



# CBRC Newsletter

2007

The Computational Biology Research Center (CBRC) was founded in April 2001 and is affiliated to the National Institute of Advanced Industrial Science and Technology (AIST), Japan.

CBRC is involved with bioinformatics research aimed at elucidating a wide range of biological phenomena; from genome sequencing to the 3D structure and function of proteins and the mutual relationships that exist among cells and organs and the body.

For example, we conduct research on the application of novel algorithms and the ways in which information can be represented when constructing systems designed to predict the outcomes of biological processes and comprehensively analyze different genomes by processing vast amounts of data. The current environment of high performance computing facilitates this research enormously.

The primary aim of the organization itself is to promote interdisciplinary cooperation among researchers in the fields of computer science, mathematics, physics and system engineering, and those from the biological and medical sciences.

Additional emphasis is on promoting close cooperation among concerns in industry, academia and government, encouraging collaborative research between companies and universities. We believe that by organizing training programs for masters and postdoctoral students, as well as people currently employed by companies, that we will succeed training researchers who will lead bioinformatics in the future.

The CBRC Newsletter is published in Japanese as a quarterly since 2002. This issue is a translated collection of the last four issues in the fiscal year of 2006.