The 8th Nikko International Symposium 2011
Cell & Gene Therapy: From Concept To Reality

Date: Friday October 21, 2011
Venue: JMU Information and In-service Training Center

Opening Remark
10:00–10:05
Fumimaro Takaku
President, Jichi Medical University, Tochigi, Japan

Introduction
10:05–10:10
Keiya Ozawa
Director, Center for Molecular Medicine, Jichi Medical University, Tochigi, Japan

Basic & Translational Research in JMU
Chairperson: Kiyoshi Kawakami
10:10–10:35
The role of chromatin regulator MRG15 in neural stem/progenitor cell function and DNA damage response
Kaoru Tominaga
Division of Functional Biochemistry, Department of Biochemistry
Jichi Medical University, Tochigi, Japan

10:35–11:00
Control of growth and differentiation of muscle satellite cells to innovate cell therapy
Hiroshi Yajima
Division of Biology, Center for Molecular Medicine
Jichi Medical University, Tochigi, Japan

Chairperson: Toshihiko Yada
11:00–11:25
NF-κB activity regulates MSC (mesenchymal stem cell) accumulation at tumor sites
Ryosuke Uchibori
Divisions of Genetic Therapeutics and Immuno- Gene & Cell Therapy (Takara Bio)
Center for Molecular Medicine, Jichi Medical University, Tochigi, Japan

11:25–11:50
The generation of high-quality iPS cells
Yutaka Hanazono
Division of Regenerative Medicine, Center for Molecular Medicine
Jichi Medical University, Tochigi, Japan

12:00–13:00 Lunch Time

Closing Remarks
13:00–13:20
Toshihiko Yada
President, Jichi Medical University, Tochigi, Japan
Gene Therapy Using Viral Vectors
Chairperson: Sadahiko Iwamoto
13:00~13:30
Prostate cancer gene therapy as a translational research
Yasutomo Nasu
Center for Innovative Clinical Medicine
Okayama University Hospital, Okayama, Japan

13:30~13:55
Gene therapy for Parkinson's disease: Four years of follow-up
Shin-ichi Muramatsu
Division of Neurology, Department of Medicine
Jichi Medical University, Tochigi, Japan

Chairperson: Yoichi Sakata
13:55~14:20
Animal models for hemophilia gene therapy study
Jun Mimuro
Division of Cell and Molecular Medicine, Center for Molecular Medicine
Jichi Medical University, Tochigi, Japan

14:20~15:00
Progress towards gene therapy of haemophilia
Amit Nathwani
Research Department of Haematology
University College London, London, United Kingdom

15:00~15:15 Coffee Break

Cancer and miRNA
Chairperson: Yusuke Furukawa
15:15~15:45
Function-based screening of tumor-suppressor microRNAs silenced by DNA hypermethylation in cancer
Johji Inazawa
Department of Molecular Cytogenetics, Medical Research Institute
Tokyo Medical and Dental University, Tokyo, Japan

Chairperson: Hiroyuki Mano
15:45~16:15
miRNA alterations in the pathogenesis of human lung cancer
Takashi Takahashi
Division of Molecular Carcinogenesis, Center for Neurological Diseases and Cancer
Nagoya University Graduate School of Medicine, Nagoya, Japan
Antitumor CD8+ T cells in vitro-educated by artificial APC possess an intrinsic capacity to persist, establish antitumor immunological memory, and induce clinical responses in humans

Naoto Hirano
Immune Therapy Program
Ontario Cancer Institute/Princess Margaret Hospital
Toronto, Canada

Targeting tumors with genetically enhanced T lymphocytes

Michel Sadelain
Center for Cell Engineering
Memorial Sloan-Kettering Cancer Center
New York, USA

Closing Remark

Mariko Momoi
Dean, School of Medicine, Jichi Medical University, Tochigi, Japan

17:45~19:00 Buffet-style dinner party (SEIYODO restaurant)

Sponsored by Center for Molecular Medicine, Jichi Medical University

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