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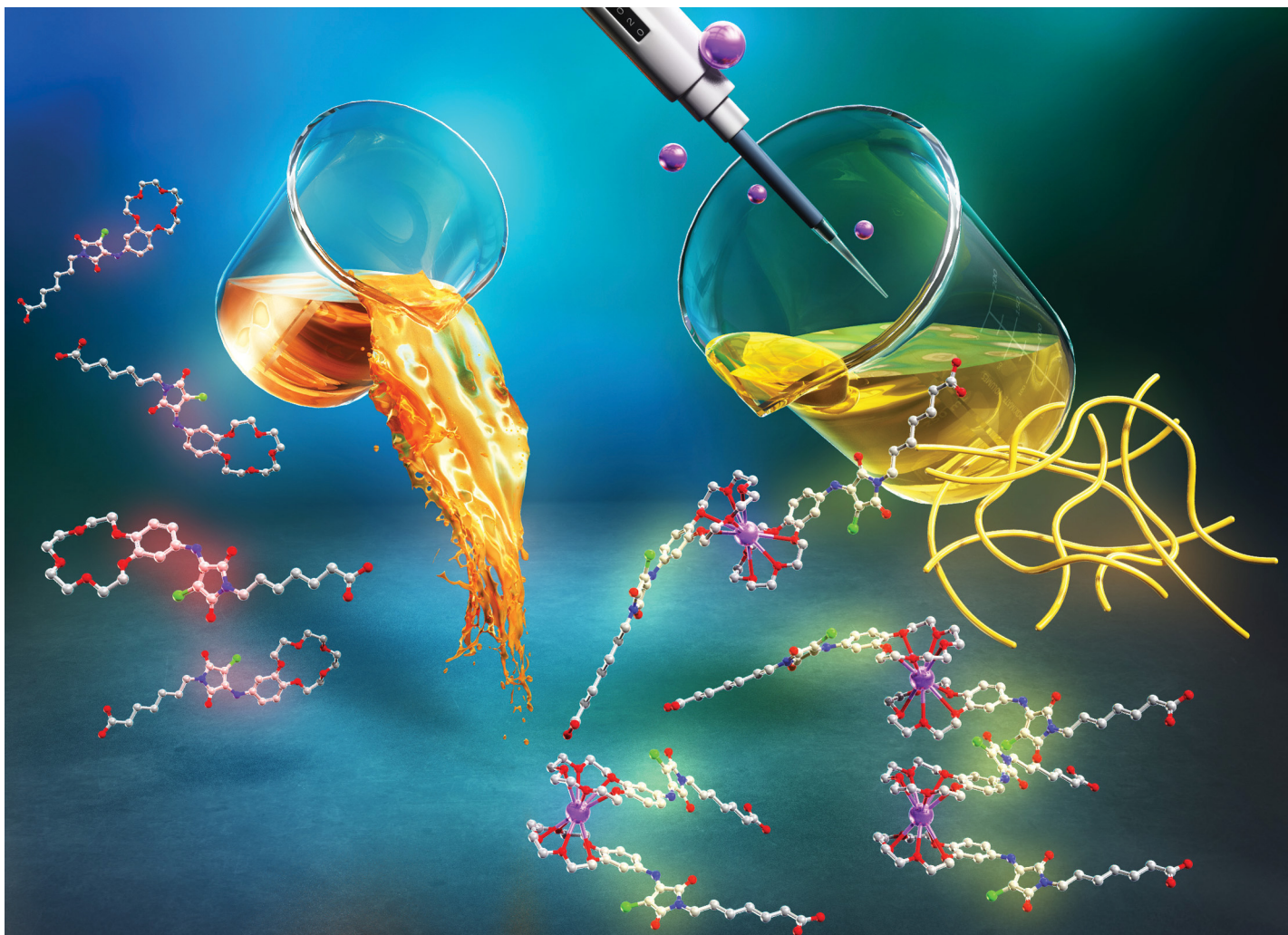
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**Highlighting research from Ochi's laboratory,
Kochi University, Japan.**

A 15-crown-5-ether-based supramolecular hydrogel with selection ability for potassium cations *via* gelation and colour change

We developed a benzo-15-crown-5-ether (B15C5)-based supramolecular hydrogel, which exhibits colour change and gelation in response to the colourless potassium cation (K^+) *via* sandwich complexation of B15C5/ K^+ /B15C5.

Special thanks to Mr Takashi Tsujino for the creation of the cover image.

As featured in:



See Rika Ochi *et al.*,
Soft Matter, 2024, **20**, 8170.