

Department Winter 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 12月15日(月) Dec 15, Mon 10:30 ~ 17:10

I Basic principles of tumor immunity I

【 10:30~11:50 Chairperson/T. Tsukahara 塚原 智英 】

1. New antibodies directed to tumor-associated HLA/peptide complex
T. Tsukahara 塚原 智英
2. T cell immunomonitoring and TCR cloning in patients immunized with HLA-A24 survivin-2B/PBF peptides.
K. Watanabe 渡邊 一絵
3. Identification of a novel human T cell population with the characteristics of stem cell memory
K. Murata 村田 憲治
4. Establishment of the artificial CTL clone expressing TCR highly reacting with autologous SP cells towards identification of a sarcoma stem cell antigen.
Y. Shibayama 芝山 雄二

Lunch Time 【 11:50~13:00 】

II Basic principles of tumor immunity II

【 13:00~14:00 Chairperson/T. Kanaseki 金関 貴幸 】

5. Natural peptides and cancer immunotherapy
T. Kanaseki / D. Morooka 金関 貴幸 / 諸岡 大地
6. HLA-A24 peptidomics of cancer and cancer stem cells
V. Kochin コーチン・ビタリー
7. CTL responses to the natural ASB4 peptide presented by cancer stem cells
S. Miyamoto 宮本 昇

Coffee Break 【 14:00~14:10 】

III Basic principles of tumor immunity III

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

8. A novel strategy to cope with tapasin-deficient variants of cancers
Y. Shionoya 塩野谷 洋輔
9. Finding natural peptides presented by HLA-A2 of cancer stem cells
S. Hamada 濱田 早紀
10. MHC class I antigen processing of cancer stem cells
M. Ueki 植木 美渚

Coffee Break 【 15 : 10~15 : 20 】

IV Molecular nature of stress responses I

【 15 : 20~16 : 20 Chairperson/T. Suzuki 鈴木 健史 】

11. Unexpected link of cancer-associated ERO1- α and Yamanaka factor KLF-4 in cancer stem-like cell
T. Tanaka 田中 努
12. Elucidation of hypoxia-inducible transcriptional factor of ERO1- α
T. Kajiwara 梶原 敏充
13. An exploration of priming factor from patient plasma in NHTR (Non-hemolytic transfusion reactions)
D. Takahashi 高橋 大輔

Coffee Break 【 16 : 20~16 : 30 】

V Progress and perspective in clinical study

【 16 : 30~17 : 10 Chairperson/G. Kutomi 九富 五郎 】

14. An interim report of SUCCESS: Phase II study for inoperable pancreatic cancer patients.
H. Shima 島 宏彰
15. Next stage of Department of Surgery, Surgical Oncology and Science
G. Kutomi 九富 五郎

* 第2日目 12月16日(火) Dec 16, Tue 9:40 ~ 17:25

VI Post - modern aspect of biological research

【 9:40~10:20 Chairperson/Y. Hirohashi 廣橋 良彦 】

16. New Molecular Pathology (Integrated single cell transcriptome) S. Hashimoto 橋本 真一
(Kanazawa University)
17. Live cell imaging of the ASB4-specific CTL
T. Suzuki / C. Nakayama 鈴木 健史 / 中山 智絵

Coffee Break 【 10:20~10:30 】

VII Basic principles of tumor immunity IV

【 10:30~11:50 Chairperson/R. Morita 守田 玲菜 】

18. The immunological aspects of cancer stem-like cells. Y. Hirohashi 廣橋 良彦
19. Novel markers for colon cancer stem cells. E. Morita 守田 玲菜
20. Glycosialylation may play a important role in maintaining stemness in colorectal cancer.
T. Ogawa 小川 宰司
21. Immune system-related molecule expression in cancer stem cells H. Maruyama 丸山 創

Lunch Time 【 11:50~13:00 】

VIII Basics of bioscience

【 13:00~14:00 Chairperson/L. Li 李 黎明 】

22. Leptin inhibits Human lymphatic endothelial cells to tube formation by inhibiting the expression of IL-6 receptor. A. Sato 佐藤 明紀
23. Fluorescence laparoscopy imaging of sentinel lymph node metastasis in vivo mouse model
T. Saito / L. Li 齋藤 琢磨 / 李 黎明
(Chitose Institute of Science and Technology)

24. The introduction of an improved method on the measurement of total collagen content in cultured cells
N. Takahashi 高橋 延昭

Coffee Break 【 14 : 00~14 : 10 】

IX Molecular nature of stress response and tumor immunity II

【 14 : 10~15 : 30 Chairperson / S. Hashimoto 橋本 真一 】

25. Immunological Aspects of Colorectal Cancer Stem Cells
L. Wang 王 利明
26. Lung cancer stem-like cells are generated by epigenetic regulation attributing to oxidative stress
H. Saijo 西條 浩
27. Trial of the genome editing using the CRISPR/cas9 system for research on tumor maintenance of SOX2 gene
R. Horibe 堀部 亮多
28. Analysis of CSC related gene Dnajb8 using the knockout system of CRISPR/Cas9
M. Yamashita 山下 真路

Coffee Break 【 15 : 30~15 : 45 】

X Basic principles of tumor immunity V

【 15 : 45~17 : 05 Chairperson / S. Takahashi 高橋 秀史 】

29. Arrhythmogenic right ventricular cardiomyopathy and sudden cardiac death
S. Takahashi 高橋 秀史
30. BORIS variant subfamily 6 is involved in gynecological cancer stemness and can be a immunological therapeutic target.
T. Asano 浅野 拓也
31. Enigmatic mechanisms of keeping stemness in ovarian CSCs, depending on MMP10
T. Mariya 真里谷 奨
32. Immunopathological properties of cancer stem cells: CST antigens and immune checkpoint ligands
T. Torigoe / H. Asanuma 鳥越 俊彦 / 浅沼 広子

XI Closing remark

【 17 : 05~17 : 25 】

33. The final message to the Department
N. Sato 佐藤 昇志