



NIDDK P30 Center for Molecular Studies in Digestive and Liver Diseases Research Seminar



Ergun Sahin, MD, PhD

Assistant Professor
Baylor College of Medicine

"Impact of short telomeres on intestinal differentiation and function"

Thursday, February 24, 2022

12:00 – 1:00 PM EST

[Zoom Link](#)

ERGUN SAHIN INTERESTS

The role of microbiome in telomere shortening-induced colitis and colorectal cancer. Telomerase reactivation is a hallmark of over 85% of cancers and is required for tumorigenesis. The molecular events leading to the reactivation of telomerase are not well understood. A significant obstacle in studying the epigenetic and transcriptional mechanisms responsible for telomerase reactivation is the relative lack of model systems. My lab will take new approaches using mouse models and human cells to study the transcriptional de-repression of telomerase. The use of such model systems will pave the way for a better molecular understanding of one of the most fundamental aspects of tumor biology and allow the development of knowledge based therapeutics.

The meeting will start promptly at 12:00 pm. Please be on time.
Everyone inside and outside of the division is welcome to attend.