo Lian, Jie Wu,\* Minghua Liu\* and Zongxia Guo\*

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# Polystyrenes with both hydrophilic and hydrophobic moieties: synthesis and self-assembly behaviors

Di Zhou, Ping Fu, Tian Gao, Zhi-Kang Xu and Ling-Shu Wan\*

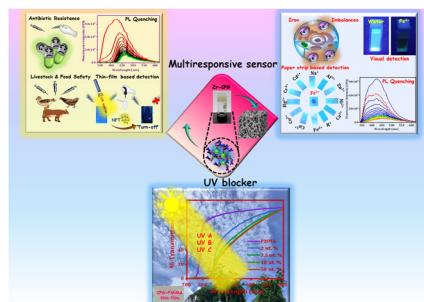


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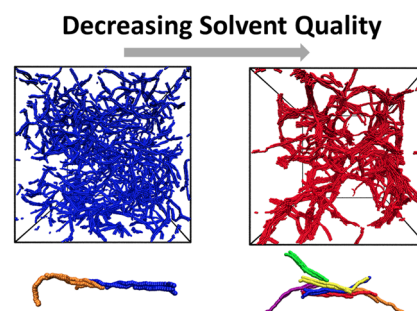
Sumit Mondal and Debajit Sarma\*



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### Effects of solvent conditions on the self-assembly of heterotrimeric collagen-like peptide (CLP) triple helices: a coarse-grained simulation study

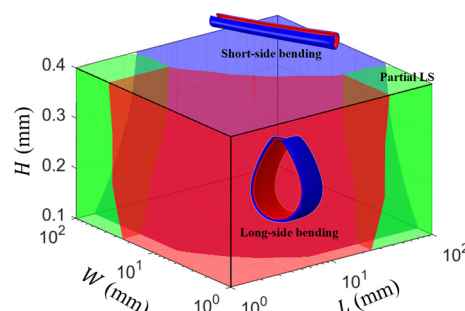
Phillip A. Taylor, Stephen Kronenberger, April M. Kloxin and Arthi Jayaraman\*



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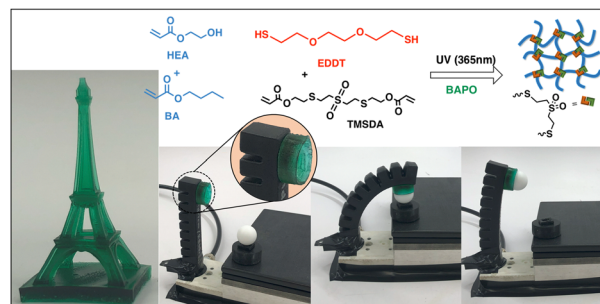
Yin Liu, Xuemei Fu, Ruochen Yang, Jun Liu, Benjamin Chee Keong Tee and Zhuangjian Liu\*



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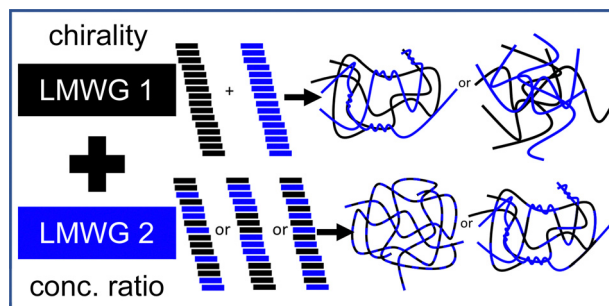
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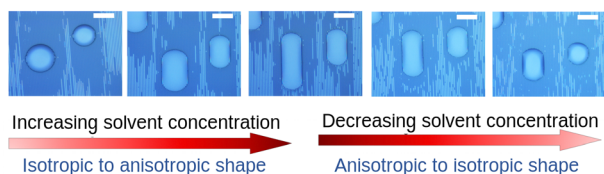


## Investigating multigelator systems across multiple length scales

Libby J. Marshall, Simona Bianco, Rebecca E. Ginesi, James Douth, Emily R. Draper and Dave J. Adams\*

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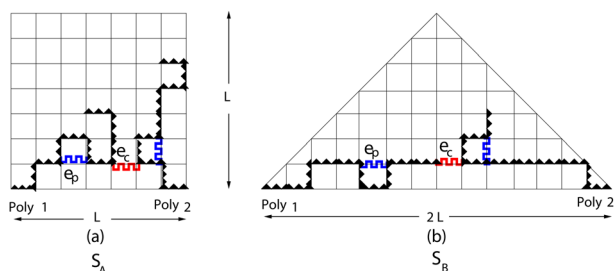
Drop shape transition due to motion of contact line in presence of solvent vapors



## Contact line motion in dewetted polymer droplets on anisotropic nanosurfaced surfaces

Pichkari Saikiran, D. Purnima and Nandini Bhandaru\*

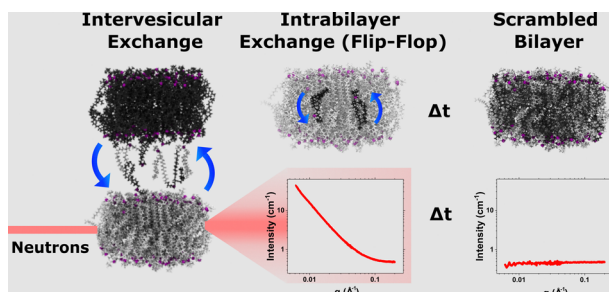
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Dibyajyoti Mohanta

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Michael H.L. Nguyen, Dominik Dziura, Mitchell DiPasquale, Stuart R. Castillo, Elizabeth G. Kelley and Drew Marquardt\*



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Ryo Ienaga, Kazusa Beppu and Yusuke T. Maeda\*

