

Brief Biography of Prof. Akio Ebihara



Dr. Akio Ebihara is currently working as a Professor of Faculty of Applied Biological Sciences, Gifu University, Japan. He received B.Sc. (1996) and Ph.D. (2001) degrees from University of Tsukuba, Japan. His main area of Ph.D. research is Biotechnology. He worked as a postdoctoral researcher (2001-2006) and a team leader (2006-2008) at RIKEN SPring-8 center (Japan), and has trained in protein X-ray crystallography using the synchrotron radiation available at SPring-8. Since 2008, Dr. Ebihara has worked as a faculty of Gifu University in the area of biochemistry.

His research interests are structure-based understanding of protein function and enzymatic catalysis, production of recombinant protein for clinical applications, and developing a point-of-care-testing of a biomarker. He has extensively investigated a series of proteins involved in Renin-Angiotensin System, which is a key regulator of blood pressure and plays a critical role in the pathogenesis of cardiovascular diseases. This research is being undertaken with the collaboration with University of Dhaka, Bangladesh.

Dr. Ebihara has contributed to establishing academic collaboration with Department of Chemical Engineering, Indian Institute Technology Guwahati. He visited this Department in December 2017 to provide a lecture at Indian Institute of Chemical Engineers, Guwahati Regional Centre. The Indo-Japan Bilateral Symposium on “Future Perspective of Bioresource Utilization in North-Eastern Region of India (IJBS17)” was jointly organized by Indian Institute Technology Guwahati and Gifu University and was held in February 2018. He worked with Prof. Vimal Katiyar and Prof. Ramgopal V.S. Uppaluri to implement this symposium. Dr. Ebihara is now working as an academic coordinator of “International Joint Master's Degree Program in Food Science and Technology between Indian Institute Technology Guwahati and Gifu University”, which was launched in 2019.

URL (Akio Ebihara): <https://researchmap.jp/read0117842?lang=en>

URL (IJBS17): <http://www.iitg.ac.in/ijbs2017/>

URL (IJMDP): <http://www.iitg.ac.in/chemeng/imdfst/>