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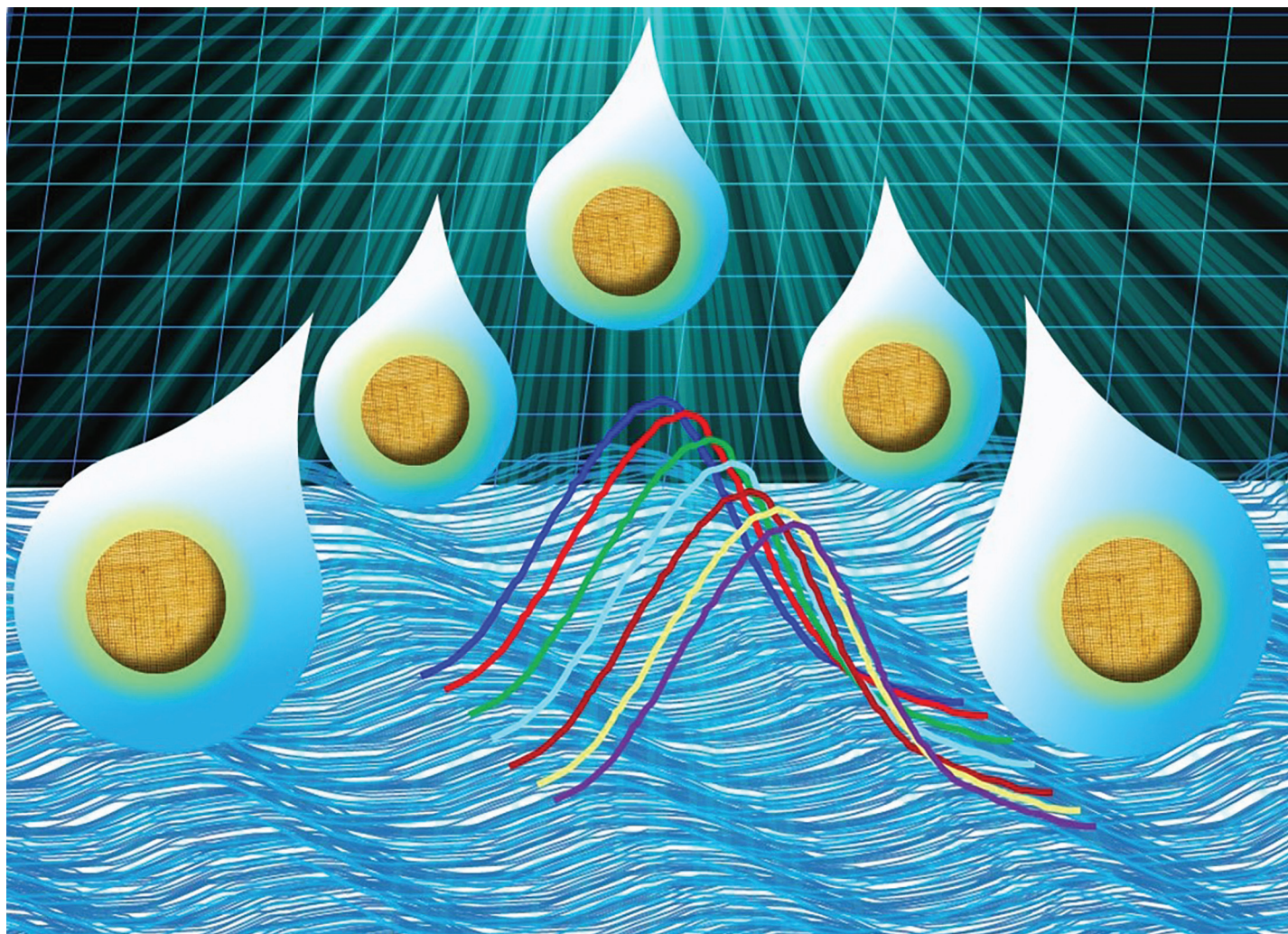
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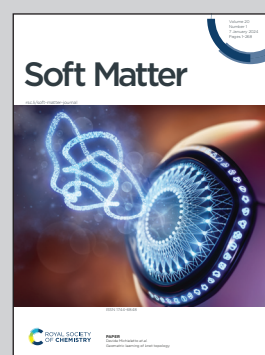


Featuring the research work of Soumen Ghosh and co-workers from the Macromolecular Chemistry and Engineering Research (MCER) Group, led by Dr Subrata Chattopadhyay at Department of Chemistry, Indian Institute of Technology Patna.

Stimuli-directed selective detection of  $\text{Cu}^{2+}$  and  $\text{Cr}_2\text{O}_7^{2-}$  ions using a pH-responsive chitosan-poly(aminoamide) fluorescent microgel in aqueous media

This work demonstrates the development of chitosan-polyaminoamide fluorescent microgels for highly selective detection of both  $\text{Cu}^{2+}$  and  $\text{Cr}_2\text{O}_7^{2-}$  in water.

As featured in:



See Subrata Chattopadhyay *et al.*, *Soft Matter*, 2024, 20, 79.