

## Preface

Atsushi Enomoto · Masaya Nagao ·  
Sanetaka Shirahata

Published online: 23 October 2009  
© Springer Science+Business Media B.V. 2009

The 20th Annual Meeting of the Japanese Association for Animal Cell Technology (JAACT2007) was held at the Takasaki City Gallery in Takasaki, Gunma, Japan from July 3 to 4, 2007. The meeting chairman was Prof. Atsushi Enomoto, Gunma University. The meeting focused on recent advancement of animal cell technologies from basic and applied aspects. We invited academic and industrial scientists to make the JAACT2007 truly successful and scientifically fruitful. More than 400 participants including high school students joined the meeting. The program was as follows:

---

A. Enomoto  
Department of Biological and Chemical Engineering,  
Faculty of Engineering, Gunma University,  
1-5-1 Tenjin, Kiryu, Gunma 376-8515, Japan  
e-mail: enomoto@bce.gunma-u.ac.jp

M. Nagao  
Laboratory of Biosignals and Response,  
Graduate School of Biostudies, Kyoto University,  
Kitashirakawa-Oiwake-cho, Sakyo-ku,  
Kyoto 606-8502, Japan  
e-mail: mnagao@kais.kyoto-u.ac.jp

S. Shirahata (✉)  
Department of Genetic Resources Technology,  
Faculty of Agriculture, Kyushu University,  
6-10-1 Hakozaiki, Higashi-ku, Fukuoka  
812-8581, Japan  
e-mail: sirahata@grt.kyushu-u.ac.jp

### Plenary Lecture

- SP-1 Masatomo Mori, Graduate School of Medicine, Gunma University  
Adipocytes in brain and regulatory factors for atherosclerosis.
- SP-2 Itaru Kojima, Institute for Molecular and Cellular Regulation, Gunma University  
Differentiation of beta cells in pancreatic Langerhans islands and regeneration of pancreas.

Symposium 1: Process and quality in the manufacture of biomedicines (I)

Mini symposium: Bioscience in Gunma University; Special seminar in life sciences by Graduate School of Engineering and Institute for Molecular and Cellular Regulation

Special program I: Visiting to Takasaki Plant of Kirin Pharma Co. Ltd.

Special program II: Seminar on animal cell technology for high school students.

- SS-1 Dr Shinji Iijima, Nagoya University  
Eggs for production of drugs—gene manipulation of chicken.
- SS-2 Dr Shuichi Kaminogawa, Nihon University  
Foods and allergy
- SS-3 Dr Ryuzo Sasaki, Kyoto University and Shiga Prefectural University  
Mechanism of regeneration of tissues: from stem cells to functional cells.

Symposium 2: Process and quality in the manufacture of biomedicines (II)

Technical seminar

Dr Wataru Sato, IS Japan Co. Ltd.

Optimization of culture medium and introduction of ICC laboratory.

Symposium 3: Present status and new development of the evaluation system on food functions using animal cells

Forty eight posters were presented and exhibitions were done by 14 companies.

We believe that all participants enjoyed the scientific fruits of the JAACT2007 meeting at Takasaki. Especially the special program for high school students

was very successful and contributed to encourage young people in the field of science. The editors express their sincere gratitude to all the participants, lecturers in plenary lectures, symposia, technical seminar, special programs, chairpersons and organizers of the symposia and special programs, many high school students and teachers, members of the organizing committee for their dedication in assuring the success of the meeting.

This JAACT2007 issue of Cytotechnology includes 10 papers accepted after peer review. The editors hope this JAACT issue of Cytotechnology will greatly contribute to the development of animal cell technology or innovation of life science.