



Dartmouth
GEISEL SCHOOL OF MEDICINE

DEPARTMENT of
EPIDEMIOLOGY

"Bile acid signaling and microbial metabolism in colorectal cancer precursor lesions"

COBRE-RIPs Seminar
with

Michael Passarelli , PhD, MPH



Certain bile acids, including those generated by the gut microbiome, are toxic to colonocytes, but bile acid metabolism remains poorly characterized as a risk factor for developing colorectal adenomas and sessile serrated lesions. In this Research in Progress seminar, Dr. Passarelli will describe the aims and preliminary data for a grant application under development for a large integrative epidemiologic study that will reveal how bile acid metabolism contributes to the earliest stages of colorectal cancer by measuring: 1) circulating bile acids; 2) lesional expression of receptors for bile acids and their regulatory networks; and 3) lesional abundance of gut bacteria involved in bile acid metabolism.



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Join via Zoom
2/1/23 @ 12/Noon