



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



Ken Cadwell, PhD

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“Host - Microbe Symbiosis in the Gut

Thursday, January 20, 2022

12:00 – 1:00 PM EST

[Zoom Link](#)

ABOUT CADWELL LAB

The Cadwell Lab investigates how the immune system is controlled during infectious and inflammatory diseases. The immune system is tasked with defending against life-threatening infectious agents, but at the same time must avoid unnecessary reactions against beneficial microbes that are part of the microbiome. Such unwanted immune responses are implicated in a variety of chronic diseases including inflammatory bowel disease and cancer. A key research goal is to uncover the cell biological processes that control the immune response when confronted with the diverse infectious agents found in the environment. Ongoing projects include: (1) Identifying gene-microbe interactions that contribute to inflammatory bowel disease, (2) elucidating the role of the cellular process of autophagy in host-pathogen interactions, and (3) examining the viral component of the microbiome, also known as the virome.

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