Preface

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The 24th Annual Meeting of the Japanese Association for Animal Cell Technology (JAACT2011) “Bench to bed, bed to bench” was held at University of Tokyo, Japan on July 22 and 23, 2011. The meeting chairperson was Prof. Jae Tae Woo, Chubu University. The meeting focused on recent advancement in the field of animal cell technology from both basic and applied aspects. We invited academic and industrial scientists to make this meeting truly successful and scientifically fruitful. About 200 participants derived from 76 universities, institutions and companies joined the meeting and enjoyed the program (Plenary lectures, 2; symposia, 4; poster presentations, 65; Trade exhibition, 15).

The titles of plenary lectures were as follows:

Plenary Lecture 1. “Realization of regenerative medicine by cell sheet technology and studies on stem cell biology” by Dr. Masayuki Yamato, Tokyo Women’s Medical University.

Plenary Lecture 2. “Adipocytes and molecular mechanism of life-style related diseases” by Dr. Takashi Kadowaki, University of Tokyo.

Fields and titles of 4 symposia were:

1. “Functional evaluation using animal cells and clinical application”
2. “Future of regenerative medicine based on cell technology”
3. “Basic research and application on adipocytes”
4. “Strategy and context for realization of biomedicine”

The editors express their sincere thanks to all the participants, symposium organizers, chairpersons, speakers, members of the organizing committee, and the student staff of this meeting for their valuable contributions.

This JAACT2011 issue of Cytotechnology includes 14 papers accepted after peer review. The editors hope this JAACT issue of Cytotechnology will greatly contribute to the development of animal cell technology for innovation of life science.

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