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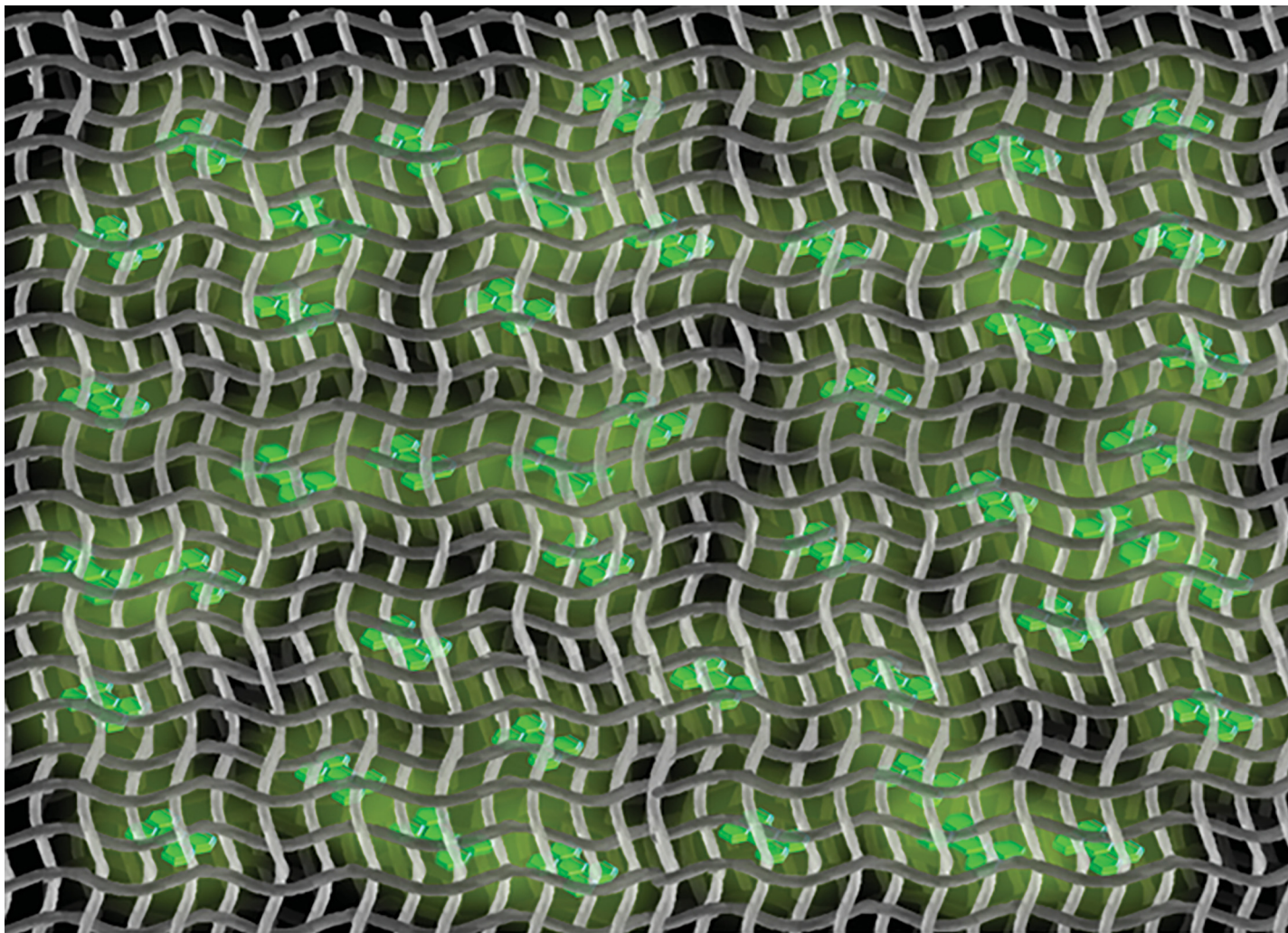
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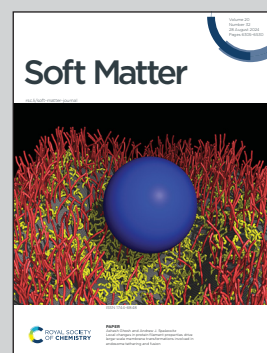


**Showcasing research from Professor Asthana's laboratory,
Ashoka University, Sonapat, Haryana, India.**

**A supramolecular host matrix for preserving fluorescence
in the solid-state**

Polyaromatic dyes that often display high fluorescence quantum yields in dilute solutions suffer from concentration-caused quenching at higher concentrations, and seldom remain fluorescent in solid state. The dispersion of such dyes in the pores of a supramolecular gel matrix of a tetra-cholesteryl-system restores the solid-state fluorescence with sufficiently high quantum yields.

As featured in:



See Deepak Asthana *et al.*,
Soft Matter, 2024, **20**, 6327.