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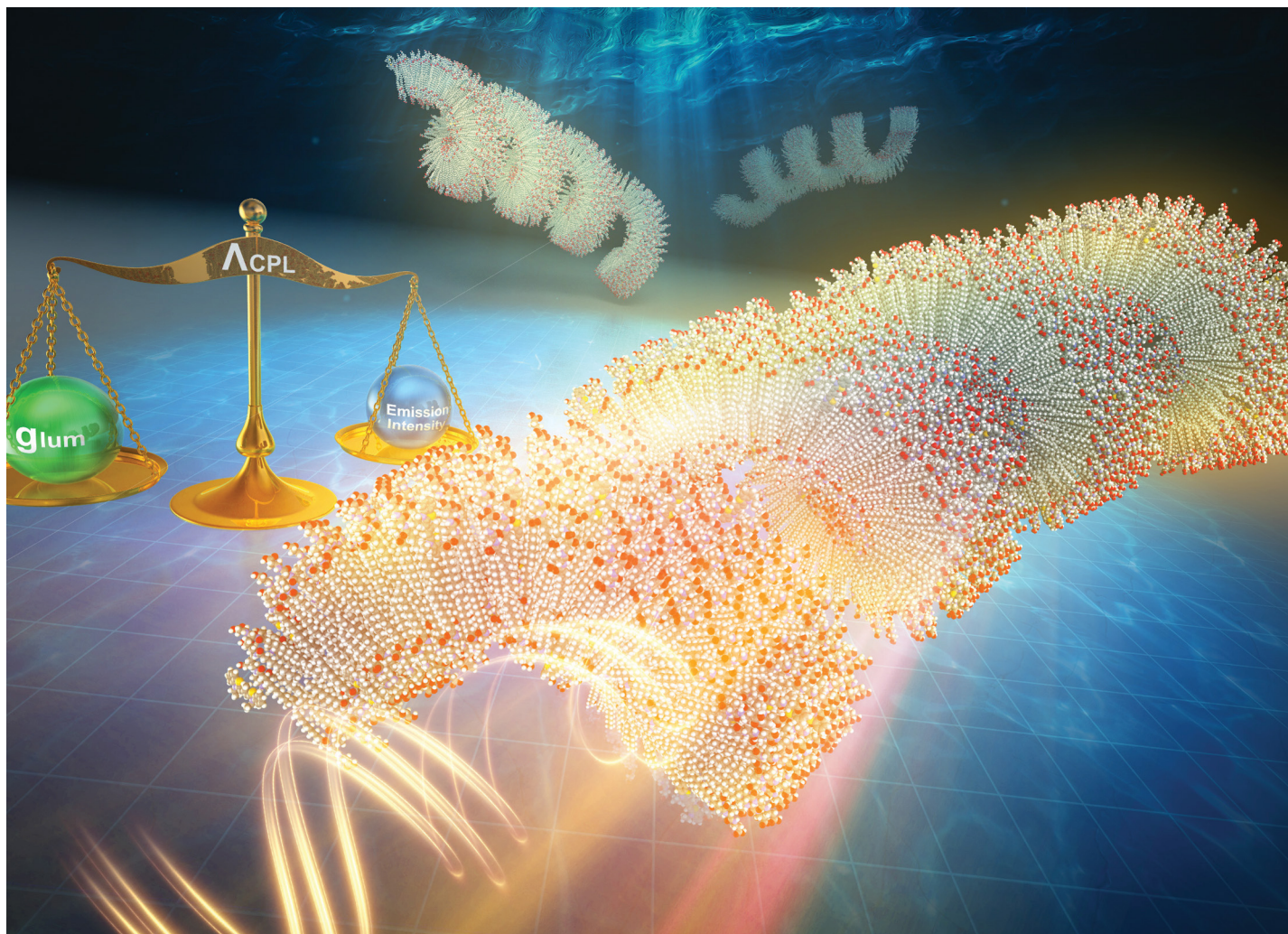


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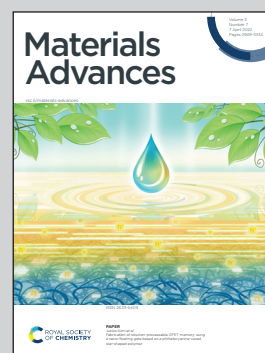


**Showcasing research from Dr Shoji Nagaoka's laboratory,
Materials Development Department, Kumamoto Industrial
Research Institute, Kumamoto, Japan.**

Co-assembling system that exhibits bright circularly
polarized luminescence

We demonstrate that a co-assembling system comprising a nonchiral cyanine dye and an enantiomeric lysine-derived amphiphile assembly shows circularly polarized luminescence with a high dissymmetry factor ($|g_{lum}| = 0.14$) in combination with strong emission (quantum yield $\phi = 0.70$, absorption coefficient $\epsilon = 3.7 \times 10^5 \text{ M}^{-1} \text{ cm}^{-1}$). The circular polarization luminosity of the main transition band was calculated as 4.9×10^{-2} .

As featured in:



See Naoya Ryu, Shoji Nagaoka *et al.*,
Mater. Adv., 2022, **3**, 3123.