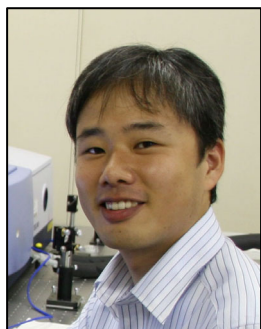


## Yuji FURUTANI



**Associate Professor, Department of Life and Coordination-Complex Molecular Science, Institute for Molecular Science**

【E-mail】 furutani@ims.ac.jp

【Speciality】 Biophysical chemistry

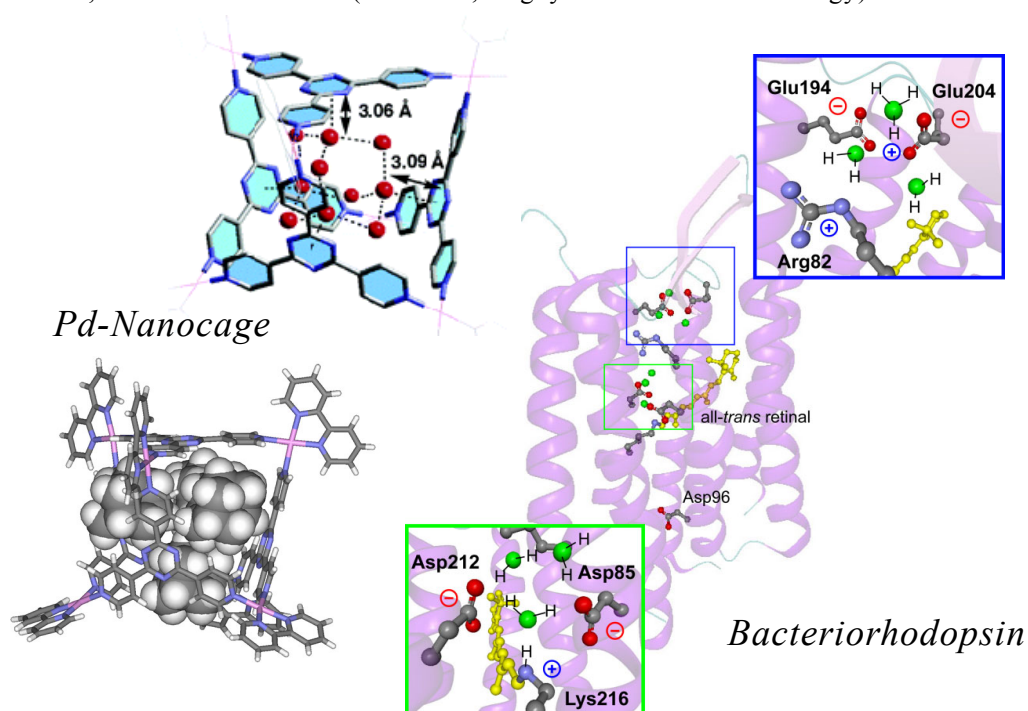
【Keywords】 Infrared spectroscopy, light-induced electron transfer, water cluster

### 【Research Subject】

Spectroscopic Analysis of Specific Photochemical Reactions in an Isolated Nanospace Formed by a Well-Designed Organo-Metal Complex.

### *Research Group Activity*

- Time-Resolved Infrared Spectroscopy of Pd-Nanocage  
Member; Makoto FUJITA (Professor, The University of Tokyo)
- Time-Resolved Infrared Spectroscopy of Rhodopsins  
Member; Hideki KANDORI (Professor, Nagoya Institute of Technology)



Molecular and Water Clusters inside a Well-Designed Organo-Metal Complex Forming an Isolated Nanospace, which Mimics Protein Cavities