List of papers and invited oral talks


14. Fujinami D, Matsumoto M, Noguchi T, Sonomoto K, Kohda D. Structural elucidation of an


28. Igura M, Kohda D. Selective control of oligosaccharide transfer efficiency for the N-glycosylation


71. Tanaka T, Mizukoshi T, Taniyama C, Kohda D, Arai K, Masai H. DNA binding of PriA protein requires


101. Kohda D, Inagaki F. Structure of epidermal growth factor bound to perdeuterated dodecylphosphocholine micelles determined by two-dimensional NMR and simulated annealing


116. Kohda D, Yokoyama S, Miyazawa T. Thermostable valyl-tRNA, isoleucyl-tRNA and methionyl-tRNA


Invited oral talks (June 2002 - May 2017)

1. D. Kohda (June 5, 2002)
   Structure and Function of PX and SH3 Domains in the NAPDH Oxidase System
   the 2nd Tsinghua International Conference of Protein Science, Beijing, China.

   From structure to function of PX domains in the NADPH oxidase system
   the 11th Hot Spring Harbor Symposium of Medical Institute of Bioregulation, Kyushu University Joint
   with the 21st century COE program, Japan and the Kyushu University P&P. “From Genomes to Medicine”, Fukuoka, Japan

   Cracking of the targeting signal embedded in mitochondrial presequences by NMR and crystallography
   CREST international symposium, Frontier of Biological NMR Spectroscopy
   Senri Life Science Center, Osaka, Japan

   Cracking of the targeting signal embedded in mitochondrial presequences by NMR and crystallography

   Cracking of the targeting signal embedded in mitochondrial presequences
   the XXth Congress of the International Union of Crystallography, Florence, Italy

   Recognize not to discriminate: mechanism of nonselective base recognition of 3'-terminus of DNA by PriA protein.
   The 2nd Sapporo Conference 2006; New Trend in Structural Biology, Sapporo, Japan

7. Daisuke Kohda (Mar 30-31, 2007)
   Relaxation study reveals a dual-mode interaction mechanism for mitochondrial presequence recognition by Tom20.
   International Workshop on Perspectives on stable isotope aided NMR methods for protein structural analysis, Osaka, Japan

8. D Kohda (Jan 25-26, 2008)
   Structure-guided identification of a new catalytic motif of oligosaccharyltransferase.
   Fukuoka Symposium on Molecular Soft Interactions at Biomembrane Interface, Fukuoka, Japan

Tom20 recognizes mitochondrial presequences through dynamic equilibrium among multiple bound states – Complex stabilization with molecular tethering and stiffening –
the 3rd Asia-Pacific NMR Symposium, Jeju Island, Korea

10. Daisuke Kohda (Feb 24, 2010)
Tom20 recognizes mitochondrial presequences through dynamic equilibrium among multiple bound states – Complex stabilization with molecular tethering and stiffening –
The 5th Global COE International Symposium Cell Cycle and Differentiation, Singapore

11. Daisuke Kohda (June 25, 2010)
Comparative structural biology of oligosaccharyltransferase: an enzyme that catalyzes the glycosylation of the Asn-X-Ser/Thr sequon –
The Joint Symposium of the 5th International Symposium of Institutes Network and the International Symposium Commemorating Inauguration of Kanazawa University Cancer Research Institute, Kanazawa, Japan

Comparative structural biology of oligosaccharyltransferase: an enzyme that catalyzes the glycosylation of the Asn-X-Ser/Thr sequon
The 25th International Carbohydrate Symposium, Tokyo, Japan

13. Daisuke Kohda (May 22-26, 2011)
Comparative structural biology of archaeal and eubacterial oligosaccharyltransferases
the IX European Symposium of The Protein Society "Wonders and Disasters of the Protein World", Stockholm, Sweden

Comparative Structural Biology of Eubacterial and Archaeal Oligosaccharyltransgerases
Kyushu University – National University of Singapore Bilateral Workshop, Fukuoka, Japan

15. Daisuke Kohda (Oct 16-19, 2011)
A combined NMR and crystallography approach for analyzing the promiscuous recognition of peptidic ligands by proteins
The 4th APNMR Symposium, Beijing, China

16. Daisuke Kohda (Oct 12-14, 2011)
Comparative Structural Biology of Oligosaccharyltransferases
The 71st Okazaki Conference on "New perspectives on molecular science of glycoconjugates", Okazaki, Japan

17. Daisuke Kohda (Dec 22, 2011)
Crystallographic and NMR evidence for flexibility in the C-terminal globular domain of oligosaccharyltransferases and its catalytic significance
The 10th Global COE International Symposium on Biochemistry and Cell Biology, Singapore

18. Daisuke Kohda (Nov 29, 2012)
Structural biology of the N-glycosylation reaction
The 20th Anniversary of the Mizutani Foundation for Glycosciences, Tokyo

19. Daisuke Kohda (Feb 7, 2014)
Intentional creation of crystal-contact free space for analyzing large amplitude motions in protein crystals
International Symposium between Kyushu U. Post Global COE and School of Biomedical Sciences,
20. Daisuke Kohda (Sep 20-22, 2014)  
Structural and dynamic basis for mitochondrial presequence recognition by Tom20  
ISN 2014 Special Neurochemistry Conference, Tokyo

21. Rei Matsuoka, Daisuke Kohda (Sep 29-30, 2014)  
Structural and dynamic basis for mitochondrial presequence recognition by Tom20  
The 5th Japan-Taiwan bilateral NMR symposium, Sapporo, Japan

22. Daisuke Kohda (Nov16-19, 2014)  
Crystal structures of an archaeal oligosaccharyltransferase provide insights into the catalytic cycle of N-linked protein glycosylation  
2014 SFG & JSCR joint annual meeting, "Integrating Glycosciences from biology and chemistry to medicine", Honolulu, Hawaii, USA

Integrative structural biology approach to understand the structural and dynamical basis of Asn-glycosylation  
the 6th Asia-Pacific NMR Symposium (APNMR6), Hong Kong

Opening remark for a special session in memory of Prof. Fuyuhiko Inagaki  
XXVIIth International Conference on Magnetic Resonance in Biological Systems (ICMRBS), Kyoto.

Application of “crystal contact-free space” to the study of protein dynamics  

26. Daisuke Kohda (Oct 7, 2016)  
Integrative structural biology approach to decipher the molecular mechanism of Asn-glycosylation  
The 42nd Naito Conference, “In the Vanguard of Structural Biology: Revolutionizing Life Sciences”, Sapporo.

27. Daisuke Kohda (Mar 22, 2017)  
Integrative Structural Biology Approach to Understand the Structural and Dynamic Basis of Asn-Glycosylation  
The 10th Anniversary of Protein & Peptide Conference (PepCon-2017), Fukuoka (Hilton Fukuoka Sea Hawk)