

The 6th Nikko International Symposium 2009

Frontiers of Molecular Medicine

Date: Saturday November 7, 2009

Venue: JMU Information and In-service Training Center

Opening Remark

10:00~10:05

Fumimaro Takaku

President of Jichi Medical University, Tochigi, Japan

Introduction

10:05~10:10

Keiya Ozawa

Director, Center for Molecular Medicine, Jichi Medical University, Tochigi, Japan

Current topics in JMU research

Chairperson: Yoichi Sakata

10:10~10:35

Clinical application of a novel oncogene *EML4-ALK* in lung cancer

Hiroyuki Mano

Division of Functional Genomics, Center for Molecular Medicine
Jichi Medical University, Tochigi, Japan

10:35~10:55

Safe and efficient expansion of human hematopoietic stem cells with Sendai virus vector expressing HoxB4 in fetal sheep

Shigeo Masuda

Division of Regenerative Medicine, Center for Molecular Medicine
Jichi Medical University, Tochigi, Japan

10:55~11:15

Inhibition of GVHD without losing GVL effect; Focusing on blocking of IL-21 signal

Katsutoshi Ozaki

Division of Hematology, Department of Medicine
Jichi Medical University, Tochigi, Japan

Chairperson: Kiyoshi Kawakami

11:15~11:40

Interaction between stress and food intake

Tatsushi Onaka

Division of Brain and Neurophysiology, Department of Physiology
Jichi Medical University, Tochigi, Japan

11:40~12:00

An attempt to produce a transgenic mosquito, as a flying syringe, to deliver protective vaccine via saliva

Hiroyuki Matsuoka

Division of Medical Zoology, Department of Infection and Immunity
Jichi Medical University, Tochigi, Japan



12:00~13:00

Lunch at the SEIYODO restaurant



Stem cells, development, and molecular pathogenesis

Chairperson: Yutaka Hanazono & Toshiro Niki

13:00~13:35

Stem cells and their niche

Toshio Suda

Department of Cell Differentiation, Keio University School of Medicine, Tokyo, Japan

13:35~13:55

Identification of a common sensory precursor domain, the pre-placodal region (PPR), in mammalian embryos

Shigeru Sato

Division of Biology, Center for Molecular Medicine

Jichi Medical University, Tochigi, Japan

13:55~14:20

Role of inflammasome in cardiovascular diseases

Masafumi Takahashi

Division of Bioimaging Sciences, Center for Molecular Medicine

Jichi Medical University, Tochigi, Japan

Special Lecture 1

Chairperson: Yusuke Furukawa

14:20~15:10

The Bcl-2 protein family in cancer development and therapy

Jerry Adams

Molecular Genetics of Cancer Division, The Walter and Eliza Hall Institute of Medical Research, Melbourne, Victoria, Australia



15:10~15:30

Coffee Break & Photograph



Molecular mechanisms of cancer

Chairperson: Toshihiko Yada

15:30~16:05

Helicobacter pylori CagA - a new paradigm for oncoproteins

Masanori Hatakeyama

Department of Microbiology, Graduate School of Medicine

University of Tokyo, Tokyo, Japan

16:05~16:40

Genome-wide analysis of genetic targets in human cancers

Seishi Ogawa

Cancer Genomics Project, Graduate School of Medicine

University of Tokyo, Tokyo, Japan

Special Lecture II

Chairperson: Keiya Ozawa

16:40~17:30

Implementing cell and gene therapies for cancer in an academic center

Malcolm K. Brenner

Center for Cell and Gene Therapy, Baylor College of Medicine, Houston, Texas, U.S.A.

Closing Remark

17:30~17:35

Shin-ichi Tominaga

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



17:40~19:00

Buffet-style dinner party



Cosponsored by

**Center for Molecular Medicine, Jichi Medical University
Support Program for Improving Graduate School Education
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【Secretariat】

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