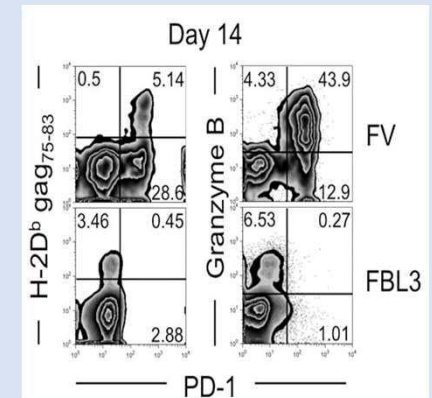
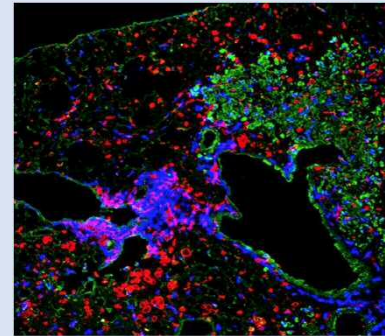


宿主-寄生体関係制御因子解明による感染症と腫瘍の克服 (教授・岡田 齊, hokada@med.kindai.ac.jp)

Research Areas

1. Identification of host intrinsic factors that control viral infections and tumorigenesis.
2. Use of epigenetic mechanisms to reprogram tumor cell phenotypes and immunogenicity.
3. Development of new vaccine strategies that direct T cell differentiation and homing.
4. Control of virus-induced autoimmunity and inflammation by manipulating host responses.



Research Activities

- Tim-3 adaptor protein Bat3 is a molecular checkpoint of T cell terminal differentiation and exhaustion **Sci Adv 7(18), Apr 2021.**
- KDM4B promotes acute myeloid leukemia associated with AML-ETO by regulating chromatin accessibility **FASEB BioAdvances, 29 August 2021.**
- MYC/glutamine dependency is a therapeutic vulnerability in pancreatic cancer with deoxycytidine kinase inactivation-induced gemcitabine resistance **Mol CancerMol Cancer Res, 2023 May 1;21(5):444-457.**