

PREFACE

Genome Informatics Vol. 22 contains a selection of peer-reviewed papers presented at the Ninth Annual International Workshop on Bioinformatics and Systems Biology on 27–29 July of 2009. This time the workshop was held at Life Science and Engineering Building (LSEB) of Boston University, Boston, MA, USA. This international workshop on Bioinformatics and Systems Biology is part of a collaborative educational program involving several leading research institutes: Boston University in the United States, Charité - Universitätsmedizin Berlin, Humboldt-Universität zu Berlin, Kyoto University in Japan and the University of Tokyo. This student-focused event has been held since 2001 to provide doctoral students and young researchers with opportunities to present and discuss their research objectives, approaches and results in the emerging field of genomics, systems biology and bioinformatics. The first workshop was held 2001 in Berlin. It was organized by Prof. Dr. Reinhart Heinrich (1946–2006), a co-founder of this series of workshops. Since 2001, the workshop has been held in Boston (2002), Berlin (2003), Kyoto (2004), Berlin (2005), Boston (2006), Tokyo (2007), and Berlin (2008). The present workshop was organized by the following institutions and programs:

- Boston University Graduate Program in Bioinformatics
- Charité - Universitätsmedizin Berlin
- Freie Universität Berlin
- University of Tokyo Global COE Program – Center of Education and Research for Advanced Genome-Based Medicine
- The International Research Training Group (IRTG) Genomics and Systems Biology of Molecular Networks
- International Research and Training Program on Bioinformatics and Systems Biology, Kyoto University Bioinformatics Center
- Max-Delbrück Center for Molecular Medicine in Berlin
- Max Planck Institute for Molecular Genetics in Berlin
- Max Planck Institute of Molecular Plant Physiology in Potsdam

We first performed the workshop and to collect and review the manuscripts after the workshop, such that the discussions and criticisms at the workshop could be considered appropriately by the authors. However, there was also a pre-selection of the oral and poster contributions to be accepted at the workshop. The contributors were then allowed to submit manuscripts for Genome Informatics. These contributions were reviewed by the members of the workshop event. We have se-

lected 17 papers after revision. These papers will be indexed in Medline, and their electronic versions are freely available from the website of Japanese Society for Bioinformatics as Genome Informatics Online (<http://www.jsbi.org/modules/journal/index.php/index.html>). Former publications are also electronically available as Genome Informatics Vol. 15, No. 1 (2004), Vol. 16, No. 1 (2005), Vol. 17, No. 1 (2006), Vol. 18 (2007), and Vol. 20 (2008). We wish to thank all of those who submitted papers and helped with the reviewing process. We also wish to thank all those who helped in organizing this workshop for their efforts in local arrangement, especially the Local Committee Members in Boston.

Scientific Committee

Charles DeLisi (Boston University, Chair)

Minoru Kanehisa (Kyoto University)

Edda Klipp (Humboldt-Universität zu Berlin)

Satoru Miyano (University of Tokyo)

Scott Mohr (Boston University)

Iwona Wallach (Charité - Universitätsmedizin Berlin)

SCIENTIFIC COMMITTEE

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