

# Soft Matter

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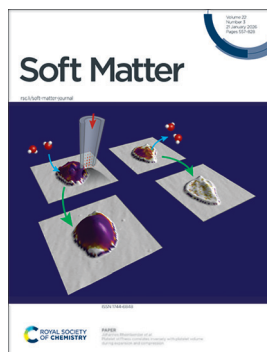
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### Cover

See Steffen Hardt *et al.*, pp. 567–577.  
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### Inside cover

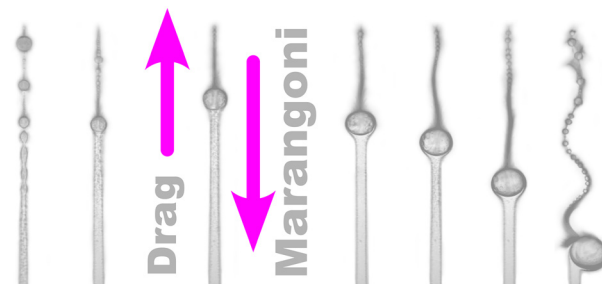
See Johannes Rheinlaender *et al.*, pp. 578–588.  
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### Upstream motion of oil droplets in co-axial Ouzo flow due to Marangoni forces

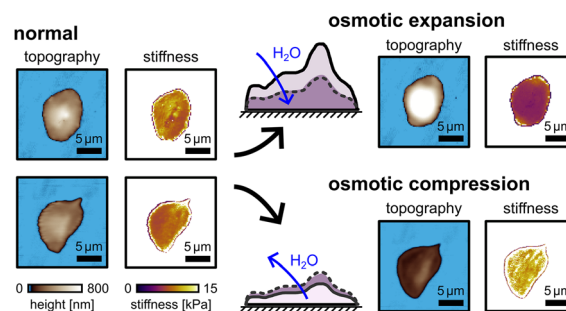
Steffen Bisswanger, Duarte Rocha, Sebastian Dehe, Christian Diddens, Tobias Baier, Detlef Lohse and Steffen Hardt\*



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### Platelet stiffness correlates inversely with platelet volume during expansion and compression

Konstantin Krutzke, Jan Seifert, Meinrad Gawaz, Tilman E. Schäffer\* and Johannes Rheinlaender\*



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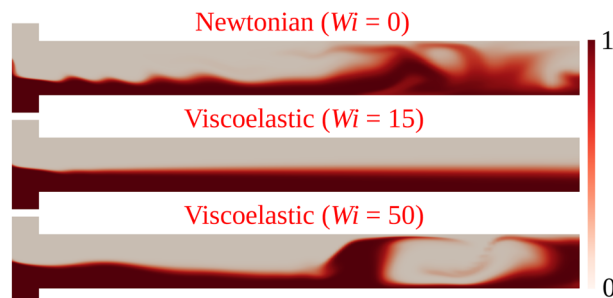


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# Electrokinetic and electro-elastic instabilities in viscoelastic microfluidic flows: suppression and augmentation in mixing efficiency

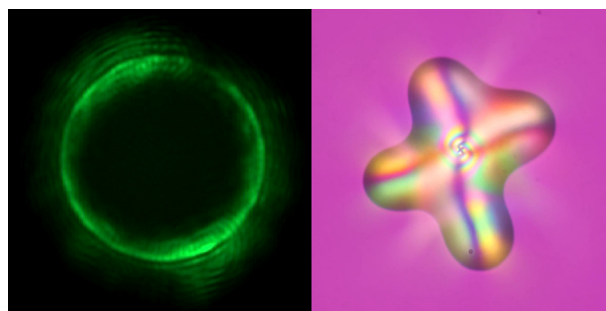
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# Whispering gallery mode study of phase transition and shape change in liquid crystal droplets

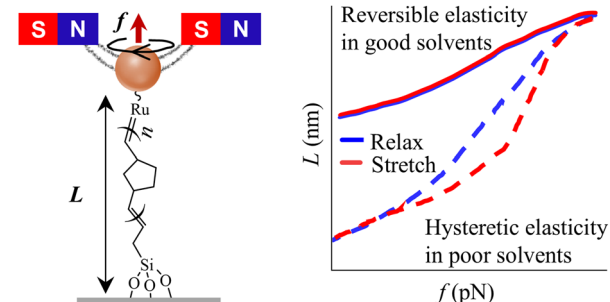
Arkalekha Neogi, Jaka Zaplotnik, Miha Ravnik and Igor Muševič\*



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# Solvent-induced single-chain conformations of a linear synthetic polymer

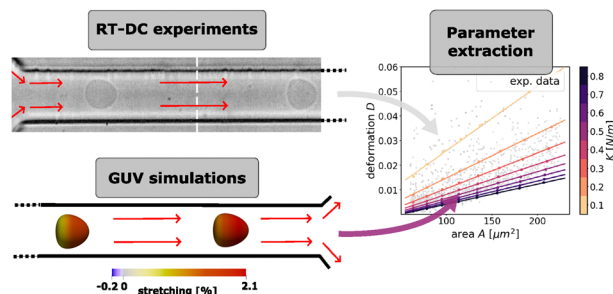
Susil Baral\* and Binod Gautam



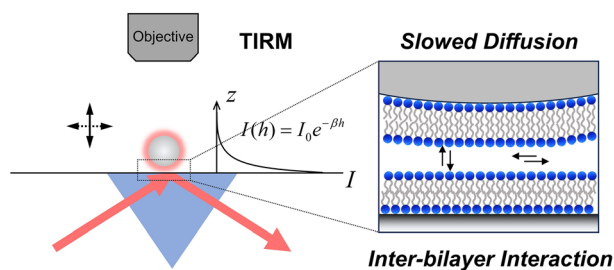
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# High-throughput mechanical characterization of giant unilamellar vesicles by real-time deformability cytometry

Maximilian Kloppe, Stefan J. Maurer, Tobias Abele, Kerstin Göpflich and Sebastian Aland\*



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### Lipid bilayer-mediated spatiotemporal correlation between near-wall confined motion of micro-carriers

Wei Liu, Jinwei Zhong, Pui Wo Felix Yeung, Xiahui Xiao, Yuwei Zhu\* and To Ngai\*

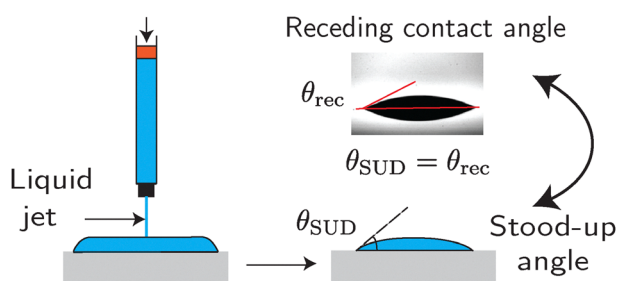
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### Physical effects of hydrogel coatings on seed germination

Tori Melise Phillips, Joshua Green, Alvaro Sanz-Saez and Jean-François Louf\*

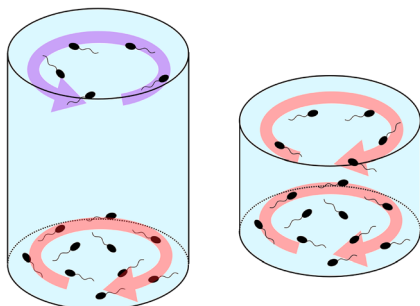
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### Rotation reversal of chiral bacterial vortices

Pyae Hein Htet and Eric Lauga\*

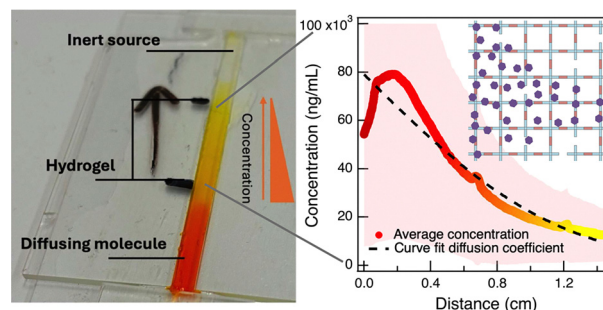


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## A technique to create hydrogels with tethered concentration gradients of molecules *in vitro*

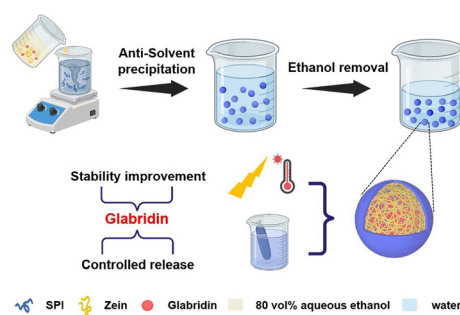
Thomas C. O'Shea, Ahmad Salem and Kelly M. Schultz\*



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## Preparation of functional Zein/*Spirulina* protein isolate nanocomposite particles for improved encapsulation of glabridin

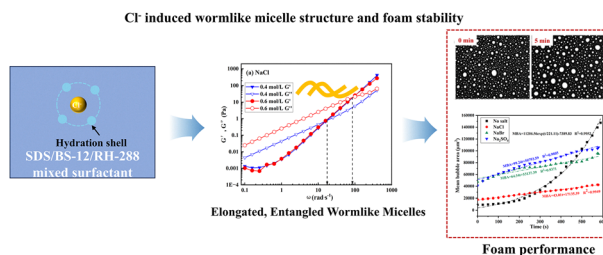
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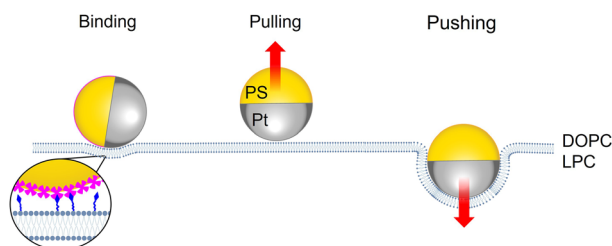
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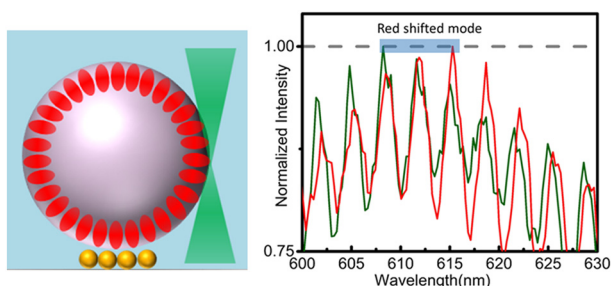
## Engineering active colloidal dynamics at a lipid bilayer interface

Paige Liu, Robert K. Keane, Hima Nagamanasa Kandula and Peter J. Beltramo\*





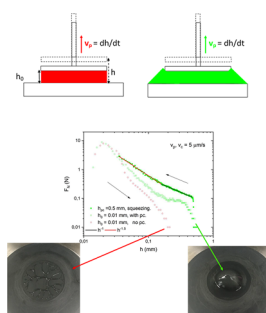
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### Optical tweezers assisted coupling of nematic droplets to gold nanoparticle clusters: effect on whispering gallery modes

Sumant Pandey\* and G. V. Pavan Kumar\*

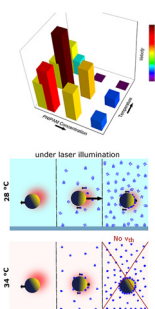
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Vitor Hugo de Oliveira Pereira and Wilson Barros Jr\*

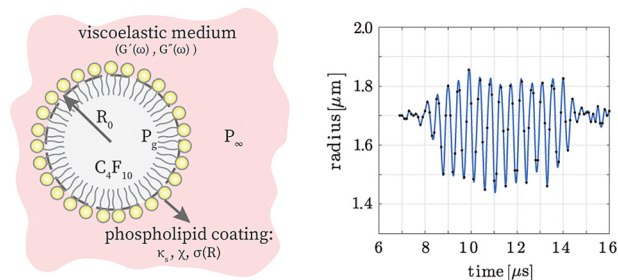
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### Microbubble-based measurement of shear and loss moduli in polyacrylamide hydrogels at MHz frequencies

Ali Rezaei, Kay Dijks, David Fernandez Rivas, Jacco H. Snoeijer, Michel Versluis and Guillaume Lajoinie\*

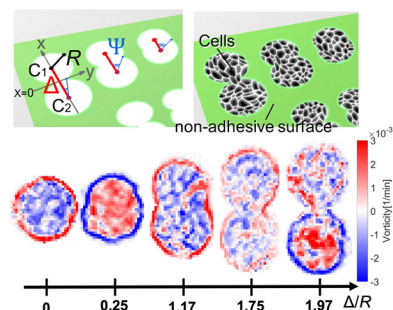


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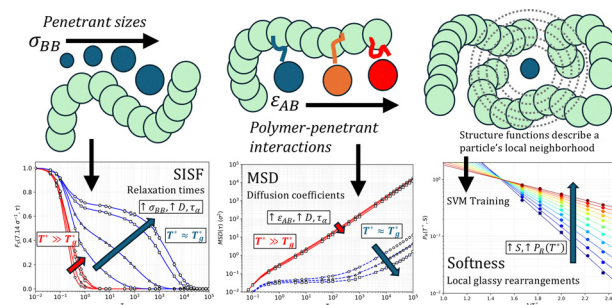
Ryo Ienaga, Kazuyuki Shigeta, Tatsuya Fukuyama, Kazusa Beppu\* and Yusuke T. Maeda\*



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## Small particle dynamics in glassy polymers: diffusion, relaxation, and machine-learned softness

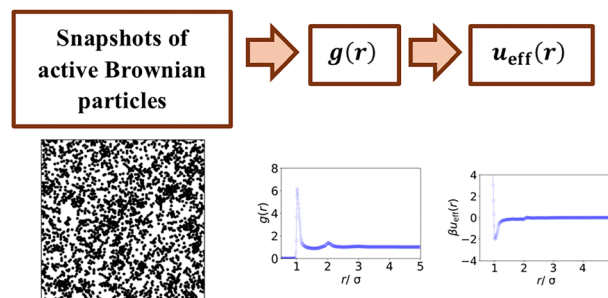
S. J. Layding and R. A. Riggleman\*



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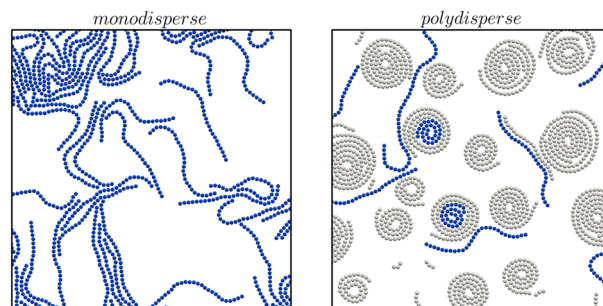
Clare R. Rees-Zimmerman\*, C. Miguel Barriuso Gutierrez, Chantal Valeriani and Dirk G. A. L. Aarts



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## Collective filament wrapping and nested spiral formation in active polydisperse systems

Caterina Landi, Giulia Janzen, Francesco Sciortino, John Russo, Chantal Valeriani\* and Daniel A. Matoz-Fernandez\*



## CORRECTION

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**Correction: Errors matter when measuring Poisson's ratio of nearly incompressible elastomers**

Robert D. Nedoluha, Majed N. Saadawi and Christopher W. Barney\*

