

The final symposium on "AIST Upbringing Talents in Bioinformatics Course"

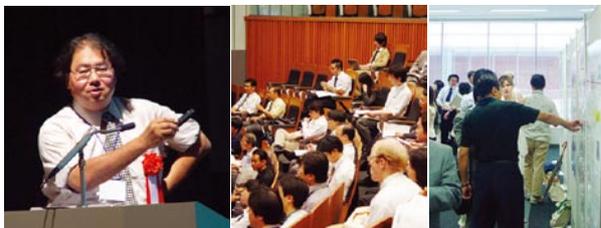
AIST Upbringing Talents in Bioinformatics Course, which was scheduled to run for 5 years from 2001, is in its final year. A symposium held on 22nd September 2005 provided opportunities not only to reflect on past achievements but also to consider preferred future approaches to cultivating human resources for bioinformatics. The symposium agenda included reports on the current situation with respect to trained people who are actively engaged in companies or universities, Keynote Lecture by Prof. Hiroyuki Toh from Kyushu University, and Panel Discussion involving professors with knowledge and expertise in the cultivation of human resources, etc.

Trainees Remarks (CBRC)

- Toshitaka Kumagai (President, Fermlab. Inc.)
"From *Aspergillus oryzae* genome analysis to the venture business on applied genome science"
- Tsuyoshi Kato (Assistant Professor, Univ. of Tokyo)
"The training course broke the barrier between different research fields"
- Yoshikazu Mori (Assistant Manager, Tsumura & Co.)
Takatsugu Hirokawa (Leader, MMD Team, CBRC)
"Practical bioinformatics education for pharmaceutical research"
- Kana Shimizu (Research Associate, Waseda Univ.)
"The course gave me a lot of opportunities for growth"



From left: Mr. Kumagai, Dr. Kato, Dr. Hirokawa, Ms. Shimizu



From left: Keynote Lecture by Prof. Toh, audience, and Poster Session

Panel Discussion

How's the training in bioinformatics supposed to be?

[Panelist]

- Kiyoshi Asai (Univ. of Tokyo / CBRC)
- Yukihiko Eguchi (JSBi / MKI)
- Hiroyuki Toh (Kyushu Univ.)
- Hiroshi Mamitsuka (Kyoto Univ.)
- Shigeki Mitaku (Nagoya Univ.)

[Chair]

- Takashi Gojobori (NIG / BIRC)
- Yutaka Akiyama (CBRC)



Symposiums hosted by CBRC

10/27
(Thu)

CBRC2005

(CBRC Annual Meeting)

13:00
~ 18:00

Eight Team Leaders of CBRC talked on their latest research interests and the results.

Poster Session was also held.

(Presented in English. Admission Free.)

10/28
(Fri)

ISCBB2005

(International Symposium

on Computational Biology & Bioinformatics)

10:30
~ 18:00

Research scientists of four countries in Asia met at AIST Tokyo Waterfront Bio-IT Research Building and talked on the latest notable topics in computational biology and bioinformatics.

Poster Session was also held.

(Presented in English. Admission Free.)

* Both symposiums were held at the Conference Room on 11th Floor of AIST Tokyo Waterfront Bio-IT Research Building. Please refer to [<http://www.cbrc.jp/symposium/2005/>] for further detail.

Bio Japan 2005



"Bio Japan 2005" was held from 7th to 9th September at Pacifico Yokohama. As in 2004, CBRC made panel presentations at the AIST exhibition booth. We selected two topics from recent results: CellMontage: a system for fast searching of similar cells; and a drug discovery support system utilizing information on three-dimensional protein structures.

At the AIST seminar on 8th September, Dr. Yutaka Akiyama, Director of CBRC, gave a lecture on "Prediction of protein tertiary structure and interactions from genome information".

In addition, results of the Focus 21 Project, which involved both our Cellular Informatics Team and High

Performance Computing Team, were presented at the exhibition booth of the New Energy and Industrial Technology Development Organization (NEDO). Of particular interest to many attendees was an instrument (developed by Takahashi *et al.*) that can perform proteome analysis about 20 times faster than existing analysis methodology and uses only about 5% of the conventional samples.

