

# Soft Matter

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### Cover

See C. Patrick Royall et al., pp. 2787–2802. Image reproduced by permission of C. Patrick Royall from *Soft Matter*, 2025, 21, 2787.



### Inside cover

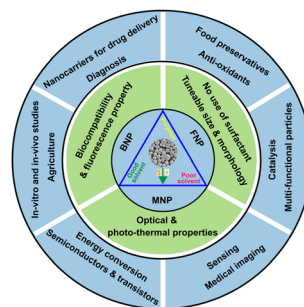
See Martin Kröger, Clarisse Luap and Patrick Ilg, pp. 2803–2825. Image reproduced by permission of Clarisse Elodie Luap from *Soft Matter*, 2025, 21, 2803. Image credit: Clarisse Luap

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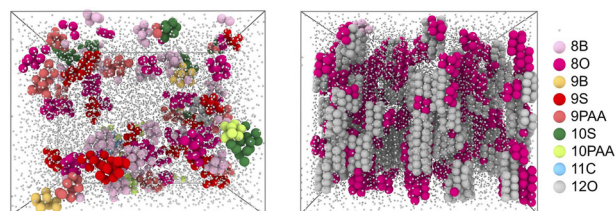


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## Tuning higher order structure in colloidal fluids

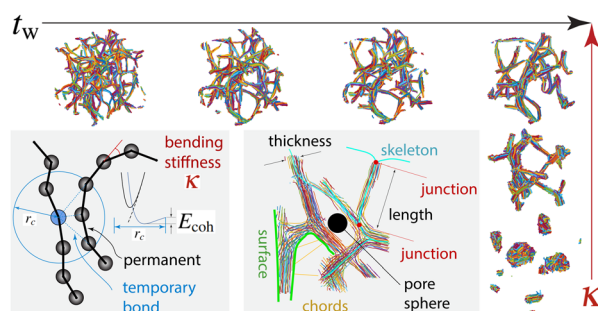
Xiaoyue Wu, Katherine Skipper, Yushi Yang,  
Fergus J. Moore, Fiona C. Meldrum and  
C. Patrick Royall\*



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## Ultra-slow self-similar coarsening of physical fibrillar gels formed by semiflexible polymers

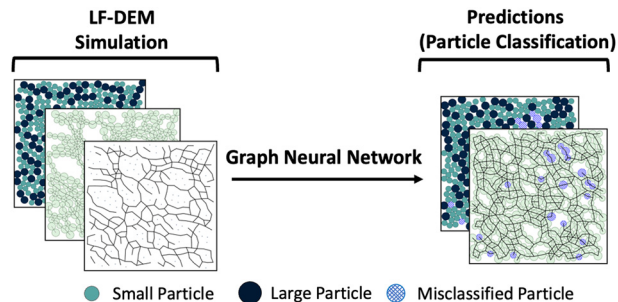
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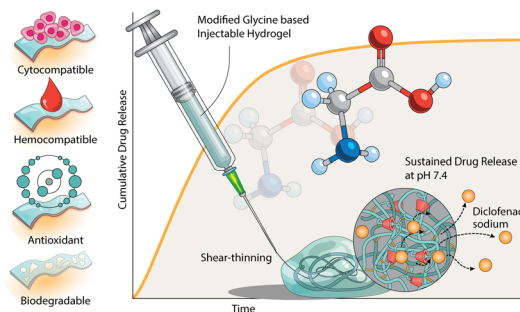
Armin Aminimajd, Joao Maia and Abhinendra Singh\*



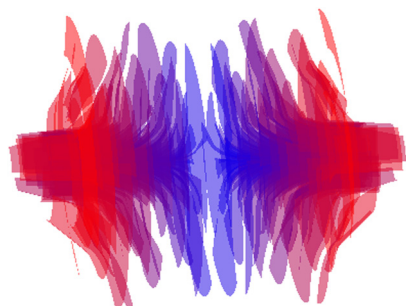
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## Functionalized amino acid-based injectable hydrogels for sustained drug delivery

Arpita Roy,\* Kalipada Manna, Shaon Dey,  
Kanta Chakraborty, Santanu Dhara and Sagar Pal\*



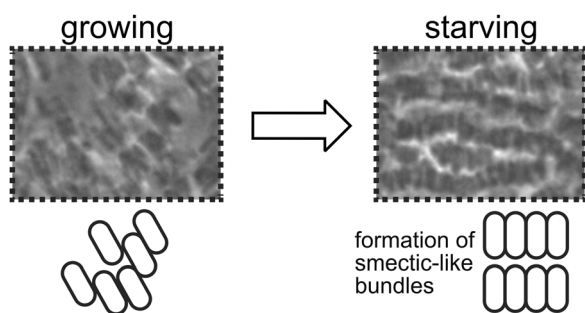
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### Fluid mechanics of sarcomeres as porous media

John Severn,\* Thomas Vacus and Eric Lauga

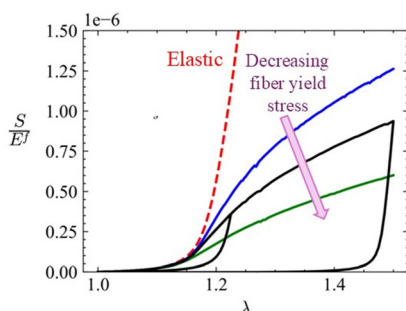
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### Smectic-like bundle formation of planktonic bacteria upon nutrient starvation

Takuro Shimaya, Fumiaki Yokoyama and Kazumasa A. Takeuchi\*

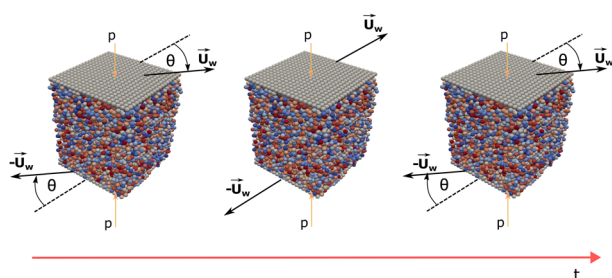
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### Nonlinear behavior of stochastic athermal fiber networks with elastic–plastic fibers

Syed N. Amjad, Nishan Parvez and Catalin R. Picu\*

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### Transient stress and fabric model for quasi-static granular flows in three dimensions

Eduardo Rojas\* and Ken Kamrin\*



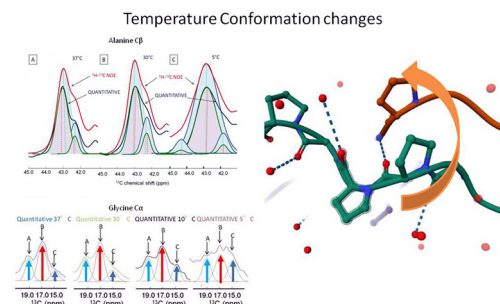


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# High-resolution $^{13}\text{C}$ NMR indicates that changes in the dynamics of polyproline II conformations induce collagen I fibrillogenesis

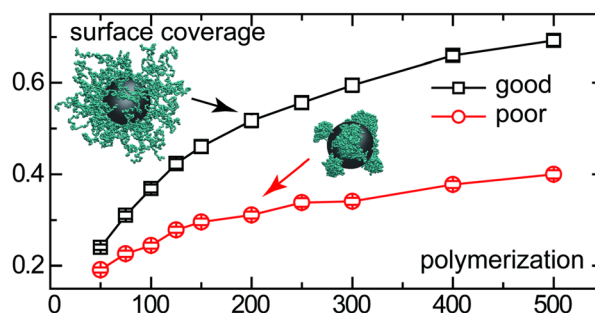
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# How to estimate the surface coverage of polymer grafted planar substrates and spherical nanoparticles

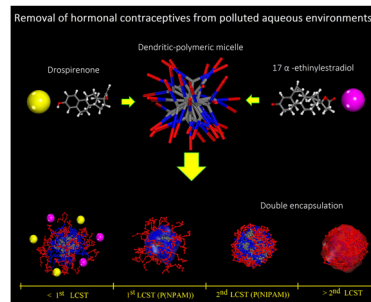
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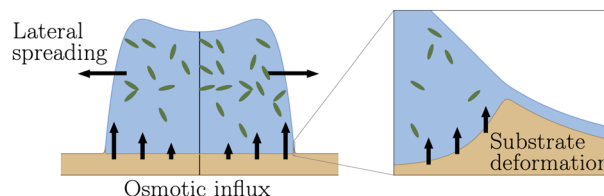
César Soto-Figueroa, Tomas Galicia-Garcia, Armando Sebastián Pérez-Rodríguez, María del Rosario Rodríguez-Hidalgo\* and Luis Vicente



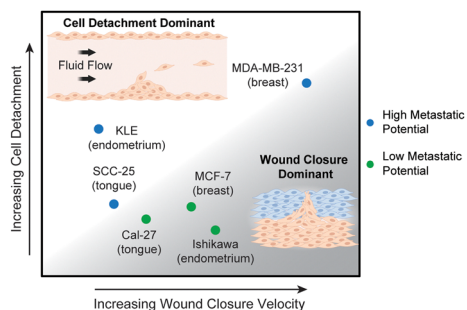
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# The role of substrate mechanics in osmotic biofilm spreading

Anthony Pietz, Karin John and Uwe Thiele\*



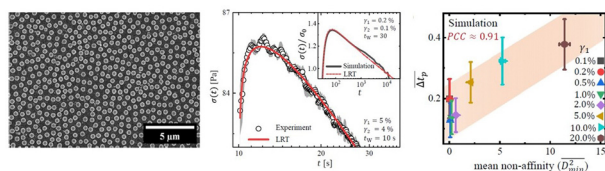
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## Functional assessment of migration and adhesion to quantify cancer cell aggression

Lauren E. Mehanna, James D. Boyd, Chloe G. Walker, Adrianna R. Osborne, Martha E. Grady\* and Brad J. Berron\*

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## Kovacs-like memory effect in a sheared colloidal glass: role of non-affine flows

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