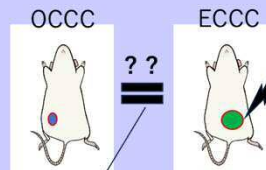


Study on tumour immunity and best treatment of endometrial clear cell carcinoma.

(Yoko Kashima, y.kashima@med.kindai.ac.jp)

Research Area

1. Search of tumour homology, tissue specificity
2. Establishment of the best treatment
3. Tumour immune mechanisms.



1. Tumour homology, tissue specificity

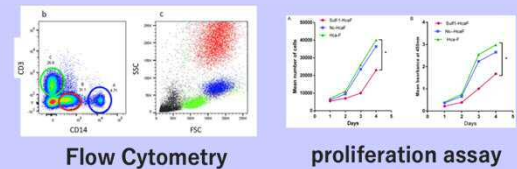
3. Tumour immune mechanisms

2. The best treatment
• ICI
± chemotherapy
± multikinase inhibitor
→ individual treatment

• Tumor
• Spleen
• Ascites

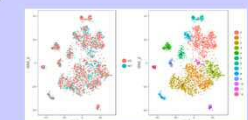
Concept
Use ovarian and uterine clear cell carcinoma mouse model to search for tumour homology, tissue specificity and tumour immune mechanisms, as well as to individualise and establish therapies.

OCCC: Ovarian Clear Cell Carcinoma
ECCC: Endometrioid Clear Cell Carcinoma

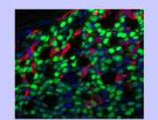


Flow Cytometry

proliferation assay



Single cell RNA sequence



Multiplex fluorescence immunohistochemistry

Analysis of the distribution and function of tumour immune cells following drug administration

Recent Activities

- Frequent PIK3CA mutations in eutopic endometrium of patients with ovarian clear cell carcinoma. Mod Pathol. 2021