



WEEKLY GI RESEARCH WEBINAR

**"Leveraging
mitochondrial dynamics
for novel therapies in
pancreatic cancer"**

Cullen M. Taniguchi, M.D., Ph.D.

Associate Professor

Department of Radiation Oncology Clinical

Division of Radiation Oncology

MD Anderson Cancer Center

The Taniguchi Lab has found that the shape and form of the mitochondria (aka mitochondrial dynamics) can affect the ability for it to carry out oxidative phosphorylation, independent of its roles in known synthetic pathways and Kras signaling. Dr. Taniguchi will present published and unpublished work on these pathways and the possible path to the clinic.

Drp1 Promotes KRas-Driven Metabolic Changes to Drive Pancreatic Tumor Growth. Nagdas S, Kashatus JA, Nascimento A, et al. Cell Rep. 2019 Aug 13;28(7):1845-1859.e5. doi: 10.1016/j.celrep.2019.07.031. PMID: 31412251

Mitochondrial fusion exploits a therapeutic vulnerability of pancreatic cancer. Yu M, Nguyen ND, Huang Y, et al. JCI Insight. 2019 Jul 23;5(16):e126915. doi: 10.1172/jci.insight.126915. PMID: 31335325

OCT. 15 • 4:00 PM

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