

Department Summer Seminar Program 2017

* 1人20分前後：15分発表、5分討論を目安として下さい。

* 第1日目 7月10日(月) July 10, Mon 13:10 ~ 18:00

Lunch Time 【 12:00~13:10 】

I Basic immunology: tumor antigens and antigen presentation

【 13:10~14:30 Chairperson/T. Kanaseki 金関 貴幸 】

1. HLA class I antigens, revised T. Kanaseki 金関 貴幸
2. State-of-the-art HLA-class I ligandome analysis S. Tokita 時田 芹奈
3. Long-non coding RNAs as a target of CTL surveillance Y. Kikuchi 菊池 泰弘
4. Proline defines a new rule of HLA class I antigen processing A. Hongo 本郷 歩

Coffee Break 【 14:30~14:45 】

II Molecular pathology and immunotherapy for human sarcoma

【 14:45~16:05 Chairperson/T. Tsukahara 塚原 智英 】

5. Immunotherapy for sarcoma T. Tsukahara 塚原 智英
6. Identification of osteosarcoma stem cell antigens regulating high tumor-initiating capacity.
E. Mizushima 水島 衣美
7. Molecular pathological diagnosis of bone and soft tissue tumors H. Isayama 諫山 治彦
(市立美唄病院)
8. The development of the artificial antibody reacting with cancer stem-like cell antigen DNAJB8-derived peptide presented by HLA-A24 H. Tadano 只野 裕己

Coffee Break 【 16:05~16:20 】

III Next-generation technology for immuno-oncology

【 16 : 20~18 : 00 Chairperson/M. Nakatsugawa 中津川 宗秀 】

9. The Deep Learning Revolution in Digital Pathology M. Nakatsugawa 中津川 宗秀
10. TCR-multimer: A new tool for the detection of HLA/peptide complex naturally presented on tumor cells. K. Watanabe 渡邊 一絵
11. TCR gene therapy targeting oral squamous cell carcinoma and colon cancer stem cells K. Tsuchihashi 土橋 恵
12. Photodynamic therapy using 5-aminolevulinic acid and talaporfin sodium for gastrointestinal cancer N. Kawai 河合 典子
13. Investigation of effective transporter for cancer cells by using a photosensitizer Talaporfin-sodium
T. Saito / K. Suzuki / L. Li 齋藤 琢磨、鈴木 健翔、李 黎明
(千歳科学技術大学)

Dinner Time 18 : 30 ~

* 第2日目 7月11日(火) July 11, Tue 9:00 ~ 11:10

IV Keynote Lecture

【 9:00~9:30 Chairperson/T. Torigoe 鳥越 俊彦】

14. Single cell transcriptome analysis for dissecting tumor microenvironment

S. Hashimoto 橋本 真一
(金沢大学)

V Human immunology and immunotherapy targeting cancer stem cells

【 9:30~10:50 Chairperson/Y. Hirohashi 廣橋 良彦】

15. (1) Differential bronchial epithelial response regulated by deltaNp63: a potential mechanism explaining chronicity of asthma

(2) Immunohistochemical analysis of a metastasized renal clear cell carcinoma to the lung showing resistance to anti-CTLA4 and anti-PD1 therapy: a case report

T. Kubo 久保 輝文

16. The destination of cancer immunotherapy

Y. Hirohashi 廣橋 良彦

17. FLJ43879 is a cancer/testis antigen, shows cancer stem-like cell's aspects in colorectal cancer.

L. Wang 王 利明

18. Analysis of Tumor Infiltrating CD8+ T cells in renal cell carcinoma

M. Matsuki 松木 雅裕

VI Closing remarks

【 10:50~11:10 】

19. Toward a prophylactic cancer vaccine

T. Torigoe 鳥越 俊彦