

The 4th IMSUT-CGCT Symposium 2017



Date: Tuesday June 27, 2017
Venue: IMSUT Hospital, 8F (Tomy Hall)



Moderator: Sumimasa Nagai (IMSUT)

Opening Remarks

9:30~9:40

Yoshinori Murakami

Dean, The Institute of Medical Science, The University of Tokyo (IMSUT)

Introduction

9:40~10:00

Keiya Ozawa

Director, Center for Gene & Cell Therapy (CGCT), IMSUT

Chairperson: Toshio Kitamura (IMSUT)

10:00~10:30

**Development of innovative DNA-based medicine for diabetic peripheral neuropathy:
Scientific basis and results of phase II studies in the US**

Sunyoung Kim

School of Biological Sciences, Seoul National University / ViroMed, Co Ltd., Korea

10:30~11:00

Adeno-associated virus (AAV)-based gene therapy

Shin-ichi Muramatsu

Division of Neurology, Jichi Medical University
Center for Gene & Cell Therapy (CGCT), IMSUT

Chairperson: Jeongbin Yim (SIMS/SNU, A-IMBN, Korea)

11:00~11:30

Antisense oligonucleotide (ASO) therapy, Nusinersen, for spinal muscular atrophy (SMA)

Shinichi Torii

Biogen Japan Ltd.

11:30~12:00

Application of human pluripotent stem cells for neurodegenerative disease modeling study

Jae-won Shim

Soonchunhyang Institute of Medi-bio Science (SIMS), Soonchunhyang University, Korea

12:00~13:00



Lunch Time



Chairperson: Kenzaburo Tani (IMSUT)

13:00~13:30

Modeling of retinal degeneration and its application to develop therapeutic strategy

Sumiko Watanabe

Division of Molecular and Developmental Biology, IMSUT

13:30~14:00

Clinical development of oncolytic HSV-1 armed with IL-12

Ryuhei Okuyama

Department of Dermatology, Shinshu University School of Medicine

Chairperson: Maoyen Chi (CSHL Asia, China)

14:00~14:30

25 Years after the discovery of JAK-STAT pathway: A “PeriGenetic” model for cancer, inflammation and precision medicine

Xin-Yuan Fu

Cancer Science Institute of Singapore, National University of Singapore, Singapore

14:30~15:00

CAR (chimeric antigen receptor)-T cell therapy for solid tumors

Koji Tamada

Yamaguchi University Graduate School of Medicine
Center for Gene & Cell Therapy (CGCT), IMSUT

15:00~15:30



Coffee Break



Chairperson: Tomoki Todo (IMSUT)

15:30~16:00

Characteristics and clinical applications of umbilical cord-derived mesenchymal stromal cells

Tokiko Nagamura-Inoue

Department of Cell Processing and Transfusion / IMSUT CORD, IMSUT

16:00~16:30

Adipose-derived mesenchymal stem cells: Potential for metabolic reprogramming

Shigeki Sugii

Singapore Bioimaging Consortium, A*STAR / Duke-NUS Medical School, Singapore

16:30~17:00

Clinical sequencing in hematological malignancies with AI assistance

Arinobu Tojo

Division of Molecular Therapy, Advanced Clinical Research Center, IMSUT

Concluding Remarks

17:00~17:15

Ken-ichi Arai

Health & Medicine Paradigm Shift Consortium (HMPS) / Asia-pacific International
Molecular Biology Network (A-IMBN) / IMSUT / SBI Biotech

17:45~19:00

Reception/Dinner at IMSUT Medical Science Museum (Invitation-only)

Organized by IMSUT-CGCT
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【Secretariat】

Division of Genetic Therapeutics, Advanced Clinical Research Center, IMSUT
4-6-1 Shirokanedai, Minato-ku, Tokyo 108-8639, JAPAN
TEL: +81-3-5449-5580 FAX: +81-3-5449-5443