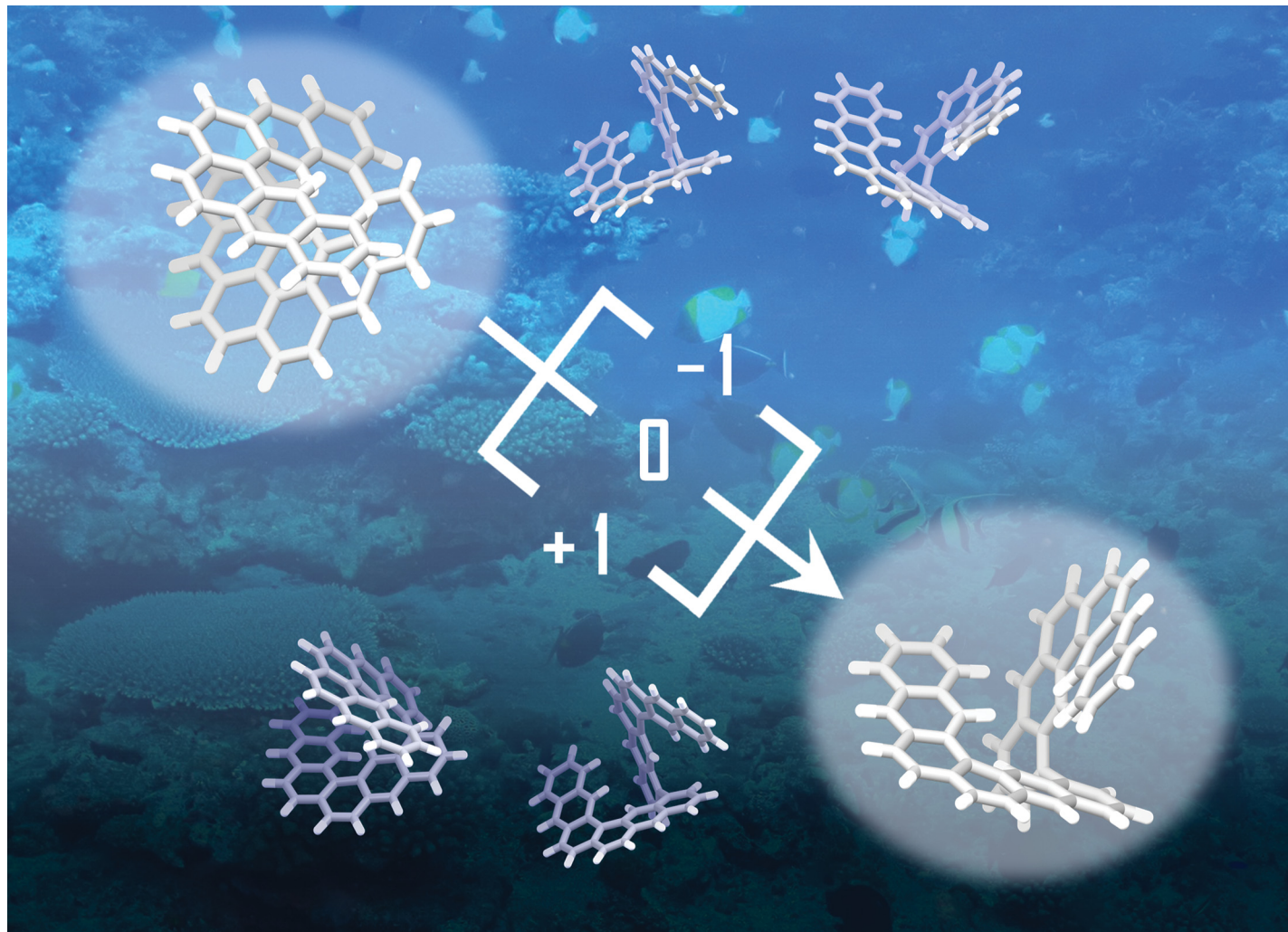




Showcasing research from the laboratories of Professor Fukuhara and Professor Toyota, Department of Chemistry, Institute of Science Tokyo, Japan

Pseudohelicene chemosensor displaying ternary signaling stimulated by hydrostatic pressure and solvent

We discovered a serendipitous chemosensor ($[2]HA_2$) that outputs three dimensional signals (1/0/-1) by responding to two external stimuli – hydrostatic pressure and solvent. This smart feature of $[2]HA_2$ opens up a novel avenue for multi dimensionally controllable chemosensing systems.

As featured in:



See Shinji Toyota,
Gaku Fukuhara *et al.*,
Chem. Commun., 2025, **61**, 1124.