

Dr. Masahiro Takagi is a professor at School of Materials Science, Japan Advanced Institute of Science and Technology (JAIST).



JAIST was founded in 1990 as the first independent national graduate school in Japan, to carry out graduate education based on research at the highest level in advanced science and technology.

He received PhD (Engineering) from Osaka University (JAPAN) and served as an assistant professor and an associate professor at Department of Biotechnology, Faculty of Engineering, Osaka University from 1985 to 2001. He was also a postdoctoral researcher at University of California, Davis (1990-1992).

He became a professor at JAIST in 2001. His research field was about protein engineering of thermostable enzymes and elucidation of protein denaturation process including amyloid formation.

Recently, he is interested in molecular-binding events on the heterogeneous plasma membrane surface. He reported and patented a simple, rapid, and robust method for preparing asymmetric cell-sized lipid bilayer vesicles.