

# Department Winter Seminar Program 2025

\* 通常 Session は質疑応答を含め 1 人 20 分を目安として下さい。

12 月 23 日 (火) Dec 23, Tue 9 : 30 ~ 16 : 50

## I Cancer Immunotherapy #1

【 9 : 30~10 : 30 Chairperson/K. Murata 村田 憲治 】

1. Cutting-edge platforms for discovering tumor-reactive TCRs and their cognate antigens  
K. Murata 村田 憲治
2. TCR-antigen comprehensive characterization by T-scan. K. Sasaki 佐々木 健太
3. (1) Single-cell TCR repertoire analysis reveals peptide-independent HLA class-I reactive CD8<sup>+</sup> T cells in seminoma.  
(2) Development of CAR-T therapy harnessing lactate metabolism to boost T-Cell response.  
T. Ogasawara 小笠原 卓音

## II Cancer Biology

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

4. How Cancer Uses “Ectopic” Receptors R. Morita 守田 玲菜
5. Spatial Localization of HLA Class I and CD8<sup>+</sup> T-cells Associated with Prognosis in Uterine Leiomyosarcoma: A Digital Image Analysis Study S. Saito 齋藤 晋平
6. Exploring the Role of Heat Shock Transcription Factor1(HSF1) in Antigen Presentation  
X. Liao 廖 雪洪

## III T cell biology

【 11 : 30~12 : 00 Chairperson/Y. Hirohashi 廣橋 良彦 】

7. Adaptive restoration of T cell activity through cold acclimation T. Suzuki, M. Hattori 鈴木 健史  
(Department of Biology, Sapporo Medical University)

Lunch Time 【 12 : 00~13 : 00 】

## IV Cancer Immunotherapy #2

【 13 : 00~14 : 00 Chairperson/T. Tsukahara 塚原 智英 】

8. Immunotherapy for sarcoma T. Tsukahara 塚原 智英

9. Identification of an antigen recognized by tumor-infiltrating lymphocyte in a patient with osteosarcoma  
T. Itabashi 板橋 尚秀

10. Impact of ICAM-1 Expression on Ovarian Cancer Pathogenesis and its Association with TP53 Status  
S. Ogawa 小川 栞

## **V Cancer Immunotherapy #3**

**【 14 : 00～15 : 00 Chairperson／T. Kubo 久保 輝文 】**

11. Molecular pathology of epithelial immune responses regulated by lineage-specific transcription factors  
T. Kubo 久保 輝文

12. Prediction of Treatment Efficacy and Adverse Events Using Clinical Samples From Patients With Lung Cancer  
N. Shijubo 四十坊 直貴

13. High NSE, Low CD8 : A Surrogate Signature of Immune-Cold Tumors Y. Koshino 越野 友太

## **VI Cancer Immunotherapy #4**

**【 15 : 00～16 : 00 Chairperson／K. Sasaki 佐々木 健太 】**

14. Investigation of Pancreatic Cancer Treatment Using TCR-T Cell Therapy Targeting CLSPN  
H. Miura 三浦 秀元

15. The Roles of Nectin-4 and Cellular Senescence in Cancer Progression D. Morooka 諸岡 大地

16. Molecular chaperone-regulated immune responses M. Takahashi 高橋 美湖

## **VII Special session**

**【 16 : 00～16 : 30 Chairperson／Y. Hirohashi 廣橋 良彦 】**

17. Topics of SITC2025 T. Torigoe 鳥越 俊彦

## **VIII Closing remarks**

**【 16 : 30～16 : 50 】**

Y. Hirohashi 廣橋 良彦