

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8日(火) July 8, Tue 10:30 ~ 18:00

I Basics and application of tumor immunology I

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

1. Phage display antibody towards targeting sarcoma stem cells T. Tsukahara 塚原 智英
2. Identification of a novel human T cell population with the characteristics of stem cell memory
K. Murata 村田 憲治
3. 1) Establishment of the artificial CTL clone expressing TCR highly reacting with autologous SP cells towards identification of a sarcoma stem cell antigen.
2) Identification of osteosarcoma stem cell antigens recognized by humoral and cellular immunity.
Y. Shibayama 芝山 雄二

Coffee Break 【 11:30~11:40 】

II Basics and application of tumor immunology II

【 11:40~12:40 Chairperson/Y. Hirohashi 廣橋 良彦 】

4. The key that make difference in cancer stem cells Y. Hirohashi 廣橋 良彦
5. CTL's best targets for effective tumor regressions in vivo: cancer stem or non-stem cells?
D. Morooka 諸岡 大地
6. The analysis of CSC related gene using the system of conditional knockout in vivo
M. Yamashita 山下 真路

Lunch Time 【 12:40~13:40 】

III Disclosing the blackbox in antigen processing and presentation I

【 13:40~15:00 Chairperson/T. Kanaseki 金関 貴幸 】

7. MHC class I antigen processing and pathogenesis T. Kanaseki 金関 貴幸
8. MHC class I antigen processing of cancer stem cells M. Ueki 植木 美渚

9. ERAAP polymorphisms and the molecular mechanisms of Behcet disease development
S. Hamada / C. Nakayama 濱田 早紀 / 中山 智絵
10. Aiming at the unusual MHC I peptides presented by cancers with antigen processing defects
Y. Shionoya 塩野谷 洋輔

Coffee Break 【 15 : 00~15 : 15 】

IV Basics and application of tumor immunology III

【 15 : 15~16 : 15 Chairperson / A. Maeda 前田 亜希子 】

11. Isolation and analysis of the cancer stem cells from human primary colorectal cancer
T. Ogawa 小川 宰司
12. Lung cancer stem-like cells are generated by epigenetic regulation attributing to oxidative stress
H. Saijo 西條 浩
13. The role of SOX2 for tumor maintenance
R. Horibe 堀部 亮多

V Update of clinical trials of cancer vaccines

【 16 : 15~16 : 55 Chairperson / H. Shima 島 宏彰 】

14. Establishment of a stable T lymphoma cell line transduced with HLA-A*24:02-restricted survivin-2B-specific TCR genes.
K. Watanabe 渡邊 一絵
15. The latest finding from SUCCESS: A phase I and phase II study of SVN-2B vaccination
H. Shima 島 宏彰

Coffee Break 【 16 : 55~17 : 10 】

VI Progress in biomedical science I

【 17 : 10~18 : 00 Chairperson / T. Suzuki 鈴木 健史 】

16. Introduction to my imaging techniques useful for our possible collaborative study
T. Suzuki 鈴木 健史
17. The path to pharmacological therapies for retinal degenerative diseases
A. Maeda 前田 亜希子

Dinner Time 18 : 30 ~

* 第2日目 7月9日(水) July 9, Wed 8:45 ~ 15:50

VII Disclosing the blackbox in antigen processing and presentation II

【 8:45~9:45 Chairperson/T. Kajiwara 梶原 敏充 】

18. Impact of the enhanced expression of ERO1- α within the tumor on tumor growth and antitumor immunity T. Tanaka 田中 努
19. Elucidation of transcriptional mechanism of ERO1-L α T. Kajiwara 梶原 敏充
20. The role of leptin on lymphatic endothelial cells. A. Sato 佐藤 明紀

Coffee Break 【 9:45~10:00 】

VIII Progress in biomedical science II

【 10:00~10:40 Chairperson/N. Takahashi 高橋 延昭 】

21. Brain stem hemorrhage due to cerebral amyloid angiopathy: an autopsy case of early-onset Alzheimer disease S. Ohtani 大谷 静治
(Department of Legal Medicine, Asahikawa Medical University)
22. Introduction of spontaneously and artificially atopic dermatitis mouse.
D. Morooka / N. Takahashi 諸岡 大地 / 高橋 延昭

Coffee Break 【 10:40~10:55 】

IX Progress in biomedical science III

【 10:55~11:55 Chairperson/H. Sahara 佐原 弘益 】

23. Overview of Sahara Lab for 2008-2014. H. Sahara 佐原 弘益
(Azabu University)
24. New aspect of molecular target therapy of cancer. A. Tanabe 田辺 敦
(Azabu University)
25. The pathway of MHC II-restricted antigen presentation by SNARE chaperoning.
T. Shisido 宍戸 達也
(Azabu University)

Lunch Time 【 11:55~12:55 】

X Basics and application of tumor immunology IV

【 12 : 55~13 : 35 Chairperson/S.Hashimoto 橋本 真一 】

26. BORIS variants are expressed in gynecological cancer stem cells-specific manner and associated with stemness. T. Asano 浅野 拓也

27. Cancer "Uterus" antigen? Novel target of ovarian cancer stem cells, MMP10
T. Mariya 真里谷 奨

Coffee Break **【 13 : 35~13 : 50 】**

XI Basics and application of tumor immunology V

【 13 : 50~14 : 50 Chairperson/V.Kochin コーチン・ビタリー 】

28. HLA-A24 peptidomics of cancer cells V. Kochin コーチン・ビタリー

29. Cancer stem cell specific NAPs as targets for CTL immunotherapy: ASB4
S. Miyamoto 宮本 昇

30. Cancer stem cell specific NAPs as targets for CTL immunotherapy: FAM83B
A. Takaya 高谷 あかり

XII Basics and application of tumor immunology VI

【 14 : 50~15 : 30 Chairperson/T.Torigoe 鳥越 俊彦 】

31. New Molecular Pathology (Integrated single cell transcriptome) S. Hashimoto 橋本 真一
(Kanazawa University)

32. 1) Enigmatic relationship between spermatogenesis and cancer stem cell
2) Autoimmune limbic encephalitis: a novel side effect of vaccination
T. Torigoe 鳥越 俊彦

XIII Closing remark

【 15 : 30~15 : 50 N.Sato 佐藤 昇志 】