

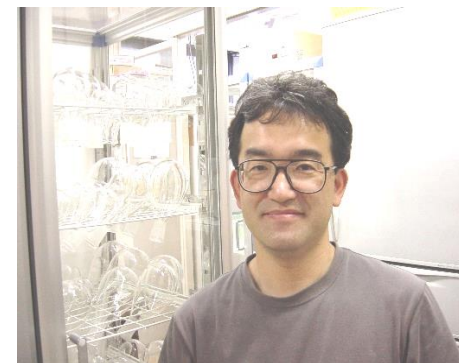
Name: Takashi Arimura

Expertise: Synthetic Organic Chemistry;
Supramolecular Chemistry

Affiliation:

Interdisciplinary Research Center for Catalytic Chemistry
National Institute of Advanced Industrial Science and Technology (AIST)

URL: <http://irc3.aist.go.jp/english/>



Research Theme in This Project:

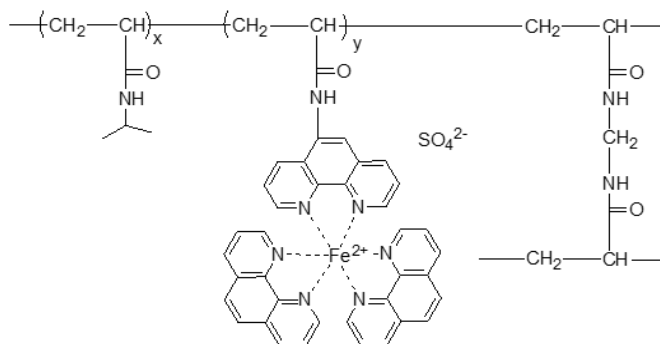
Molecular and material design of novel reaction filed for which dynamical structure change can be triggered by specific stimuli, development of gel actuator by applied rheology

Main Research Results, Publications:

Main research tends to be highly interdisciplinary in nature, involving at times elements of inorganic chemistry, biochemistry, and synthetic organic chemistry.

Recent focus is considered to be in the business of "Molecular Robotics" in that our research involves the design and construction of molecules carefully tailored so as to accomplish a specific objective, say Molecular Slime Mold.

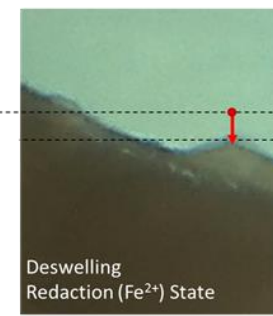
- A self-oscillating gel actuator driven by ferriin
Chem. Commun. 2014, **50**, 5861–5863.



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Recent Activities (hobbies, etc.): Chat with my family (sort of one way), ragtime guitar, versys650