

Department Summer Seminar Program 2015

* 1人 15分前後：10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21日(火) July 21, Tue 13:30 ~ 18:15

I Innovative immunotherapy to sarcoma

【 13:30~14:30 Chairperson/T. Tsukahara 塚原 智英】

1. *Antibody targeting cancer stem cell antigen* T. Tsukahara 塚原 智英
2. *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
3. *Establishment of new cell lines stable expressing TCR directed to the tumor-associated antigens survivin-2B and PBF* K. Watanabe 渡邊 一絵
4. *Targeting osteosarcoma stem cell* E. Mizushima 水島 衣美

Coffee Break 【 14:30~14:40 】

II HLA class I peptidomics for cancer immunotherapy

【 14:40~15:40 Chairperson/T. Kanaseki 金関 貴幸】

5. *The pioneer round of RNA translation: a novel source of cancer peptide vaccine?*
T. Kanaseki / Y. Kikuchi 金関 貴幸 / 菊池 泰弘
6. *Unveiling the HLA-A24 ligandome of human cancers* V. Kochin コーチン・ビタリー
7. *Natural peptides presented by HLA-A2 of human CSCs*
S. Hamada / S. Tokita 濱田 早紀 / 時田 芹奈
8. *Does the ASB4 gene confer a property of cancer stem cell?*
A. Hongo / R. Yamazaki 本郷 歩 / 山崎 里久

Coffee Break 【 15:40~15:50 】

III Novel life technologies targeting cancers

【 15 : 50~16 : 50 Chairperson/K. Watanabe 渡邊 一絵】

9. *Identification of a novel human T cell population with the characteristics of stem cell memory*
K. Murata 村田 憲治
10. *Live cell imaging and CTL responses to cancers*
C. Nakayama / T. Suzuki 中山 智絵 / 鈴木 健史
11. *Antigen processing of cancer stem cells*
M. Ueki 植木 美渚
12. *Photodynamic diagnosis of peritoneal metastatic cancer using Photosensitizer Talaporfin in vivo*
R. Hayashi / L. Li 林 遼馬 / 李 黎明
(Chitose Institute of Science and Technology)

Coffee Break 【 16 : 50~17 : 00 】

IV Unveiling the biological aspects of cancer stem cells

【 17 : 00~18 : 15 Chairperson/Y. Hirohashi 廣橋 良彦、
V. Kochin コーチン・ビタリー】

13. *The cell of origin leading to the evolution of cancer stem cells*
Y. Hirohashi 廣橋 良彦
14. *ST6GALNAC1 plays an important role in maintaining stemness of colorectal cancer*
T. Ogawa 小川 宰司
15. *Searching For The Cancer Stem Cell of Primary Colorectal Cancer, Just Beginning*
L. Wang 王 利明
16. *Cancer stem cells of primary endometrial carcinoma*
Y. Tabuchi 田渕 雄大
17. (1) *A report of progression of Phase II clinical study of vaccine therapy using survivin-2B peptide/STI01 for patients with advanced or recurrent pancreatic cancer. (SUCCESS-II)*
(2) *The new finding of relationship between the site of SOX2 expression and prognosis in operable breast cancer patients*
H. Shima 島 宏

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Dinner Time 18 : 45 ~

* 第2日目 7月22日(水) July 22, Wed 9:00 ~ 11:15

V Cellular stress biology

【 9:00~9:45 Chairperson/T. Kajiwara 梶原 敏充 】

18. *The association between ERO1- α and reactive oxygen species* T. Kajiwara 梶原 敏充
19. *The impact of cancer specific oxidase ERO1- α on the tumor* T. Tanaka 田中 努
20. *ETAS, stress and it protects us!* Y. Hashino / A. Nakayama 橋野 結子 / 中山 綾子

Coffee Break 【 9:45~9:55 】

VI Immune responses against cancer stem cells

【 9:55~10:40 Chairperson/S. Hashimoto 橋本 真一 】

21. *CTLs specific to the ASB4 gene product attack human CSCs* S. Miyamoto 宮本 昇
22. *The expression of cancer testis antigen BORIS gene in the lung cancer and examination of the cytotoxic T cell therapy to BORIS antigen* R. Horibe 堀部 亮多
23. *Immune system-related molecule expression in cancer stem cells* H. Maruyama 丸山 創

VII Special Lecture

【 10:40~11:00 Chairperson/T. Torigoe 鳥越 俊彦 】

24. *Comprehensive understanding of the heterogeneous tumor microenvironment by single-cell transcriptome analysis* S. Hashimoto 橋本 真一
(Kanazawa University)

VIII Closing remarks

【 11:00~11:15 】

25. (1) *The topics in CIMT2015*
(2) *The research perspective opened out before us* T. Torigoe 鳥越 俊彦