The 5th IMSUT-CGCT Symposium 2018

Date: Tuesday January 30, 2018
Venue: IMSUT Auditorium

AM 10:00 ~ 12:00
Opening Remarks
Yoshinori Murakami, Dean, IMSUT
Introduction
Keiya Ozawa, Director, IMSUT-CGCT

Cellular Therapy
Satoshi Takahashi, IMSUT
Tomohiro Morio, Tokyo Medical and Dental University
Masahiro Tsuji, National Cerebral and Cardiovascular Center
Shoji Tsuji, The University of Tokyo
International University of Health and Welfare

PM 13:00 ~ 17:25
Oncolytic Virotherapy
Shohei Miyamoto, IMSUT
Masato Yamamoto, University of Minnesota

CAR-T Cell Therapy
Naoki Hosen, Osaka University
Renier J. Brentjens, Memorial Sloan Kettering Cancer Center

AAV Vector Gene Therapy
Shin-ichi Muramatsu, Jichi Medical University
IMSUT-CGCT
Tsukasa Ohmori, Jichi Medical University
Hiroyuki Nakai, Oregon Health & Science University
Katherine A. High, Spark Therapeutics

Closing Remarks
Keiya Ozawa, Director, IMSUT-CGCT

Buffet-style Dinner Party at Tomy Hall
(IMSUT Hospital, 8F, 17:45 ~ 19:30)

Secretariat
Division of Genetic Therapeutics
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Opening Remarks
10:00–10:05
Yoshinori Murakami
Dean, The Institute of Medical Science, The University of Tokyo (IMSUT)

Introduction
10:05–10:20
Keiya Ozawa: Director, Center for Gene & Cell Therapy (CGCT), IMSUT

Part 1 Cellular Therapy
Chairperson: Makoto Otsu (IMSUT)
10:20–10:45
New aspects of cord blood transplantation as cellular therapy
Satoshi Takahashi
Division of Molecular Therapy, Advanced Clinical Research Center, IMSUT

10:45–11:10
Multi-virus specific T cell therapy for drug-resistant viral infection following hematopoietic cell transplantation
Tomohiro Morio
Department of Pediatrics and Developmental Biology
Tokyo Medical and Dental University (TMDU)

Chairperson: Tokiko Nagamura (IMSUT)
11:10–11:35
Clinical applications of umbilical cord blood stem cells and cord-derived mesenchymal stromal cells for neonatal encephalopathy
Masahiro Tsuji
Department of Regenerative Medicine and Tissue Engineering
National Cerebral and Cardiovascular Center

11:35–12:00
Hematopoietic stem cell transplantation for adult cerebral form of adrenoleukodystrophy
Shoji Tsuji
Department of Molecular Neurology, The University of Tokyo
International University of Health and Welfare

12:00–13:00
Lunch Time

Part 2 Oncolytic Virotherapy
Chairperson: Tomoki Todo (IMSUT)
13:00–13:25
Development of oncolytic coxsackievirus therapy for the clinical trial
Shohei Miyamoto
Project Division of ALA Advanced Medical Research, IMSUT

13:25–13:55
Infectivity selective adenovirus based on adenovirus library screening
Masato Yamamoto
Division of Basic and Translational Research, University of Minnesota
Part 3  CAR-T Cell Therapy
Chairperson: Arinobu Tojo (IMSUT)
13:55~14:20
The activated conformation of integrin β7 is a novel multiple myeloma–specific target for CAR T-cell therapy
Naoki Hosen
Department of Cancer Stem Cell Biology, Osaka University

14:20~15:00
CARS and armored CARS
Renier J. Brentjens
Cellular Therapeutics
Memorial Sloan Kettering Cancer Center

15:00~15:20  Coffee Break

Part 4  AAV Vector Gene Therapy
Chairperson: Toshio Kitamura (IMSUT)
15:20~15:45
Gene therapy for CNS disorders: current protocols and future applications
Shin-ichi Muramatsu
Division of Neurology, Jichi Medical University
Center for Gene & Cell Therapy (CGCT), IMSUT

15:45~16:10
CRISPR/Cas9-mediated genome editing for hemophilia B by AAV vector
Tsukasa Ohmori
Department of Biochemistry, Jichi Medical University

Chairperson: Kenzaburo Tani (IMSUT)
16:10~16:40
New insights into adeno-associated virus (AAV) vectors obtained by DNA/RNA barcoding
Hiroyuki Nakai
Oregon Health & Science University

16:40~17:20
AAV-mediated gene therapy for genetic disease: clinical studies in congenital blindness and hemophilia
Katherine A. High
Spark Therapeutics

Closing Remarks
17:20~17:25
Keiya Ozawa: Director, Center for Gene & Cell Therapy (CGCT), IMSUT

17:45~19:30  Buffet-style Dinner Party at Tomy Hall (IMSUT Hospital, 8F)  
(Fee: 3,000 yen)

Organized by IMSUT-CGCT
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