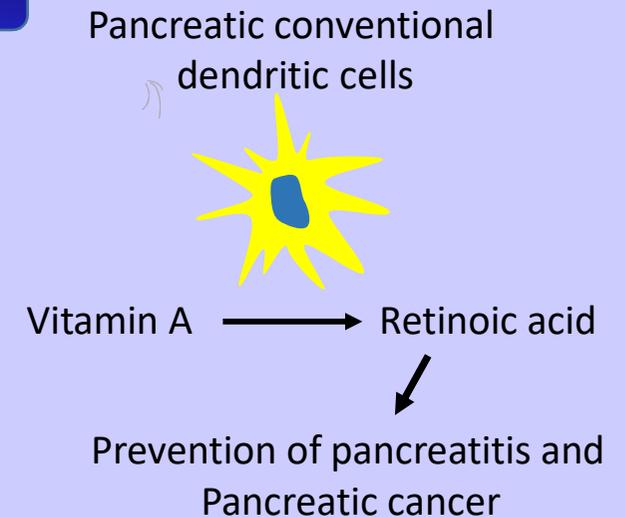


ビタミンA代謝経路の活性化からみた膵疾患の病態解明

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Research Area

1. ビタミンA代謝からみた自己免疫性膵炎の病態解明.
2. ビタミンA代謝からみた慢性膵炎の病態解明
3. ビタミンA代謝からみた膵癌の病態解明



Recent Activities

- A positive cytokine/chemokine feedback loop establishes plasmacytoid dendritic cell-driven autoimmune pancreatitis in IgG4-related disease. Watanabe T et al., JCI Insight (in press)
- Immunopathogenesis of pancreatitis. Watanabe T et al., Mucosal Immunology, 10: 283-298, 2017.