

Overview 2006

- [46] "Repetitive Interactions Observed in the Crystal Structure of a Collagen-Model Peptide, [(Pro-Pro-Gly)₉]₃"
K. Okuyama, C. Hongo, K. Noguchi, Y. Tanaka, N. Nishino
The Journal of Biochemistry, **138**, (2005), 135-144
- [47] "Observation of the Transient Rotator Phase of *n*-Hexadecane in Emulsified Droplets with Time-Resolved Two-Dimensional Small- and Wide-Angle X-Ray Scattering"
Y. Shinohara, N. Kawasaki, S. Ueno, I. Kobayashi, M. Nakajima, Y. Amemiya
Physical Review Letters, **94**, (2005), 097801
- [48] "Structure of the Blue Cornflower Pigment"
M. Shiono, N. Matsugaki, K. Takeda
Nature, **436**, (2005), 791
- [49] "Crystallization and Preliminary X-ray Analysis of Methylthioribose-1-phosphate Isomerase from *Bacillus subtilis*"
H. Tamura, T. Inoue, H. Matsumura, H. Ashida, Y. Saito, A. Yokota, Y. Kai
Acta Crystallographica Section F, **61**, (2005), 595-598
- [50] "The Crystal Structures of Semi-Synthetic Aequorins"
S. Toma, K. Teranishi, K. Chong, A. Nakagawa, S. Inoue, O. Shimomura
Protein Science, **14**, (2005), 409-416
- [51] "Identification of Single Mn²⁺ Binding Sites in the Mutant Proteins of *E. coli* RNase HI at Glu48 and/or Asp134 by X-ray Crystallography"
Y. Tsunaka, K. Takano, H. Matsumura, Y. Yamagata, S. Kanaya
Journal of Molecular Biology, **345**, (2005), 1171-1183
- [52] "Crystal Structure of *Escherichia coli* SufA Involved in Biosynthesis of Iron-Sulfur Clusters: Implication for a Functional Dimer"
K. Wada, Y. Hasegawa, Z. Gong, Y. Minami, K. Fukuyama, Y. Takahashi
FEBS Letters, **579**, (2005), 6543-6548
- [53] "Absolute Configuration of the Hydroxyfarnesylethyl Group of Haem A, Determined by X-ray Structural Analysis of Bovine Heart Cytochrome *c* Oxidase using Methods Applicable at 2.8 Å Resolution"
E. Yamashita, H. Aoyama, M. Yao, K. Muramoto, K. Itoh-Shinzawa, S. Yoshikawa, T. Tsukihara
Acta Crystallographica Section D, **61**, (2005), 1373-1377
[2006]
- [54] "The Crystal Structure of Human Atg4b, a Processing and De-conjugating Enzyme for Autophagosomeforming Modifiers"
T. Kumanomidou, T. Mizushima, M. Komatsu, A. Suzuki, I. Tanida, Y. Sou, T. Ueno, E. Kominami, K. Tanaka, T. Yamane
Journal of Molecular Biology, **355**, (2006), 612-618
- [55] "Crystallization and Preliminary X-ray Analysis of Rat SHPS-1"
A. Nagata, H. Ohnishi, M. Yoshimura, A. Ogawa, S. Ujita, H. Adachi, M. Okada, T. Matozaki, A. Nakagawa
Acta Crystallographica Section F, **62**, (2006), 189-191
- [56] "Crystal Structures of Cytochrome *c*_L and Methanol Dehydrogenase from *Hypomicrobium denitrificans*: Structural and Mechanistic Insights into Interactions between the Two Proteins"
M. Nojiri, D. Hira, K. Yamaguchi, T. Okajima, K. Tanizawa, S. Suzuki
Biochemistry, **45**, (2006), 3481-3492
- [57] "Conformation of alloHyp in the Y Position in the Host-guest Peptide with the Pro-Pro-Gly Sequence: Implication of the Destabilization of (Pro-alloHyp-Gly)₁₀"
K. Okuyama, N. Jiravanichanun, N. Nishino
Biopolymers, **81**, (2006), 225-233

[Beamline for Accelerator Study]

BL38B2

Proceedings

[2001]

- [1] "Planned X-Ray Imaging of the Electron Beam at the SPring-8 Diagnostics Beamline BL38B2"
M. Masaki, H. Ohkuma, S. Sasaki, M. Shoji, S. Takano, K. Tamura
Proceedings of the 5th European Workshop on Beam Diagnostics & Instrumentation, , (2001), 145-147