September 25-26, 2006, Hangzhou, China

4'IFPT

Progress on Post-genome Technologies

— Proceeding of the 4'th International Forum on Post-genome Technologies(4'IFPT)

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PREFACE

The human genome project showed the importance of analyzing massive bio-molecule data for understanding biology. Besides the massive data of bio-molecules, the systematic understanding of lives is getting important. We see the word "system biology" here and there. As the minimum unit of a living system is a cell, it is very important to analyze all the molecules in a single cell together with cell-to-cell communications for understanding a whole life system. It will greatly contribute to the developing bio-medical field and to solve various problems in food as well as environmental fields. We are at the new frontiers of life science and bio-science. We need new tools for the frontier which requires various knowledge and technologies and will be promoted by international and interdisciplinary collaborations.

International Forum on Post-genome Technologies (IFPT) was held firstly in Xi'an (2002), and then in Nanjing (2004) and Guilin (2005). This is the forth meeting. The purpose of IFPT is to provide an opportunity for the collaborations through exchanging information and discussion. Hangzhou is one of the most famous places in China. An old Chinese proverb says that "in heaven there is a paradise, and on earth there is Hangzhou". It is our hope that all the participants enjoy the beautiful scenery in Hangzhou and the academic exchanges in the meeting.

Hideki Kambara

Hideki KAMBARA
Fellow, Hitachi, Ltd.
Co-Chairman of Guiding Committee of IFPT'4

September 6, 2006

Dr. Kambara Hideki now is the Fellow of Hitachi Ltd, the visiting professor of the University of Tokyo, and the visiting professor of Tokyo University of Agriculture and Technology. He graduated from the University of Tokyo in 1967, and received his doctorate degree in 1972 from the University of Tokyo. He honored The Asahi Prize for "development of a high performance DNA sequencer" in 2004, the National Medal of Honor with Purple Ribbon in 2003, "Star of Asia" by BusinessWeek's in 2002, the 48th Okochi Memorial Grand Technology Prize for "development of the capillary array DNA sequencer" in 2002, and Commendation by the Minister of Education, Culture, Sports, Science & Technology to Persons of Scientific & Technological Research Merits, for "research on fluorescence detection method DNA base sequencing device" in 2001. Dr. Kambara has published over 80 papers on mass spectrometry and DNA analysis, and holds more than 100 patents in Japan and U. S. A. His research interests includes atmospheric pressure ionization mass spectrometry; field desorption ionization and collision induced decomposition mass spectrometer for biological molecules; molecular secondary ion mass spectrometry; combined system of liquid chromatograph and mass spectrometer; fluorescent DNA sequencer; capillary array DNA sequencer; DNA expression profile analysis; and instruments for DNA diagnostics.

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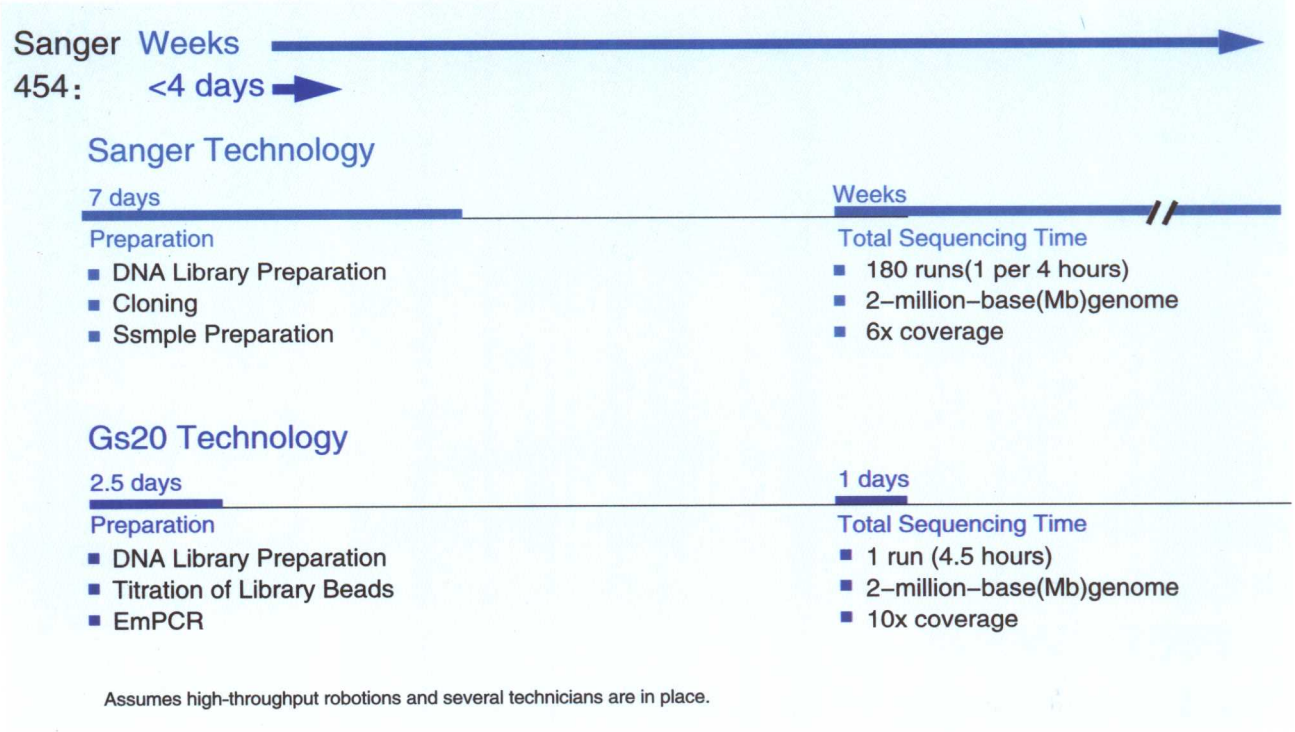

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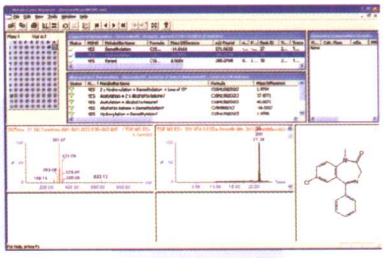

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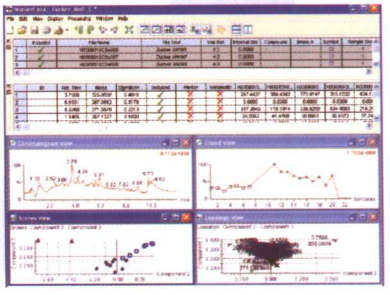

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