

The 7th Nikko International Symposium 2010

New Trends in Stem Cell Research

Date: Friday October 8, 2010

Venue: JMU Information and In-service Training Center

Opening Remark

10:30~10:35

Fumimaro Takaku

President of Jichi Medical University, Tochigi, Japan

Introduction

10:35~10:40

Keiya Ozawa

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

Recent Research in JMU

Chairperson: Toshihiko Yada

10:40~11:00

Array-based genomic resequencing of acute myeloid leukemia

Yoshihiro Yamashita

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

11:00~11:20

Gene cascade of olfactory neuron progenitors

Keiko Ikeda

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

Chairperson: Kiyoshi Kawakami

11:20~11:40

Nesfatin-1 in hypothalamic paraventricular nucleus regulates feeding via oxytocin-melanocortin pathway

Yuko Maejima and Toshihiko Yada

Division of Integrative Physiology, Department of Physiology
Jichi Medical University, Tochigi, Japan

11:40~12:00

Study on release of hepatitis E virus (HEV) from infected cells using a reverse genetics system for HEV utilizable in a robust cell-culture system

Shigeo Nagashima and Hiroaki Okamoto

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



12:00~13:00

Lunch time



iPS Cell Research and Possible Applications

Chairperson: Shin-ichi Tominaga

13:00~13:30

Evaluation the safeness of iPS cells

Kazutoshi Takahashi

Department of Reprogramming Science
Center for iPS Cell Research and Application (CiRA)
Kyoto University, Kyoto, Japan

13:30~13:50

Targeting a transgene into a predefined site in the human genome by adeno-associated virus integration machinery

Masashi Urabe

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

Chairperson: Shin-ichi Muramatsu

13:50~14:10

iPS cell research using large animals: From mice toward humans

Yutaka Hanazono

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

14:10~14:50

iPS cell research toward personalized cell therapy: A case for Parkinson's disease

Kwang-Soo Kim

Molecular Neurobiology Lab, McLean Hospital/Harvard Medical School
Belmont, MA, U.S.A.



14:50~15:10

Coffee Break



Hematopoietic Stem Cells

Chairperson: Hiroyuki Mano

15:10~15:50

Hematopoietic stem cell development explained

Shinichi Nishikawa

Lab. for Stem Cell Biology, RIKEN Center for Developmental Biology
Kobe, Japan

Chairperson: Yoichi Sakata

15:50~16:10

Cell fate decision of hematopoietic progenitors by histone deacetylases (HDACs)

Yusuke Furukawa

Division of Stem Cell Regulation, Center for Molecular Medicine
Jichi Medical University, Tochigi, Japan

16:10~16:40

3B (Brain - Bone - Blood) integration in hematopoietic stem cell trafficking

Yoshio Katayama

Hematology, Department of Medicine
Kobe University Graduate School of Medicine, Kobe, Japan

Cancer Stem Cells

Chairperson: Masafumi Takahashi

16:40~17:10

Pancreatic ductal progenitor cells as the cells-of-origin of pancreatic cancer

Hideki Taniguchi

Department of Regenerative Medicine, Graduate School of Medicine
Yokohama City University, Yokohama, Japan

Chairperson: Keiya Ozawa

17:10~17:50

Unraveling and targeting leukemic stem cell self-renewal function

R. Keith Humphries

Terry Fox Laboratory, British Columbia Cancer Agency
Department of Medicine, University of British Columbia
Vancouver, BC, Canada

Closing Remark

17:50~17:55

Mariko Momoi

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



18:00~19:30

Buffet-style dinner party (SEIYODO restaurant)



Sponsored by Center for Molecular Medicine, Jichi Medical University

【Secretariat】

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