

Newly-built "AIST Tokyo Waterfront Bio-IT Research Building" is Open

The opening ceremony for the AIST Tokyo Waterfront Bio-IT Research Building, where CBRC entered, was held on 30 March 2005 and it has opened officially.

AIST has accumulated various techniques in the field of life sciences, including bioinformatics, integrated databases, mass spectrometry for trace substances, protein structural analysis, and gene expression analysis using full-length human cDNA. This facility has been established in order to select from those techniques a range of technologies that have an edge over those of other countries in light of "the fusion of biotechnology and information technology", and to support joint research activities with companies as well as research funded by public institutions and government departments.

We look forward to broad use of the facility by consortiums of companies that are planning to develop and capitalize on industrial techniques in the life sciences area, venture companies, universities, etc. The research facility provides opportunities for transferring technologies from AIST to companies, developing human resources, and serving as a primary base for AIST venture companies. Through the facility, CBRC will seek to promote research collaboration between industry, academia, and government.



11	Conference Room Collaboration	
10	CBRC Reception	
9	CBRC	AIST authorized venture
8	CBRC Computer Room Collaboration Room	Fermlab Inc. Bestsystems Co., Ltd. Waseda University
7		The University of Tokyo
6		
5		
4		
3		
2	Main Building Access Passage	
1	CBRC Display Space	

The University of Tokyo



AIST has signed a cooperation agreement with the University of Tokyo (UT) in December 2004, with the goal of developing comprehensive strength through enhanced partnership and mutual cooperation, together with utilization of each other's research and development capacities and human resources. Under this agreement, the bioinformatics research teams of UT and AIST are based respectively at the AIST Tokyo Waterfront Bio-IT Research Building and the UT campus, in order to realize an ongoing exchange of views and information between researchers from the two organizations. We plan to carry out innovative research that will lead to the practical use of bioinformatics technology, including sequence information analysis, comparative genomes, and metabolism and signal pathways, in tandem with a cooperative project for human resource development.

Waseda University IT Bio Research Institute

Waseda University IT Bio Research Institute is one of the project institutes that make up the Waseda Information Technology Research Organization.

We will conduct joint research on 1) prediction of structurally conserved domains of protein and protein disorder; 2) identification of protein domains through normal mode analysis; 3) symbol processing and natural language processing of knowledge about medical biology; 4) high performance bioinformatics; and 5) robotic science inspired by biology, etc., by combining IT research performed at Waseda University with our own bioinformatics research activities.

