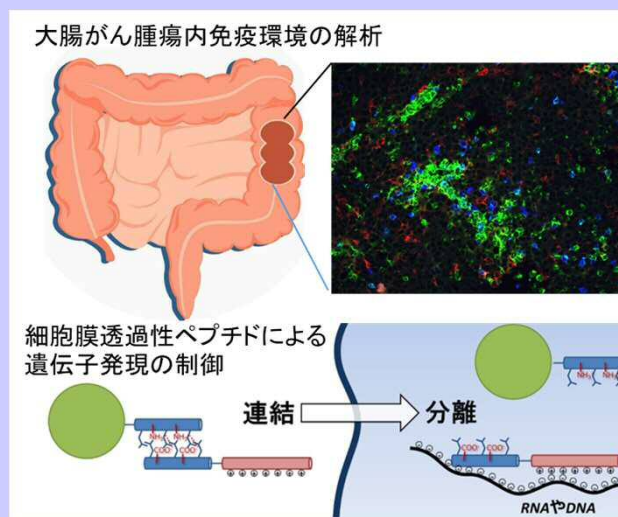


大腸がん腫瘍内免疫環境の制御による新規免疫療法の開発

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Research Area

1. 免疫組織化学による大腸がんの解析
2. 大腸がんの免疫ゲノム解析
3. 治療効果、予後に関係する免疫環境の解析
4. 細胞膜透過性ペプチドを用いた
新規免疫制御法の開発



Recent Activities

- Makutani Y, et al. Contribution of MMP14-expressing cancer-associated fibroblasts in the tumor immune microenvironment to progression of colorectal cancer. *Front Oncol.* 2022 Aug 16;12:956270.
- Sugawara T, et al. Immune subtypes and neoantigen-related immune evasion in advanced colorectal cancer. *iScience.* 2022 Jan 6;25(2):103740.
- Kitamatsu M, et al. Complementary Leucine Zippering System for Effective Intracellular Delivery of Proteins by Cell-Penetrating Peptides. *Bioorg. Med. Chem.* 2021, 33(1), 116036-116041.