

Poster List

- P01 Phamret: An efficient highlighter of fluorescent protein based on photoconversion-mediated resonance energy transfer for cell biological studies
Tomoki Matsuda, Atsushi Miyawaki and Takeharu Nagai (Hokkaido Univ, RIKEN)
- P02 Structural Characterization of PABP Multimerization on Poly(A) Tail
Shunsuke Imai, Masanori Osawa, Shin-ichi Hoshino, Toshiaki Katada and Ichio Shimada (Univ. of Tokyo, Nagoya City Univ., National Institute of Advanced Industrial Science and Technology)
- P03 NMR analyses of interactions between CD44 and anti-CD44 monoclonal antibody, IM7
Ryo Umemoto, Shinji Ogino, Mitsuhiro Takeda, Kazuki N. Sugahara, Haruko Hayasaka, Masayuki Miyasaka, Hiroaki Terasawa, and Ichio Shimada (Univ. of Tokyo, Japan Biological Informatics Consortium, Osaka University, National Institute of Advanced Industrial Science and Technology)
- P04 Structure of Archaeal Initiation Factor aIF2 β complex: Implication of the β subunit in GTPase Activation
Masaaki Sokabe, Min Yao, Naoki Sakai, Shingo Toya and Isao Tanaka (Hokkaido Univ.)
- P05 Reaction mechanism of bacterial Glu-tRNA^{Gln}-dependent amidotransferase
Akiyoshi Nakamura, Min Yao, Sarin Chimnaronk, Naoki Sakai and Isao Tanaka (Hokkaido Univ.)
- P06 Solution structure of DNA-binding units of FMBP-1 and the role of the four units in DNA-binding
Shin Saito, Tomoyasu Aizawa, Takuya Yokoyama, Masakatsu Kamiya, Yasuhiro Kumaki, Mineyuki Mizuguchi, Sigeharu Takiya, Makoto Demura, Keiichi Kawano (Hokkaido Univ., Univ. of Toyama)
- P07 Trimer-monomer conversion of GPCR model protein, halorhodopsin
Takanori Sasaki, Megumi Kubo, Masakatsu Kamiya, Tomoyasu Aizawa, Keiichi Kawano, Naoki Kamo and Makoto Demura (Hokkaido Univ.)
- P08 Dynamic recognition of mitochondrial presequences by Tom20
Takashi Saitoh, Mayumi Igura, Rieko Kojima, Takayuki Obita, Katsumi Maenaka, Daisuke Kohda (Kyushu Univ.)
- P09 The crystal structure of Cel44A
Yu Kitago, Shuichi Karita, Nobuhisa Watanabe, Kazuo Sakka and Isao Tanaka (Hokkaido Univ., Mie Univ.)
- P10 Structural Characterization of the Electron Transfer Complex between Cytochrome c and Cytochrome c Oxidase by NMR
Koichi Sakamoto, Kyoko Shinzawa-Itoh, Shinya Yoshikawa, Koichiro Ishimori (Hokkaido Univ., Univ. of Hyogo)
- P11 In-Cell NMR Spectroscopy of Proteins inside *Xenopus laevis* Oocytes
Tomomi Sakai, Hidehito Tochio, Takeshi Tenno, Yutaka Ito, Tetsuro Kokubo, Hidekazu Hiroaki, and Masahiro Shirakawa (Yokohama City Univ., Kyoto Univ., Tokyo Metropolitan Univ., CREST, JST, RIKEN)
- P12 Real-time live imaging of biological responses to environmental stress
Derek B. Goto, Kenta Saito, Tomoki Matsuda, Tomomi Tani, Takeharu Nagai (Hokkaido Univ.)
- P13 SUMO-3 (Small Ubiquitin-like Modifier-3) Recognition by a SUMO binding motif
Naotaka Sekiyama, Toshihito Saitoh, Takahisa Ikegami, Hidehito Tochio, Masahiro Shirakawa (Kyoto Univ., Kumamoto Univ., Osaka Univ.)
- P14 Application of the wheat germ cell-free protein synthesis system to structural studies on membrane bound proteins
Masato Shimizu, Koichi Akiyama, Eugene Hayato Morita (Ehime Univ.)
- P15 Structural basis for transforming activity of human cancer related signaling adaptor protein Crk
Yoshihiro Kobashigawa, Mieko Sakai, Masato Naito, Masashi Yokochi, Hiroyuki Kumeta, Yoshinori Makino, Kenji Ogura, Shinya Tanaka, Fuyuhiko Inagaki (Hokkaido Univ., JSPS, Protein3000)

- P16 Efficient method for protein phosphorylation by artificially introduced cognate binding modules into kinases and substrates
Masato Naito, Yoshihiro Kobashigawa, Fuyuhiko Inagaki (Hokkaido Univ., JSPS, Protein3000)
- P17 Specific Binding of Carbon Monoxide to Tetraheme Cytochrome c3 and Invitation to BMRB Deposition
Yuki Takayama, Yukiko Kobayashi, Naoki Yahata, Takashi Saitoh, Hiroshi Hori, Takahisa Ikegami, Hideo Akutsu (Osaka Univ., Japan Science and Technology Agency)
- P18 NMR analysis of β subunit conformation in subcomplexes of F1-ATP synthase from thermophilic Bacillus PS3
Masumi Kobayashi, Hiromasa Yagi, Toshio Yamazaki, Masasuke Yoshida, and Hideo Akutsu (Osaka Univ., RIKEN, Tokyo Institute of Technology)
- P19 Solution structure of RIG-I C-terminal CARD
Natsuko Tsuzuki, Kiyohiro Takahashi, Masataka Horiuchi, Yuko Fujioka, Hiroyuki Kumeta, Kenji Ogura, Takashi Fujita, Fuyuhiko Inagaki (Hokkaido Univ., Kyoto Univ.)
- P20 Crystal structure of p40phox, a regulatory subunit of phagocyte NADPH oxidase
Kazuya Honbou, Reiko Minakami, Satoru Yuzawa, Ryu Takeya, Nobuo N. Suzuki, Sachiko Kamakura, Hideki Sumimoto, Fuyuhiko Inagaki (Hokkaido Univ., Kyushu Univ., CREST, Japan Science and Technology Agency)
- P21 Structural Basis of Atg Conjugation Systems: Crystal Structures of Saccharomyces cerevisiae Atg3 and Atg5/Atg16 complex
Nobuo N. Suzuki, Minako Matsushita, Yuya Yamada, Yuko Fujioka, Keisuke Obara, Takao Hanada, Yoshinobu Ichimura, Yoshinori Ohsumi, and Fuyuhiko Inagaki (Hokkaido Univ., National Institute for Basic Biology)
- P22 Crystal structure of human Atg4B-LC3 complex
Kenji Sato, Nobuo N. Suzuki, Kenji Sugawara, Yuko Fujioka, Noboru Mizushima, Yoshinori Ohsumi, and Fuyuhiko Inagaki (Hokkaido Univ., National Institute for Basic Biology, Tokyo Metropolitan Institute of Medical Science, Japan Science and Technology Agency)
- P23 Olivia: a workflow tool in solution protein NMR
Masashi Yokochi, Yoshihiro Kobashigawa, Shinji Sekiguchi and Fuyuhiko Inagaki (Hokkaido Univ.)
- P24 Rapid Acquisition of Protein NMR spectra using Projection Reconstruction method
Shinji Sekiguchi, Eriks Kupce, Masashi Yokochi, Fuyuhiko Inagaki (Hokkaido Univ., Varian, Ltd)
- P25 Structural and functional implication of a cell polarity regulator, an aPKC and Par6 PB1 domain complex
Y. Hirano, S. Yoshinaga, R. Takeya, N.N. Suzuki, M. Horiuchi, M. Kohjima, H. Sumimoto, F. Inagaki (Hokkaido Univ., Kumamoto Univ., Kyushu Univ.)
- P26 X-ray crystal structure of phosphorylated IRF-3 and its functional implications
Kiyohiro Takahashi, Masataka Horiuchi, Yuko Fujioka, Hiromi Sakakibara, Nobuo N. Suzuki, Takashi Fujita, Fuyuhiko Inagaki (Hokkaido Univ., Kyoto Univ.)
- P27 NMR Solution Structure of the Tandem Src Homology 3 Domains of p47phox Complexed with a p22phox-derived Proline-rich Peptide
Kenji Ogura, Ikuo Nobuhisa, Satoru Yuzawa, Ryu Takeya, Shinnosuke Torikai, Kazuya Saikawa, Hideki Sumimoto and Fuyuhiko Inagaki (Hokkaido Univ., Kyushu Univ., CREST, Japan Science and Technology Agency)
- P28 Crystal structure of Aminopeptidase I, the major cargo protein of the Cvt pathway.
Wakana Adachi, Nobuo N. Suzuki, Yuko Fujioka, Kuninori Suzuki, Yoshinori Ohsumi and Fuyuhiko Inagaki (Hokkaido Univ., National Institute for Basic Biology)
- P29 Structure of Tob-hCaf1, a complex of a novel mammalian antiproliferative protein and poly (A)-specific deadenylase
Masataka Horiuchi, Nobuo N Suzuki, Nobuyuki Muroya, Kiyohiro Takahashi, Takahisa Nakamura, Junko Kawamura-Tsuzuku, Tadashi Yamamoto and Fuyuhiko Inagaki (Hokkaido Univ., Univ. of Tokyo)
- P30 Solution structure of the NIPP1 FHA domain
Hiroyuki Kumeta, Kenji Ogura, Yuko Fujioka, Soichiro Adachi, Nobuhiro Tanuma, Kunimi Kikuchi, and Fuyuhiko Inagaki (Hokkaido Univ.)