

Biography

Hiroshi TANAKA

Director, Center for Information Medicine,
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Prof. Hiroshi Tanaka graduated from the University of Tokyo, Department of Mathematical Engineering in 1974. He received Dr.Med. from Graduate School of Medicine in 1981 and Ph.D. from Graduate School of Engineering in 1983, both at University of Tokyo. His thesis was related to the computational physiology, especially biomedical inverse problems.

He was appointed as Assistant Professor from 1982 to 1987, at Institute for Medical Electronics, Graduate School of Medicine, University of Tokyo. During this period, he studies biosystems analysis from 1982 to 1984 in Uppsala University and Linköping University in Sweden as Visiting Scientist. In 1987 he moved to Department of Medical Informatics, Hamamatsu University School of Medicine where he studied the application of knowledge sciences to medicine, specially that of machine discovery applied to the biomedical fields.

In 1990, he was visiting scientist in MIT Laboratory of Computer Science, where he began the study of bioinformatics which he is now majored in. After returning Japan, He was appointed as Professor of Bioinformatics, Medical Research Institute, Tokyo Medical and Dental University in 1991. He is now also the director of the Center for Information Medicine at Tokyo Medical and Dental University. In 2003, He was also appointed as professor of systems biology, School of Biomedical Sciences, Tokyo Medical and Dental University.

His current research topics and main study interests of his laboratory are '**Systems Evolutionary Biology**' and '**Genome Medical Informatics**'. He has just started the government-commissioned project for constructing the national Data Base for "Omics-based Systems Medicine" since last summer. Basically, this is an attempt that information science, biology, and medicine fuse into one. He is now working assiduously to make a public awareness in this field