

Department Summer Seminar Program

* 1人20分前後：15分発表、5分討論を目安として下さい。

* パワーポイントスライドは英語でお願い致します。発表は日本語、英語、自由です。

* 第1日目 7月9日(月) July 9, Mon 11:00 ~ 17:30

I Progress of human tumor immunology I

【 11:00~12:00 Chairperson/Y. Hirohashi 廣橋 良彦 】

1. The CSC/CIC of CSC/CIC, primordial CSC/CIC Y. Hirohashi 廣橋 良彦
2. Potentialities of immunotherapy targeting colon cancer initiating cells R. Morita 守田 玲菜
3. The biological significance of cancer stem-like cell(CSC) / cancer-initiating cell(CIC) in immune systems. H. Saijo 西條 浩

Lunch Time 【 12:00~13:00 】

II Progress of human tumor immunology II

【 13:00~14:00 Chairperson/R. Morita 守田 玲菜 】

4. SP cells and/or ALDH1-high cells are Quasi-Cancer Stem Cells ? K. Yasuda 安田 和世
5. 3-dimensional culture and analysis of Cancer stem-like cells from ovarian carcinoma T. Kuroda 黒田 敬史
6. Approaches of cancer stem cell in primary oral cancer F. Junki 藤野 準己

Coffee Break 【 14:00~14:10 】

III Elucidation of antigen processing and presentation I

【 14:10~15:10 Chairperson/V. Kochin コーチン・ビタリー 】

7. The unique MHCI peptides presented by antigen processing defect (APD) T. Kanaseki 金関 貴幸

8. The stressed cells are potential targets for CD8+T cell recognition in vivo

T. Sasaki 佐々木 敬則

9. Antigen processing and pMHC1 repertoire of cancer stem cells

V. Kochin コーチン・ビタリー

Coffee Break 【 15 : 10~15 : 20 】

IV Regulation of immune response and diseases

【 15 : 20~16 : 40 Chairperson/T. Kanaseki 金関 貴幸 】

10. A novel autocrine-paracrine loop of TSLP in atopic dermatitis is mediated by p63

T. Kubo 久保 輝文

11. Role of POU2AF1+ T follicular helper cells in human immunity

K. Yamashita 山下 恵司

12. Building a functional immune system and diseases

Y. Mitsuhashi 三橋 由佳梨

13. Rapid appearance and attenuation of membrane diacylglycerol in nascent immune synapse directs essential signalling.

T. Suzuki 鈴木 健史

Coffee Break 【 16 : 40~16 : 50 】

V Progress of human tumor immunology III

【 16 : 50~17 : 30 Chairperson/N. Sato 佐藤 昇志 】

14. Clinical Study of Survivin-2B peptide vaccine therapy in Higashi Sapporo Hospital

H. Kameshima 亀嶋 秀和

15. hEro1, the next generation biomarker of breast cancer. Recent status of vaccine therapy.

G. Kutomi 九富 五郎

Dinner

* 第2日目 7月10日(火) July 10, Tue 9:00 ~ 15:30

VI Elucidation of antigen processing and presentation II

【 9:00~10:20 Chairperson/T. Kajiwara 梶原 敏充 】

16. Pivotal role of Hsp90 in autoimmune diseases. Y. Tamura 田村 保明
17. hERO1-L α plays a key role in the assembly of MHC class I molecules in cancer microenvironment. K. Kukita 久木田 和晴
18. A role of ERO1 α in growth of a tumor T. Tanaka 田中 努
19. Hypoxia augments antigen presentation without changing the expression level of cell-surface MHC class I molecules T. Kajiwara 梶原 敏充

Coffee Break 【 10:20~10:30 】

VII Biomedical science and application

【 10:30~11:50 Chairperson/Y. Tamura 田村 保明 】

20. Mechanism study of wound healing prolongation using α -klotho mice M. Yamauchi 山内 誠
21. Structure of lymphatic vessels and lymphedema A. Sato 佐藤 明紀
22. Fucoidan from brown algae enhances QOL of cancerous patient, from a viewpoint of taste N. Takahashi 高橋 延昭
23. Near Infrared Fluorescence Spectrum and Imaging of Indocyanine Green (ICG) for Laparoscopy Diagnosis in Gastric Cancer L. Li /R. Shirogane 李 黎明、白銀 玲
(千歳科学技術大学)

Lunch Time 【 11:50~13:00 】

VIII Progress of human tumor immunology IV

【 13 : 00~14 : 20 Chairperson / T. Tsukahara 塚原 智英 】

24. Engineering artificial antibody recognizing HLA/peptide complex T. Tsukahara 塚原 智英
25. Identification of cancer-stem cell and a fusion gene in epithelioid sarcoma.
Memory stem T cell research M. Emori 江森 誠人
26. 1) Does interferon alpha enhance the immunogenicity of survivin-peptide vaccine in urothelial carcinoma patients?
2) HSP90 in solid organ transplantation. T. Tanaka 田中 俊明
27. Identification and molecular characteristic of bladder cancer stem-like cell R. Inoue 井上 隆太

Coffee Break **【 14 : 20~14 : 30 】**

IX Progress of human tumor immunology V

【 14 : 30~15 : 10 Chairperson / T. Torigoe 鳥越 俊彦 】

28. Single cell cloning of cancer stem cells revealed distinct characters. A. Takahashi 高橋 あかり
29. Near and distant future of tumor immunology research T. Torigoe 鳥越 俊彦

X Closing remark

【 15 : 10~15 : 30 N. Sato 佐藤 昇志 】