

Program

Opening Remarks (Room 116):

9:30 **Masayuki Yamamoto**, M.D., Ph.D.

Associate Provost

Graduate School of Comprehensive Human Sciences

University of Tsukuba

Chair: Kazuko Shibuya

Shin-ichiro Honda,

University of Tsukuba

Session I: Oral Presentation by Selected Graduated Students 17

9:35 I-1 **Chigusa Nakahashi (Prof. Akira Shibuya)**,

University of Tsukuba

Dual assemblies of an activating immune receptor, MAIR-II, with ITAM-bearing adapters DAP12 and FcR γ chain on peritoneal macrophages

9:50 I-2 **Kaoru Nouno (Prof. Kyosuke Nagata)**,

University of Tsukuba

Oncogenic function of SET-CAN, a fusion protein associated with a leukemia

10:05 I-3 **Chihiro Arikawa (Prof. Yasunori Kanaho)**,

University of Tsukuba

Accumulation of phosphatidylethanol produced by phospholipase D is responsible for ethanol-induced apoptotic cells death

10:20 I-4 **Michito Hamada (Prof. Satoru Takahashi)**,

University of Tsukuba

MafB is essential for F4/80 expression in Macrophages

- 10:35 I-5 **Naoko Watanabe (Prof. Toshio Kitamura),**
University of Tokyo
 A BMT model mice for Myelodysplastic Syndromes (MDS)
 and transformation to AML
- 10:50 I-6 **Hiroaki Ito (Prof. Atsushi Miyajima),**
University of Tokyo
 Development of thymic dendritic cells in the fetus
- 11:05 I-7 **Yosuke Kamimura (Prof. Miyuki Azuma),**
Tokyo Medical and Dental University
 Characterization of a novel B7 family molecule, B7-H4
- 11:20 I-8 **Rayna Takaki (Prof. Lewis L. Lanier),**
University of California, San Francisco
 Enhanced NK cell effector functions in DAP12-deficient
 mice

11:35 Lunch

Chair: Miyuki Azuma

Session II: Presentation by Invited Speakers-I 8

- 13:00 II-1 **Miyuki Azuma, Professor, Tokyo Medical and Dental University**
 Immune regulation by emerging B7 family molecules
- 13:20 II-2 **Akira Shibuya, Professor, University of Tsukuba**
 DNAM-1 biology for 10 years in Japan -dnam is not damn
- 13:40 II-3 **Hisashi Arase, Professor, Osaka University**
 Regulation of immune response by paired receptors
- 14:00 II-4 **Koetsu Ogasawara, Principal Investigator,**
International Medical Center,
 Role of NK activating receptor, NKG2D

14:20 **Poster Presentation by Graduated Students (Room 115)**

Chair: Atsushi Miyajima

Session III: Presentation by Invited Speakers -II 12

- 15:40 III-1 **Toshio Kitamura**, *Professor, The University of Tokyo*
Learning from model mice for leukemia and myelodysplastic syndromes (MDS)
- 16:00 III-2 **Takahiko Hara**, *Principal Investigator, The Tokyo Metropolitan Institute of Medical Science*
Identification and characterization of molecules which control the function of stem cells
- 16:20 III-3 **Atsushi Miyajima**, *Professor, The University of Tokyo*
Liver stem cells
- 16:40 III-4 **Naoko Arai**, *Visiting Professor, University of Tsukuba and Ginkgo Biomedical Research Institute*
Title to be announced

Chair: Akira Shibuya

Session IV: Special Lecture 6

- 17:00 **Lewis L. Lanier**,
Professor, University of California, San Francisco and the Vice President of American Association of Immunologist
Negative regulation of immune responses by ITAM-bearing receptors

Closing remarks :

- 18:00 Akira Shibuya
- 18:05 Reception (Room 117)

(Room 115)

Program for Poster Session (14:20~15:40) 25

- P-1: **Hirayasu Kai (Prof. Akira Shibuya)**, *University of Tsukuba*
A role of DNAM-1 (CD226) in T cell activation and differentiation
- P-2: **Yinan Wang (Prof. Akira Shibuya)**, *University of Tsukuba*
LFA-1 increases the TCR signal strength that determines IL-12-independent Th1 development from naïve CD4⁺ T cells
- P-3: **Michiko Kumakura (Prof. Kyosuke Nagata)**, *University of Tsukuba*
Toward understanding of the assembly mechanism of the Influenza virus segmented genome
- P-4: **Kazuteru Hasegawa (Prof. Satoru Takahashi)**,
University of Tsukuba
Abnormal macrophage activation and lethal anemia in *mafB/c-maf* double-deficient mouse embryo
- P-5: **J. Fukuzawa (Prof. Nobuhiro Ohkohchi)**, *University of Tsukuba*
The advantage of early enteral feeding on the healing of jejunal anastomoses in the rat
- P-6: **Reiko Hoshi (Prof. Nobuhiro Ohkohchi)**, *University of Tsukuba*
Freeze-dried platelets promote hepatocyte proliferation
- P-7: **Osamu Ikeda (Prof. Nobuhiro Ohkohchi)**, *University of Tsukuba*
Hepatic branch vagotomy deteriorates liver regeneration after partial hepatectomy
- P-8: **Soichiro Murata (Prof. Nobuhiro Ohkohchi)**, *University of Tsukuba*
Platelets promote liver regeneration after extensive hepatectomy
- P-9: **Andriy Myronovych (Prof. Nobuhiro Ohkohchi)**,
University of Tsukuba
Platelets contribute to liver regeneration after partial hepatectomy - analysis of cDNA microarra