

CURRICULUM VITAE

Name: Genji Kurisu

Date of birth: December 18, 1969.

Office Address: Institute for Protein Research, Osaka University,
3-2 Yamadaoka, Suita, Osaka 565-0871, Japan

Expertise: Protein Database activities; Method development of Protein Crystallography; Structural studies of photosynthetic energy-transducing membrane protein complexes; and Crystal structure analyses of dynein motors.

Academic Career: Professor, Laboratories of Protein Crystallography (from 2009 to date) and Protein Databases (from 2017), Institute for Protein Research, Osaka University
Associate Professor, Department of Life Sciences, University of Tokyo (from 2004 to 2009)
Visiting Research Fellow, Department of Biological Sciences, Purdue University (from 2002 to 2003, with Profs. Janet L. Smith and William A. Cramer)
Instructor, Institute for Protein Research, Osaka University (from 1997 to 2004)
JSPS Research Fellow, JSPS, Japan (from 1994 to 1997)

Education: Graduated from Dept. Applied Chemistry (Crystallography), Osaka University (1992).
Ph.D, from Osaka University (1997) for a thesis entitled: "Studies on Structure and Function of Zinc Proteases"

Membership of Societies: Crystallographic Society of Japan, CrSJ (from 1992)
Biophysical Society of Japan (from 1997)
Protein Science Society of Japan, PSSJ (from 2001)
Biophysical Society (from 2011)

Administrative activities: Head, Protein Data Bank Japan
Co-editor, Acta Crystallographica Section D.
Councillor of Asian Crystallographic Association
Board member of the CrSJ
Board member of the PSSJ

Award: The CrSJ Young Crystallographer Award (2001)
The CrSJ Awards (2016)
Osaka Science Prize (2019)

Selected Publications:

1. Schuller JM, Birrell JA, Tanaka H, Konuma T, Wulforth H, Cox N, Schuller SK, Thiemann J, Lubitz W, Sétif P, Ikegami T, Engel BD, Kurisu G, Nowaczyk MM. Structural adaptations of photosynthetic complex I enable ferredoxin-dependent electron transfer. *Science*, **363**, 257-260 (2019). doi: 10.1126/science.aau3613.
2. wwPDB consortium
Protein Data Bank: the single global archive for 3D macromolecular structure data. *Nucleic Acids Res.*, **47**, D520-D528 (2019). doi: 10.1093/nar/gky949.
3. Kubota-Kawai H, Mutoh R, Shinmura K, Sétif P, Nowaczyk MM, Rögner M, Ikegami T, Tanaka H, Kurisu G. X-ray structure of an asymmetrical trimeric ferredoxin-photosystem I complex. *Nature Plants*, **4**, 218-224 (2018). doi:10.1038/s41477-018-0130-0.
4. Kon T, Oyama T, Shimo-Kon R, Imamula K, Shima T, Sutoh K, Kurisu G. The 2.8 Å crystal structure of the dynein motor domain. *Nature*. **484**, 345-350 (2012). doi: 10.1038/nature10955.