

Soft Matter

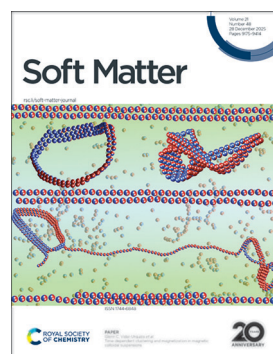
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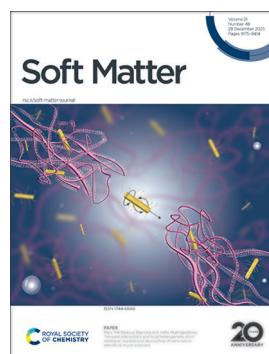
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See Glenn C. Vidal-Urquiza *et al.*, pp. 9183–9202. Image reproduced by permission of Glenn C. Vidal-Urquiza and Polytechnic University of Puerto Rico from *Soft Matter*, 2025, 21, 9183.



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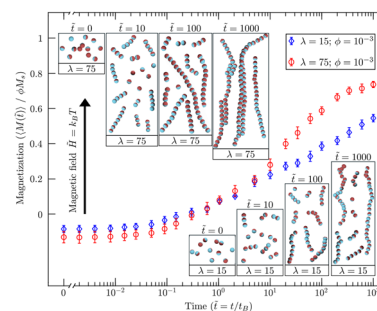
See Mary Mel Balacuit Baynosa and Ashis Mukhopadhyay, pp. 9203–9212. Image reproduced by permission of Mary Mel Balacuit Baynosa and Ashis Mukhopadhyay from *Soft Matter*, 2025, 21, 9203.

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Time-dependent clustering and magnetization in magnetic colloidal suspensions

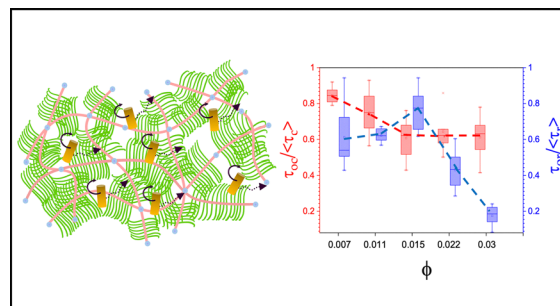
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Transient interactions and local heterogeneity drive rotational–translational decoupling of nanorods in semidilute mucin solutions

Mary Mel Balacuit Baynosa and Ashis Mukhopadhyay*



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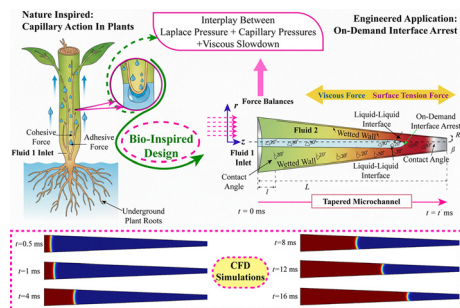
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Wettability-gradient-driven capillary filling dynamics in architected tapered microchannels

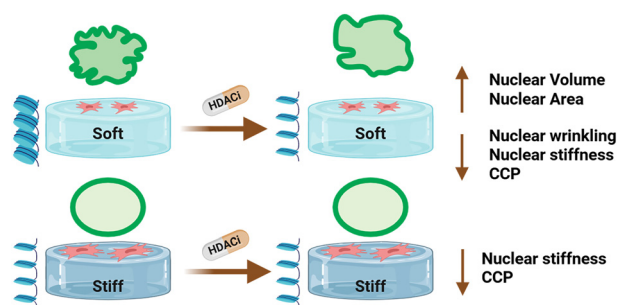
Soumadip Das, Vinod B. Vanarse* and Omkar S. Deshmukh*



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Histone acetylation alters the nuclear morphology and architecture of human mesenchymal stem cells in a rigidity-dependent manner

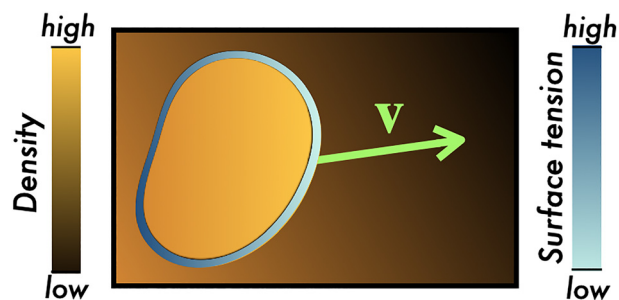
Rohit Joshi,* Darshan Shah, K. V. Venkatesh and Abhijit Majumder*



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Dynamics of phase-separated interfaces in inhomogeneous and driven mixtures

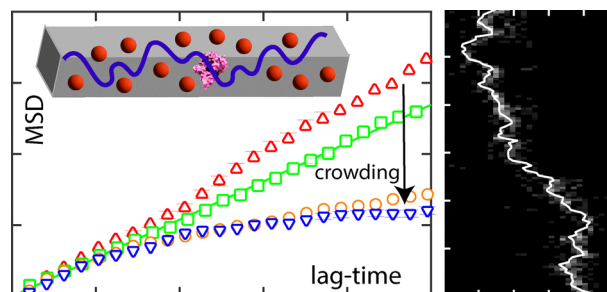
Jacopo Romano,* Ramin Golestanian and Benoît Mahault*



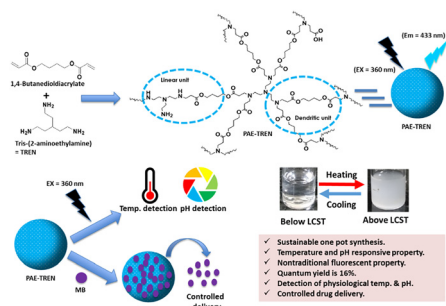
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Facilitated diffusion of restriction enzyme EcoRV along DNA in crowded, confined conditions

Rajib Basak, Chuan Jie Tan, Jeroen A. van Kan, Véronique Arluison, Wolfgang Wende and Johan R. C. van der Maarel*



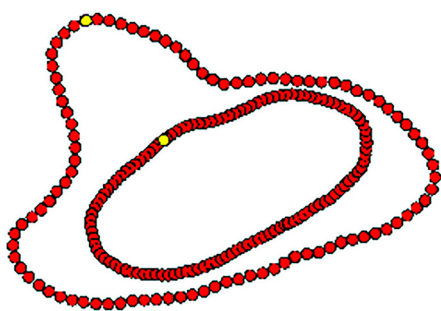
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Dual stimuli-responsive biocompatible fluorescent hyperbranched poly(β -aminoester) for the detection of physiological temperature and pH and controlled delivery

Soumen Ghosh, Aayush Anand and Subrata Chattopadhyay*

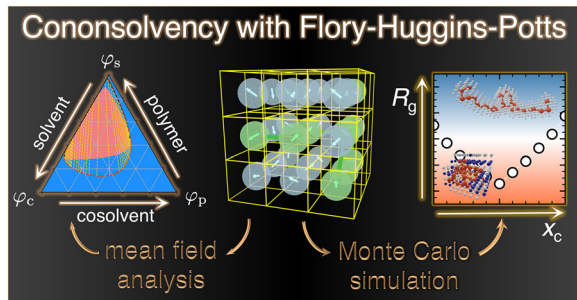
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Dynamical behavior of compound vesicles in wall-bounded shear flow

Antonio Lamura

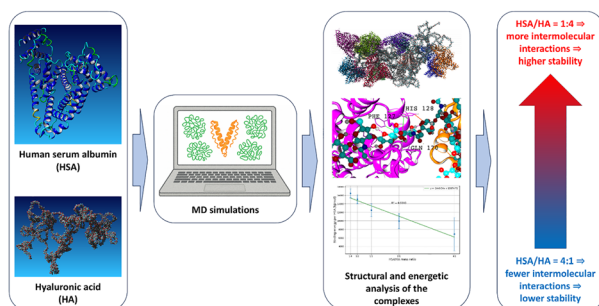
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Role of interaction anisotropy in polymer cononsolvency: insights from the Flory–Huggins–Potts framework

Satyen Dhamankar and Michael A. Webb*

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Molecular dynamics analysis of hyaluronic acid–albumin complexes: effect of the HSA-to-HA ratio on structure and stability

Piotr Bętdowski, Maciej Przybytek,* Sandra Śmigiel, Adam Mazurkiewicz, Damian Bętdowski, Ramith Ramu, Aneta Petelska, Andra Dedinaite and Per M. Claesson

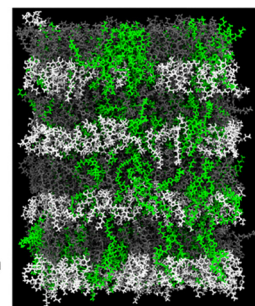
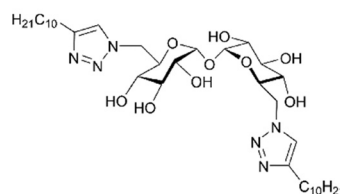


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Remarkable preference for di-substitution in self-assembled glycolipids

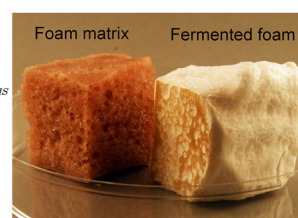
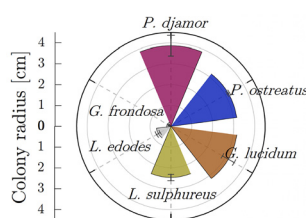
C. Besset, S. Chambert, L. C. Abbott, J. N. Moore, J. W. Goodby, S. J. Cowling* and Y. Queneau*



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Strain, substrate, and matrix selection for controlled growth of wood-fungi

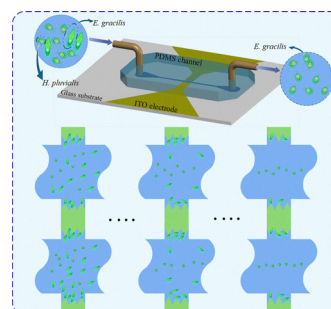
Sophie Hofer, Natalie Nussbaum, Peter Fischer* and Patrick A. Rühls*



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The dielectrophoresis-based chaining and screening of flagellate algae using a serrated bipolar electrode array

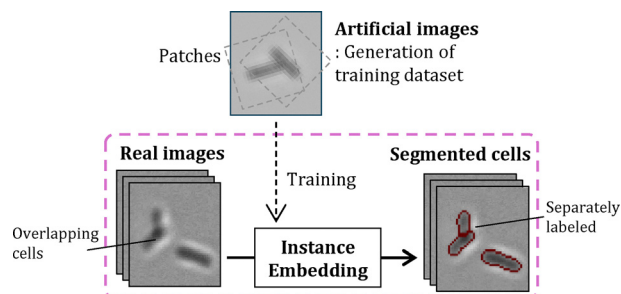
Jishun Shi, Xiaoming Chen,* Fengyin Ke, Ziang Bai, Hongsheng Liu, Hongmin Zhu, Xiang Li, Like Li and Yong Zhao*



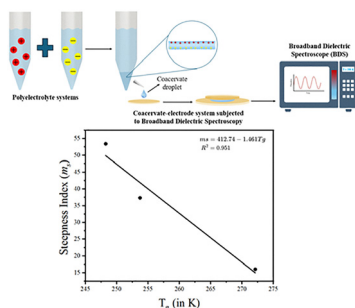
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Tracking of motile bacteria with instance segmentation aided by semi-synthetic image augmentation and quantitative analysis of run-and-tumble motion

Joowang Son, Jungmyung Kim, Joonwoo Jeong and Jaep U. Kim*



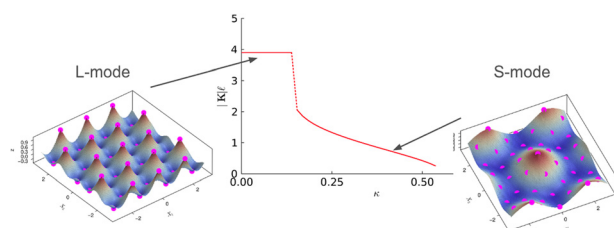
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Glassy dynamics of model complex coacervate films with variable interaction strength quantified by the critical salt concentration

Nehil Shreyash, Maninderjeet Singh, Karan Kumar Paswan, Nour Bader, Mohammad K. Hassan,* Jack F. Douglas,* Gul Zerze* and Alamgir Karim*

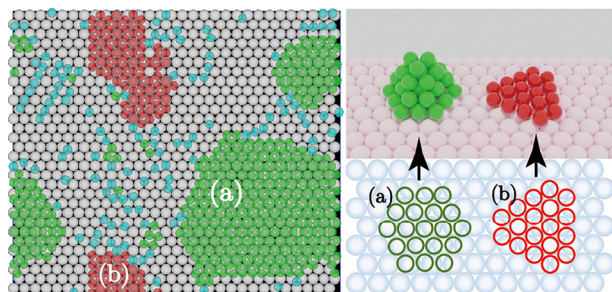
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Instabilities in colloidal crystals on fluid membranes

Sanjay Dharmavaram* and Basant Lal Sharma

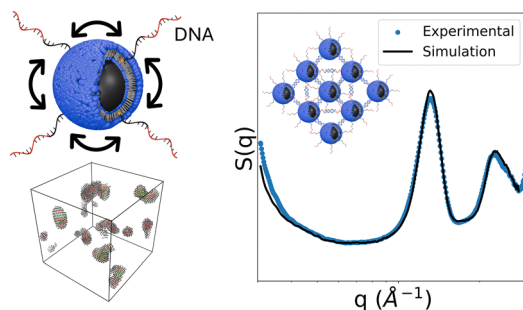
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Change in the pathways of polymorphic transitions during colloidal heteroepitaxy

Masahide Sato* and Jun Nozawa

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Assembly of small silica nanoparticles using lipid-tethered DNA 'bonds'

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