

Symposia

East Asian symposium: Frontiers of single-molecule biophysics

Organizers : Yasushi Sako (RIKEN) , Ming Li (Chinese Academy of Sciences), Jie Yan (National Univ. of Singapore) , Tae-Young Yoon (Seoul Univ.)

China-Japan Joint Symposium: Cryo electron microscopy

Organizers : Toshiya Senda (High Energy Accelerator Research Organization) ,
Zhenfeng Liu (Chinese Academy of Science)

Taiwan-Japan biophysics symposium on molecular motors *in vivo*

Organizers : Chien-Jung Lo (National Central Univ.) , Kumiko Hayashi (Tohoku Univ.)

Theoretical morphodynamics - towards understanding emerging shapes of life

Organizers : Satoshi Sawai (The Univ. of Tokyo) , Yasuhiro Inoue (Kyoto Univ.)

Challenges and novel approaches to investigate the structures and dynamics of the 3D active sites in biomolecular systems for understanding the biochemical functions

Organizers : Yu Takano (Hiroshima City Univ.) , Hiroshi Sekiguchi (JASRI)

Mechanobiology from molecules to tissues: various physical stimuli and its response system

Organizers : Satoshi Arai (Waseda Univ.) , Yuji Hara (Kyoto Univ.)

Geometric cell biology: Uncovering self-organization mechanisms of ordered dynamics and cellular functions by spatio-temporal perturbation

Organizers : Yusuke T. Maeda (Kyushu Univ.) , Makito Miyazaki (Kyoto Univ.)

Dive into Brain Abyss by Optogenetics

Organizers : Hiroshi Watanabe (The Univ. of Tokyo) , Hideki Kandori (Nagoya Inst. of Technol.)

Ingenious mechanisms behind promiscuous recognition, in contrast to precise recognition, by protein molecules

Organizers : Daisuke Kohda (Kyushu Univ.) , Tomoya Tsukazaki (NAIST)

Regulation of the signal transduction in cell membrane via localization and clustering of receptors

Organizers : Kenichi Morigaki (Kobe Univ.) , Kenichi Suzuki (Gifu Univ.)

New trends in bioanalysis based on single molecule biophysics

Organizers : Rikiya Watanabe (The Univ. of Tokyo) , Toru Komatsu (The Univ. of Tokyo)

Autonomy integrated in motility systems

Organizers : Taro Q.P. Uyeda (Waseda Univ.) , Tohru Minamino (Osaka Univ.)

The function and mechanism of intramolecular information-transmission in protein

Organizers : Naoyuki Miyashita (KINDAI Univ.) , Yasushige Yonezawa (KINDAI Univ.)

Interdisciplinary Science and Engineering in Health Systems

Organizers : Toru Ide (Okayama Univ.) , Tohru Hayakawa (Okayama Univ.)

Artificial cell research in era of synthetic genome

Organizers : Hiroyuki Noji (The Univ. of Tokyo) , Daisuke Kiga (Waseda Univ.)

Basis for Supporting Innovative Drug Discovery and Life Science Research (BINDS)

Organizers : Tanokura Masaru (The Univ. of Tokyo) , Yura Kei (Waseda Univ.)

Keynote of mechanosignal response for the future of mechanobiology

Organizers : Masatoshi Morimatsu (Okayama Univ.) , Naotaka Nakazawa (Kyoto Univ.)

Developments and future of piocobiology

Organizers : Satoru Nakashima (Univ. of Hyogo) , Yasuhisa Mizutani (Osaka Univ.)

Mechanism of Biomolecular Dynamics and Function revealed by Multiscale Physics

Organizers : Hidetoshi Kono (QST) , Terada Tohru (The Univ. of Tokyo)

The new fertile land of photobiology opened in genomic era

Organizers : Keiichi Inoue (Nagoya Inst. of Technol.) , Takahiro Yamashita (Kyoto Univ.)

Designing biological systems from scratch

Organizers : Hisashi Tadakuma (Osaka Univ.) , Ken'ya Furuta (NICT)

New approaches to protein reaction dynamics pioneered by X-ray free electron lasers and interdisciplinary collaborations

Organizers : Minoru Kubo (RIKEN) , Eriko Nango (RIKEN)

Structural and operating principles of photosynthetic reaction centers: whether quinone is essential or not

Organizers : Hirozo Oh-oka (Osaka Univ.) , Chihiro Azai (Ritsumeikan Univ.)

Reconstruction of biological functions for sensing methods and device applications

Organizers : Ryugo Tero (Toyohashi Univ. of Technol.) , Ayumi-Hirano Iwata (Tohoku Univ.)

Mechanical self-organization in cellular morphogenesis

Organizers : Fumio Motegi (Temasek Lifesciences Lab.) , Shuichi Onami (RIKEN)

Multiple Approaches for Analyses of Protein Complexes -Methods and Applications-

Organizers : Tadayuki Ogawa (The Univ. of Tokyo) , Hironari Kamikubo (NAIST)

Cutting edge of diversity and light-dependent function of photolyase/cryptochrome superfamily

Organizers : Junpei Yamamoto (Osaka Univ.) , Daichi Yamada (Nagoya Inst. of Technol.)

Physical force in the life

Organizers : Keiji Naruse (Okayama Univ.) , Atsushi Higashitani (Tohoku Univ.)

New horizon of Structural Life Science

Organizers : Atsushi Nakagawa (Osaka Univ.) , Toshiyuki Shimizu (The Univ. of Tokyo)

Novel concepts of chemical senses

Organizers : Hiroo Imai (Kyoto University) , Atsuko Yamashita (Okayama Univ.)

Singularity biology

Organizers : Takeharu Nagai (Osaka Univ.) , Kazuki Horikawa (Tokushima Univ.)

From the elephant to *E. coli*- is it all the same?

Organizers : Daisuke Nakane (Gakushuin Univ.) , Seiji Kojima (Nagoya Univ.)

"Metallodynamics" in Microorganisms and its Various Applications

Organizers : Yoshiaki Furukawa (Keio Univ.) , Takehiko Tosha (RIKEN)

Single Particle Analysis of Biological Molecules to Study Dynamics and Functions

Organizers : Osamu Miyashita (RIKEN) , Kenji Iwasaki (Okayama Univ.)

Biophysics of light-energy conversion: To what extent has the mechanism of photosynthesis been clarified?

Organizers : Michi Suga (Okayama Univ.) , Takumi Noguchi (Nagoya Univ.)
