

## Yoshizawa–Sawada Lab

## **Creation of Supramolecular Nanotools**

Molecular Synthesis Division, Laboratory for Chemistry and Life Science

http://www.res.titech.ac.jp/~smart/nspace\_e.html

- Creation of New Supramolecular Nanospaces
- Design of Rigid Aromatic / Flexible Peptidic Nanospaces
- Molecular Recognition & Reactions in Water



Our laboratory aims to create new supramolecular tools, which are well-defined nanospaces surrounded by multiple aromatic ring panels or metal–peptide chains. We have successfully created a variety of excellent aromatic nanospaces and unique higher-order peptide nanostructures by using self-assembling strategies of simple and easy-to-synthesize molecular parts.

