

MINAMI LAB. [Applied Supramolecular Chemistry]

Department of Materials and Environmental Science

Supramolecular Materials Design

Department of Chemistry & Biotechnology

Department of Advanced Interdisciplinary Studies

http://www.tminami.iis.u-tokyo.ac.jp/en/



Our group is interested in "applied" supramolecular chemistry. While previous work in the field of supramolecular chemistry centered mostly on fundamental research, current developments suggest that chemistry is well poised to make significant contributions to various research fields. In particular, supramolecular sensors for biologically important species or pollutants are some of the most promising applications of molecular recognition materials. To be harnessed for rigorous analytical assignments, our research centers on the molecular design and synthesis of materials as well as the fabrication of devices.



