

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16日(火) July 16, Tue 11:00 ~ 17:50

I Primordial basics and application of tumor immunology I

【 11:00~11:40 Chairperson/T. Tsukahara 塚原 智英 】

1. Development of the functional probe expressing TCR directed against an autologous sarcoma stem-like cell antigen
T. Tsukahara 塚原 智英
2. Identification of a novel population of memory T cells with stress-resistant property
K. Murata 村田 憲治

Lunch Time 【 11:40~13:00 】

II Disclosing the blackbox in antigen processing I

【 13:00~14:00 Chairperson/T. Kajiwara 梶原 敏充 】

3. Who is bud guy? Tumor-associated macrophage (TAMura) or Tumor-associated neutrophil (TANaka) in ERO1-expressing tumor.
Y. Tamura 田村 保明
4. Impact of ERO1- α on tumor growth and pulmonary metastasis
T. Tanaka 田中 努
5. Endoplasmic reticulum oxidoreductin 1 alpha augments antigen presentation under tumor hypoxic environment
T. Kajiwara 梶原 敏充

Coffee Break 【 14:00~14:10 】

III Disclosing the blackbox in antigen processing II

【 14:10~14:50 Chairperson/V. Kochin コーチン・ビタリー 】

6. Introduction to the MHC I antigen processing and the generation of CD8+T cell ligands
T. Kanaseki 金関 貴幸
7. Identification of the novel and unique MHC I peptide produced by the absence of tapasin
Y. Shionoya 塩野谷 洋輔

Coffee Break 【 14 : 50 ~ 15 : 00 】

IV Primordial basics and application of tumor immunology II

【 15 : 00 ~ 16 : 00 Chairperson / T. Kanaseki 金関 貴幸 】

8. Large-scale MS/MS analysis of the naturally presented peptides bound to HLA-A24 in colon cancer cells
V. Kochin コーチン・ビタリー
9. The FAM83B peptide is naturally presented by HLA-A24 cancer initiating cells and elicits CTL responses
A. Takahashi 高橋 あかり
10. Gene expression profiling of naturally presented peptides in colon cancer cells
D. Morooka 諸岡 大地

Coffee Break 【 16 : 00 ~ 16 : 10 】

V Primordial basics and application of tumor immunology III

【 16 : 10 ~ 17 : 10 Chairperson / Y. Tamura 田村 保明 】

11. Stress signals are involved in Cancer stem-like cells
H. Kusumoto 楠本 浩貴
12. Detection of cancer stem-like cells of ovarian carcinoma, paradigm shift of current treatments.
T. Mariya 真里谷 奨
13. Establishment of primary stem-like sphere culture procedure in gynecological cancer.
Molecular relation of ovary cancer-stem like cells and testis.
T. Asano 浅野 拓也

VI Update of clinical trials of cancer vaccines

【 17 : 10 ~ 17 : 50 Chairperson / H. Kameshima 亀嶋 秀和 】

14. Clinical Study of Survivin-2B peptide vaccine therapy in Higashi Sapporo Hospital
H. Kameshima 亀嶋 秀和
15. Efficacy and safety of SUCCESS; Study for Unresectable Cancer CELL with Svn2B peptide vaccine in Sapporo.
A phase I study of SVN-2B vaccination for metastatic gastrointestinal cancer patients
H. Shima 島 宏彰

Sunset Dinner 18 : 30 ~ 20 : 00

* 第2日目 7月17日(水) July 17, Wed 9:10 ~ 14:15

VII Biomedical science and application

【 9:10~10:30 Chairperson/N. Takahashi 高橋 延昭 】

16. The present researches concerning fucoidan (sugar) and fucoxanthin (pigment) from brown algae
N. Takahashi 高橋 延昭
17. The influence of lymphangiogenesis to leptin stimulation
A. Sato 佐藤 明紀
18. Fluorescence Lifetime Imaging Study of the Rat Cancer Cells and Normal Cells
D. Moriya / L. Li 守谷 大樹、李 黎明
19. Localized production of phosphatidic acid selectively recruits PKC θ at cSMAC.
T. Suzuki 鈴木 健史
(Department of Biology, Center for Medical Education, Sapporo Medical University)

Coffee Break 【 10:30~10:40 】

VIII Primordial basics and application of tumor immunology IV

【 10:40~11:40 Chairperson/Y. Hirohashi 廣橋 良彦 】

20. Cancer immunology; the next generation
Y. Hirohashi 廣橋 良彦
21. The search for the cancer stem-like(or initiatig)cells of digestive cancers.
-Is there "the truth" beyond the fog?
T. Ogawa 小川 宰司
22. Approaches of cancer stem cell in primary oral cancer
J. Fujino 藤野 準己

Lunch Time 【 11:40~13:00 】

IX Primordial basics and application of tumor immunology V

【 13 : 00~14 : 00 Chairperson / T. Torigoe 鳥越 俊彦 】

23. Epigenetic regulation of lung cancer stem-like cell gene SOX2 H. Saijo 西條 浩
24. Novel therapeutic strategies for muscle invasive bladder cancer. R. Inoue 井上 隆太
25. Spermatogenesis and cancer initiating cells -the enigmatic relationship- T. Torigoe 鳥越 俊彦

X Closing remark

【 14 : 00~14 : 15 N. Sato 佐藤 昇志 】