

# Soft Matter

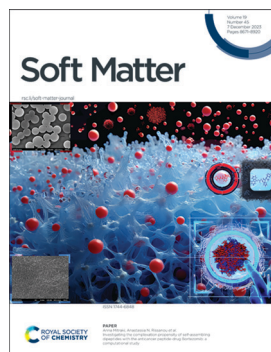
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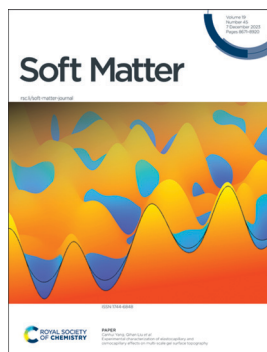
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ISSN 1744-6848 CODEN SMOABF 19(45) 8671-8920 (2023)



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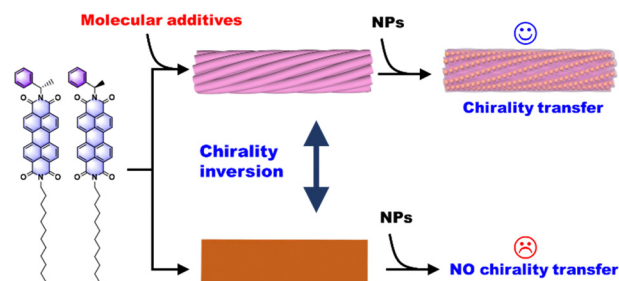
See Canhui Yang, Qihan Liu *et al.*, pp. 8698–8705. Image reproduced by permission of Qihan Liu and Jie Zhu from *Soft Matter*, 2023, **19**, 8698.

## COMMUNICATION

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### Using a molecular additive to control chiral supramolecular assembly and the subsequent chirality transfer process

Qingyuan Yao, Rongjuan Liu, Zhijie Yang and Jingjing Wei\*

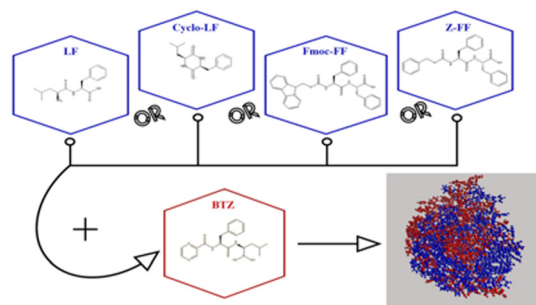


## PAPERS

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### Investigating the complexation propensity of self-assembling dipeptides with the anticancer peptide-drug Bortezomib: a computational study

Peter Divanach, Eirini Fanouraki, Anna Mitraki,\* Vagelis Harmandaris and Anastassia N. Rissanou\*



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Soft Matter (electronic: ISSN 1744-6848)

is published 48 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

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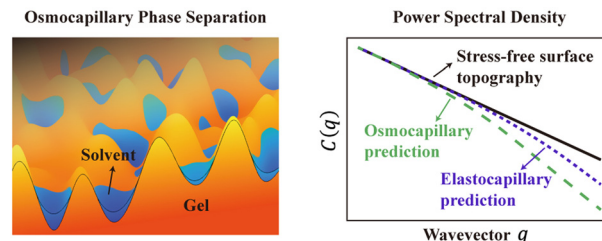


## PAPERS

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# Experimental characterization of elastocapillary and osmotic effects on multi-scale gel surface topography

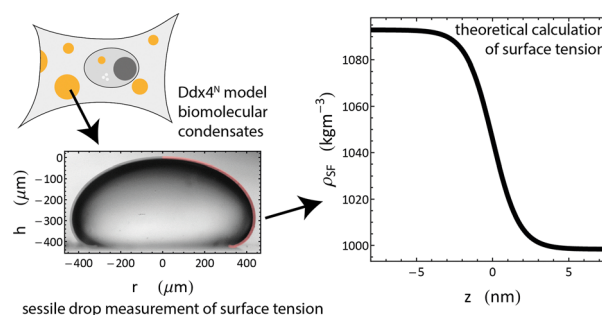
Jie Zhu, Canhui Yang\* and Qihan Liu\*



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# Surface tension measurement and calculation of model biomolecular condensates

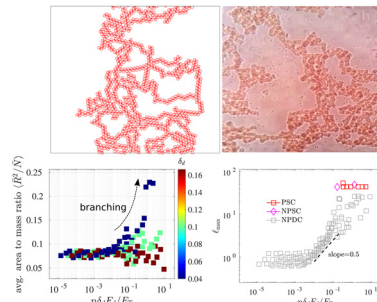
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# Anisotropic short-range attractions precisely model branched erythrocyte aggregates

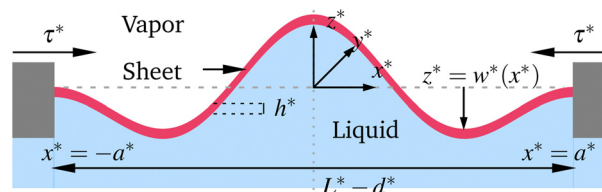
Megha Yadav, Vanshika and Chamkor Singh\*



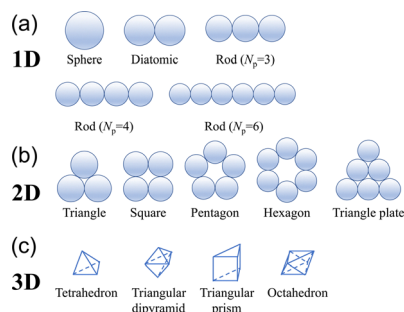
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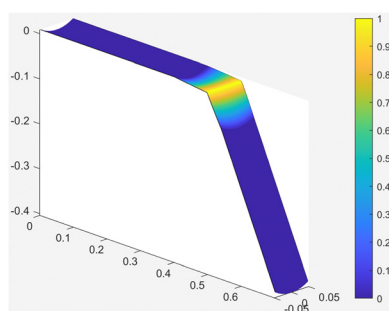
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## Penetrant shape effects on activated dynamics and selectivity in polymer melts and networks based on self-consistent cooperative hopping theory

Baicheng Mei and Kenneth S. Schweizer\*

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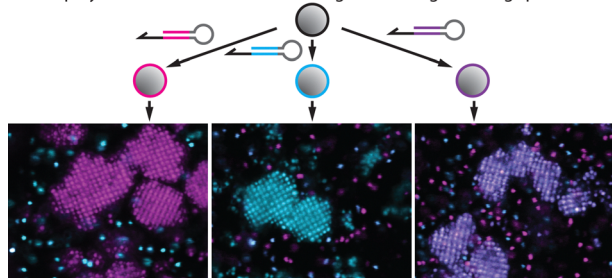


## A dimensionally-reduced nonlinear elasticity model for liquid crystal elastomer strips with transverse curvature

Kevin LoGrande,\* M. Ravi Shankar and Kaushik Dayal

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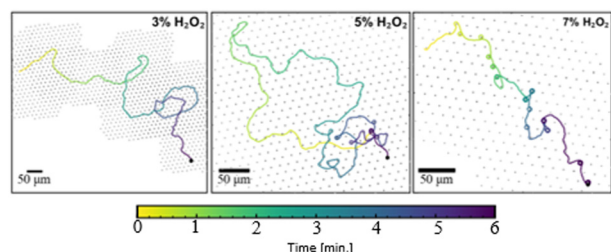
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## A simple method to alter the binding specificity of DNA-coated colloids that crystallize

Pepijn G. Moerman, Huang Fang, Thomas E. Videbæk, W. Benjamin Rogers\* and Rebecca Schulman\*

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## Transition from scattering to orbiting upon increasing the fuel concentration for an active Janus colloid moving at an obstacle-decorated interface

Carolina van Baalen, William E. Uspal, Mihail N. Popescu and Lucio Isa\*

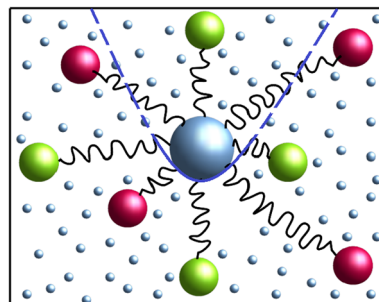


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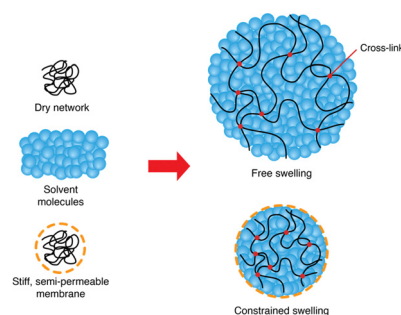
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**Swelling kinetics of constrained hydrogel spheres**

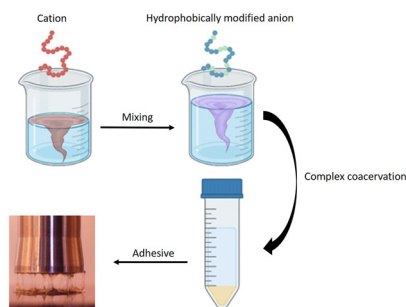
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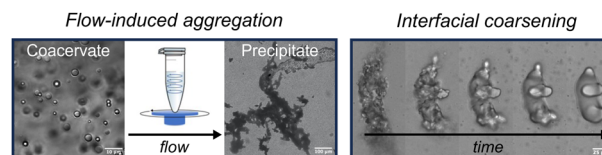
Larissa van Westerveld, Julien Es Sayed, Marijn de Graaf, Anton H. Hofman,\* Marleen Kamperman and Daniele Parisi\*



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**Coacervate or precipitate? Formation of non-equilibrium microstructures in coacervate emulsions**

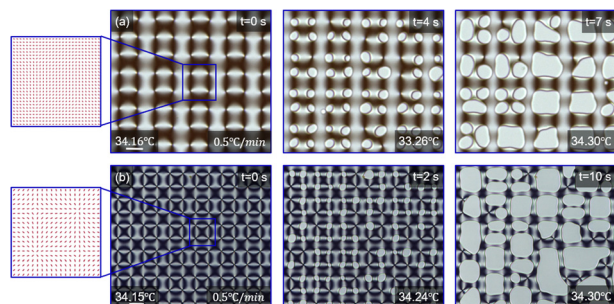
Chelsea E. R. Edwards, Kareem L. Lakkis, Yimin Luo and Matthew E. Helgeson\*





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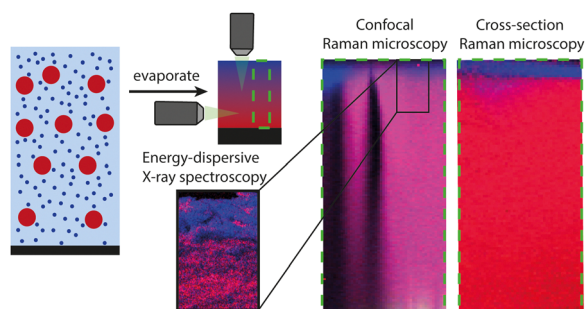
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### Nematic–isotropic phase transitions in thin slabs of liquid crystals with topological defect arrays

Hao Chen, Miao Jiang,\* Yubing Guo, Irakli Chaganava and Qi-Huo Wei\*

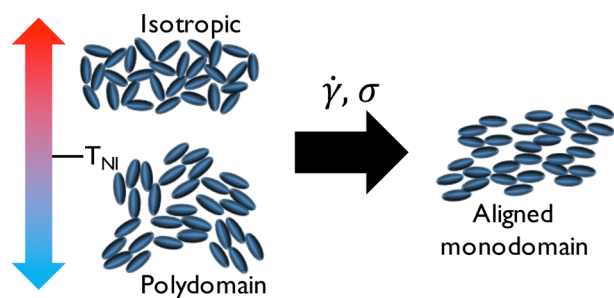
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### Quantitative imaging methods for heterogeneous multi-component films

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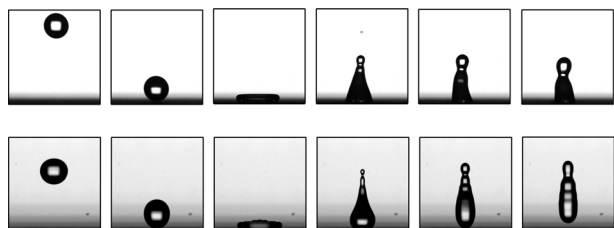
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Grant E. Bauman and Timothy J. White\*

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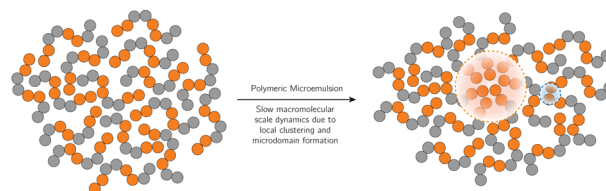


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# Theory of the center-of-mass diffusion and viscosity of microstructured and variable sequence copolymer liquids

Guang Shi and Kenneth S. Schweizer\*



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# Tribocharging of granular materials and influence on their flow

Nicolas Preud'homme,\* Geoffroy Lumay, Nicolas Vandewalle and Eric Opsomer

