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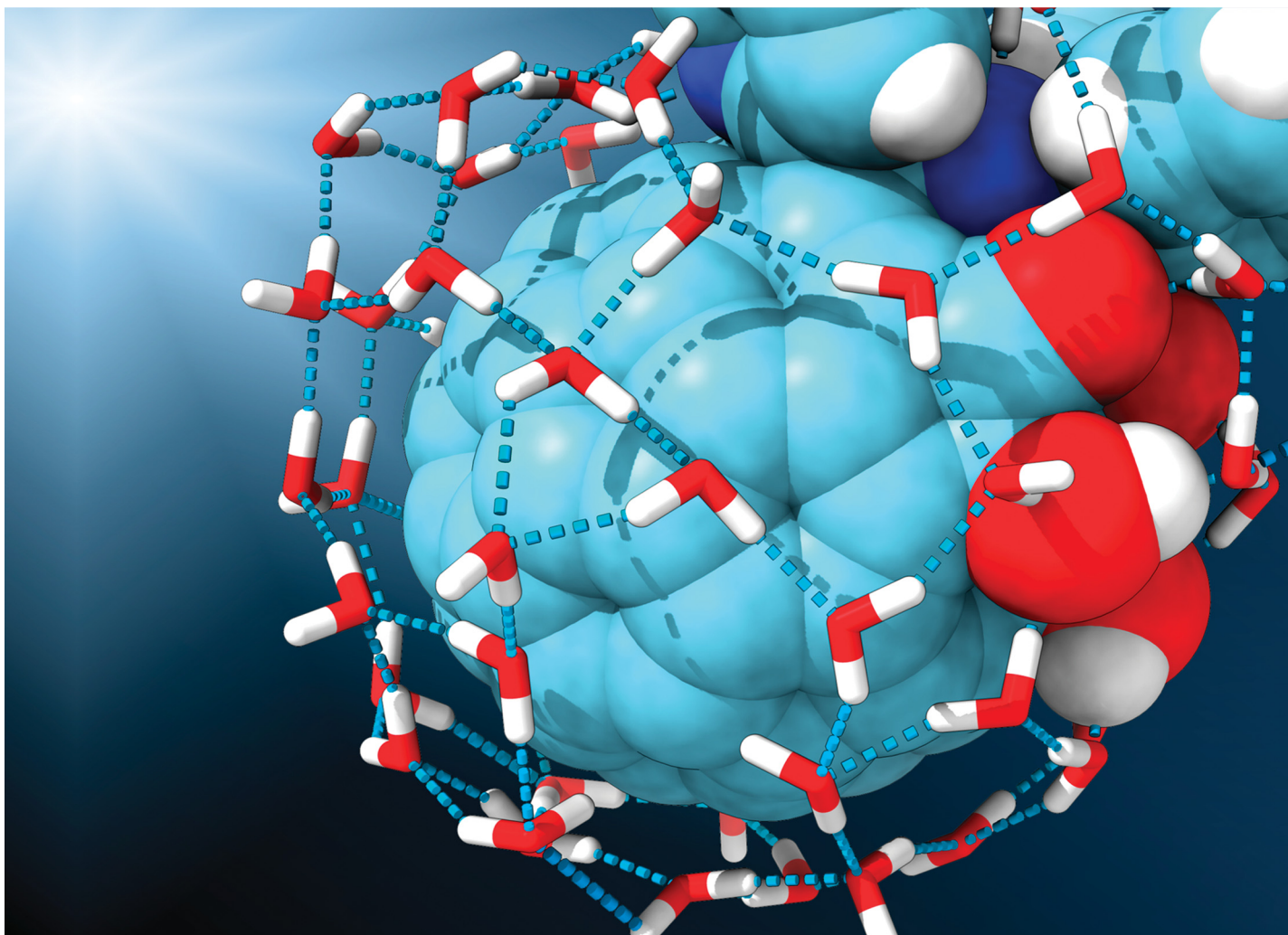
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Showcasing research from Professor Yasujiro Murata's laboratory, Institute for Chemical Research, Kyoto University, Kyoto, Japan.

Open-[60]fullerenols with water adsorbed both inside and outside

Water's adsorptive ability toward the external sphere of an open-[60]fullerenol was found to be considerably altered by internal single-water adsorption within the [60]fullerene cavity. Reflecting the electron deficiency of [60]fullerenols, aggregated water became acidic as confirmed by synchrotron IR spectroscopically.

As featured in:



See Yoshifumi Hashikawa,
Yasujiro Murata *et al.*,
Chem. Commun., 2024, **60**, 1261.