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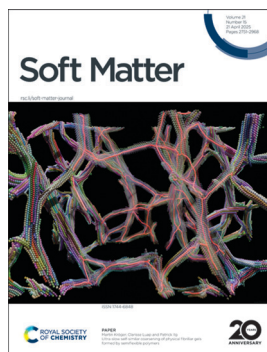
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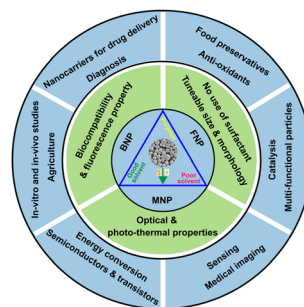
See Martin Kröger, Clarisse Luap and Patrick Ilg, pp. 2803–2825. Image reproduced by permission of Clarisse Elodie Luap from *Soft Matter*, 2025, 21, 2803. Image credit: Clarisse Luap

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Recent advances in nanoprecipitation: from mechanistic insights to applications in nanomaterial synthesis

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Mechanism of microplastic and nanoplastic emission from tire wear

Shankar Ghosh,* Anit Sane, Smita Gohil, Vedant Vashishtha, Sanat K. Kumar* and Guruswamy Kumaraswamy*



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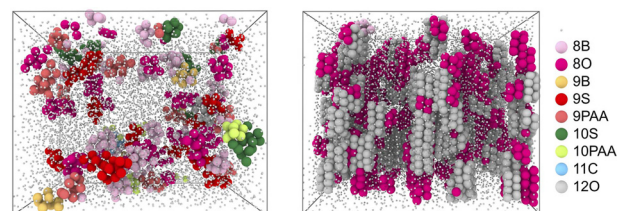


PAPERS

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Tuning higher order structure in colloidal fluids

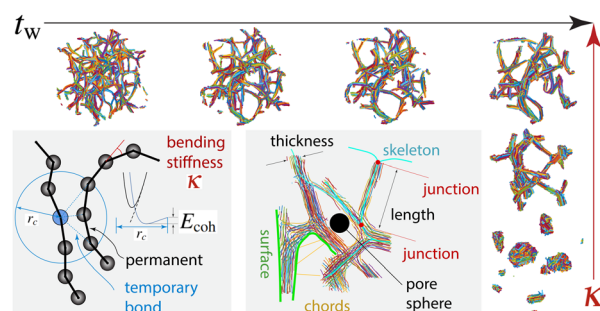
Xiaoyue Wu, Katherine Skipper, Yushi Yang,
Fergus J. Moore, Fiona C. Meldrum and
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Ultra-slow self-similar coarsening of physical fibrillar gels formed by semiflexible polymers

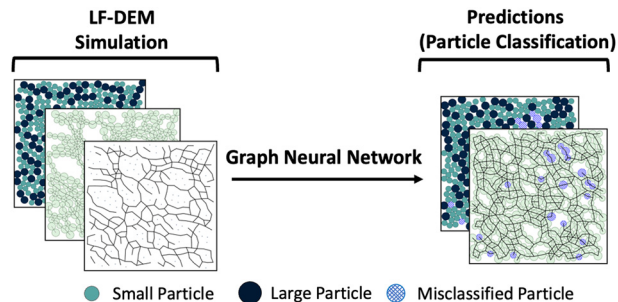
Martin Kröger,* Clarisse Luap* and Patrick Ilg*



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Scalability of a graph neural network in accurate prediction of frictional contact networks in suspensions

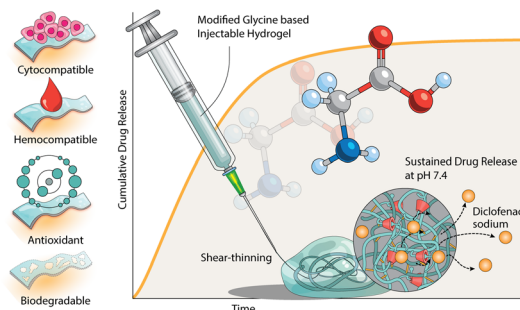
Armin Aminimajd, Joao Maia and Abhinendra Singh*



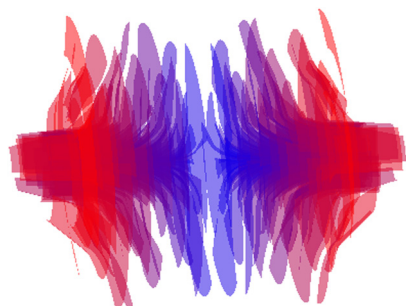
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Functionalized amino acid-based injectable hydrogels for sustained drug delivery

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



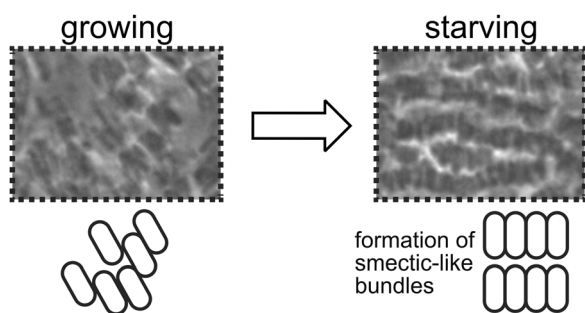
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Fluid mechanics of sarcomeres as porous media

John Severn,* Thomas Vacus and Eric Lauga

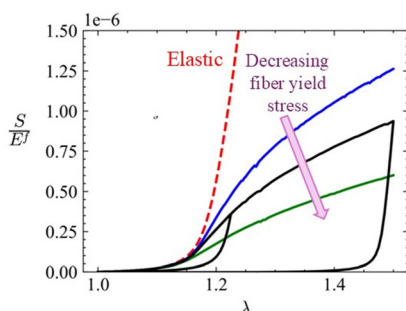
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Smectic-like bundle formation of planktonic bacteria upon nutrient starvation

Takuro Shimaya, Fumiaki Yokoyama and Kazumasa A. Takeuchi*

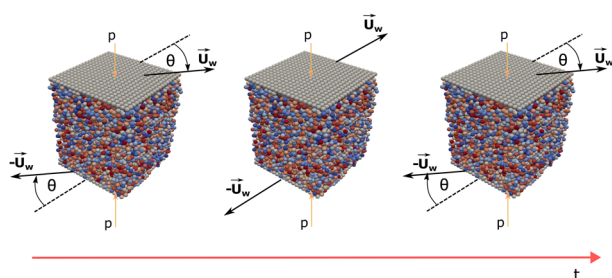
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Nonlinear behavior of stochastic athermal fiber networks with elastic-plastic fibers

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

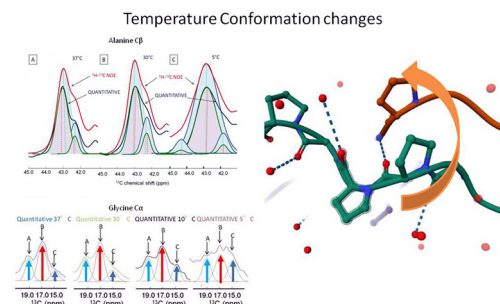
Eduardo Rojas* and Ken Kamrin*



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

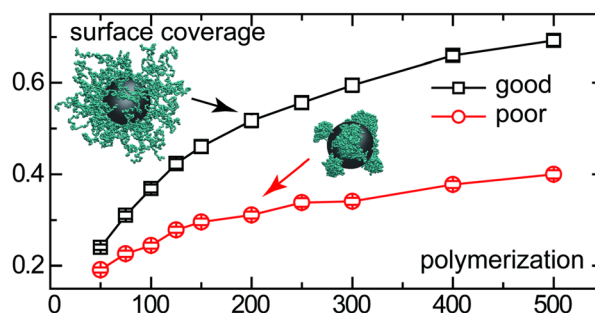
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How to estimate the surface coverage of polymer grafted planar substrates and spherical nanoparticles

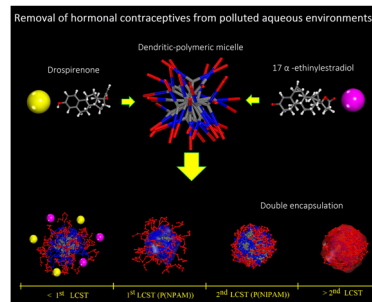
Cheng-Wu Li,* Holger Merlitz and Jens-Uwe Sommer



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Mesoscopic study of smart dendritic-polymeric micelles for the removal of hormonal contraceptives from polluted aqueous environments

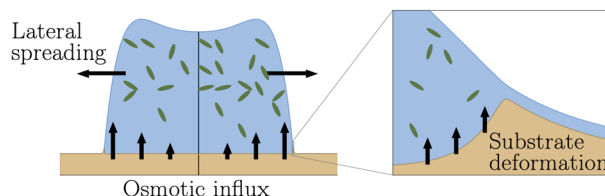
César Soto-Figueroa, Tomas Galicia-Garcia, Armando Sebastián Pérez-Rodríguez, María del Rosario Rodríguez-Hidalgo* and Luis Vicente



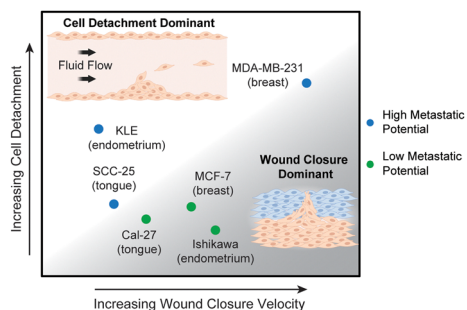
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The role of substrate mechanics in osmotic biofilm spreading

Anthony Pietz, Karin John and Uwe Thiele*



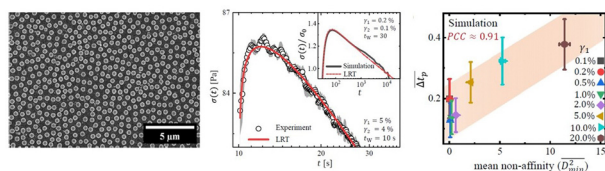
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Functional assessment of migration and adhesion to quantify cancer cell aggression

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

Maitri Mandal, Abhishek Ghadai, Rituparno Mandal and Sayantan Majumdar*

