

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- κ B 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



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

A phase I/II clinical trial entailing peripheral vein administration of a novel self complementary adeno-associated viral vector encoding human FIX for haemophilia B gene therapy

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

Novel Approaches to Cancer Immunotherapy

Chairperson: Masafumi Takahashi

16:15~16:50

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

Chairperson: Keiya Ozawa

16:50~17:30

Targeting tumors with genetically enhanced T lymphocytes

Michel Sadelain

Center for Cell Engineering

Memorial Sloan-Kettering Cancer Center

New York, USA

Closing Remark

17:30~17:35

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

【Secretariat】

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