

# Soft Matter

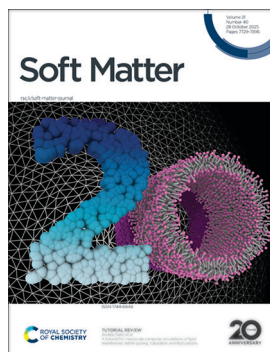
Where physics meets chemistry meets biology for fundamental soft matter research

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## IN THIS ISSUE

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### Cover

See Anđela Šarić *et al.*, pp. 7736–7756.  
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### Inside cover

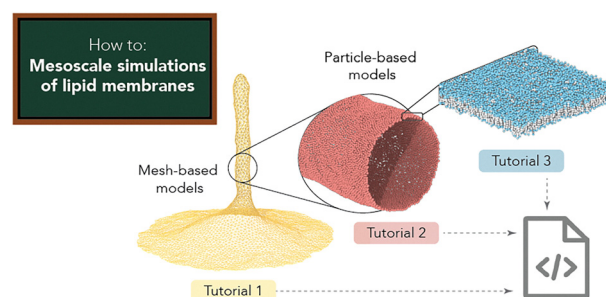
See Rebecca Kramer-Bottiglio *et al.*, pp. 7757–7767.  
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## TUTORIAL REVIEW

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### A tutorial for mesoscale computer simulations of lipid membranes: tether pulling, tubulation and fluctuations

Maitane Muñoz-Basagoiti, Felix Frey, Billie Meadowcroft, Miguel Amaral, Adam Prada and Anđela Šarić\*

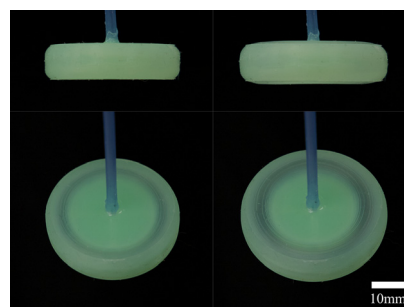


## PAPERS

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### Tuning the size and stiffness of inflatable particles

Nidhi Pashine, Dong Wang, Robert Baines, Medha Goyal, Mark D. Shattuck, Corey S. O'Hern and Rebecca Kramer-Bottiglio\*



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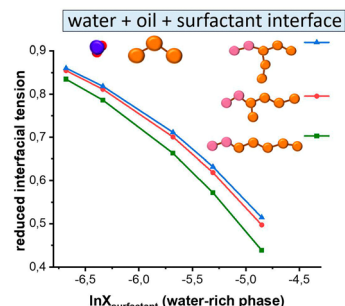


## PAPERS

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# Prediction of the effect of branching of molecular chain on the structure of interface and interfacial tension in systems containing water, alkane and nonionic surfactant

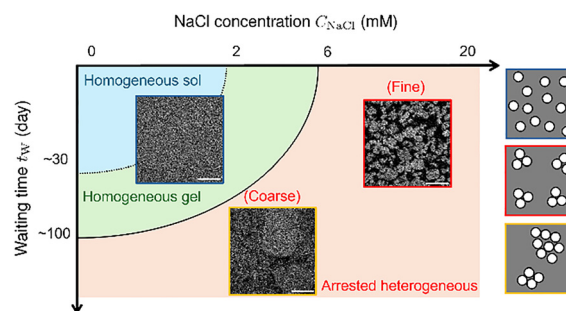
Polina O. Sorina and Alexey I. Victorov\*



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# Real-space observation of salt-dependent aging in LAPONITE® gels

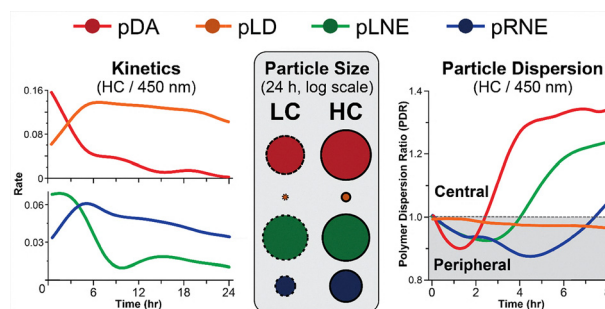
Shunichi Saito,\* Sooyeon Kim, Yuichi Taniguchi and Miho Yanagisawa\*



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# Chirality and concentration govern polycatecholamine self-assembly: a comparative study of dopamine, levodopa, and norepinephrine

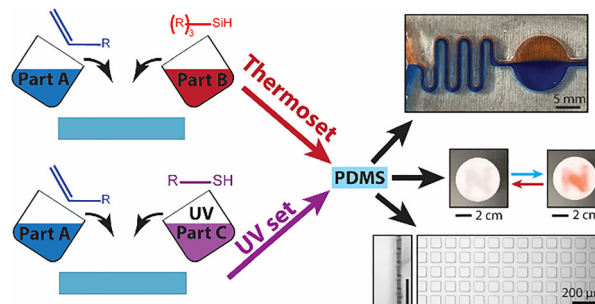
Alexander J. Steeves and Fabio Variola\*



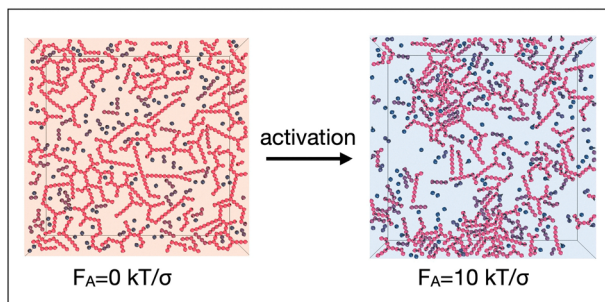
7803

# Facile conversion of commercial silicones from thermoset to ultraviolet-set for increased processing versatility

Matthew R. Jamison, Spencer Pak, Eric J. Markvicka and Stephen A. Morin\*



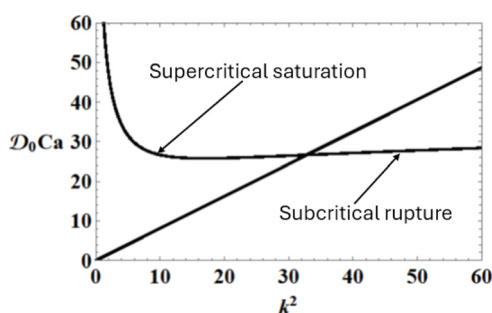
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### Activation of colloidal patchy particle networks

H. J. Jonas, N. Oikonomas, P. Schall and P. G. Bolhuis\*

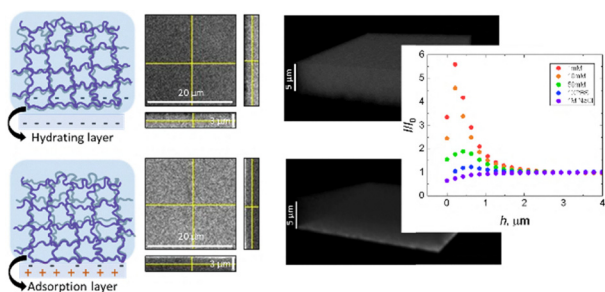
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### Branching dynamics in electrohydrodynamic instabilities of viscoelastic soft gels

Gyandeep Balram and Bhagavatula Dinesh\*

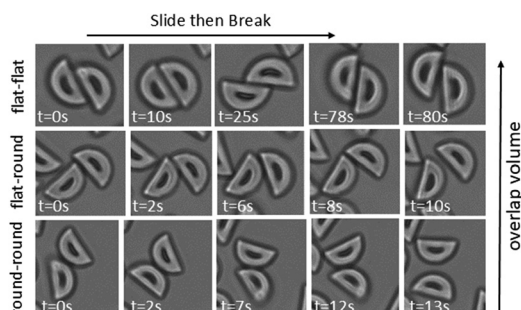
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### Local deformation and dynamics of cross-linked hyaluronic acid gels at charged interfaces

Sujata Dhakal, Samyuktha Chandrasekar, Adediwura Deborah Adedeji and Svetlana Morozova\*

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### Lifetime and fluctuations of specific bonds between anisotropic colloids mediated through depletion interactions

M. Mayarani,\* Justine Laurent, Martin Lenz, Olivia du Roure\* and Julien Heuvingh



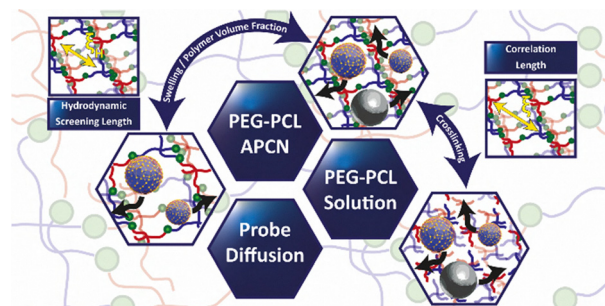


## PAPERS

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# Diffusive probe penetration for characterization of diffusion-governing length scales in amphiphilic PEG–PCL co-networks

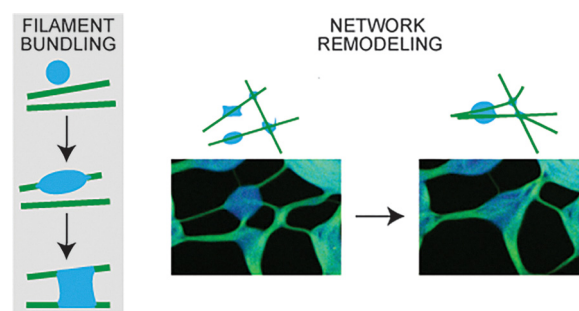
Sebastian Seitel, Nico Perez Lopez, Stephanie Ihmann, Frank Böhme and Sebastian Seiffert\*



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# Protein condensates induce biopolymer filament bundling and network remodeling via capillary interactions

Carolyn A. Feigeles, Artis Brasovs, Adam Puchalski, Olivia Laukat, Konstantin G. Kornev and Kimberly L. Weirich\*



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# Why epithelial cells collectively move against a traveling signal wave

Tatsuya Fukuyama, Hiroyuki Ebata, Akihisa Yamamoto, Ryo Ienaga, Yohei Kondo, Motomu Tanaka, Satoru Kidoaki, Kazuhiro Aoki and Yusuke T. Maeda\*

