



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



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Associate Director, Microbiome Program - Mayo Clinic Center for Individualized Medicine

Professor of Medicine

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“Integrative Omics to Mechanisms - Decoding Disorders of the Gut Brain Axis”

Thursday, January 6, 2022

12:00 – 1:00 PM EST

[Zoom Link](#)

ABOUT PURNA KASHYAP

Purna C. Kashyap, MBBS, studies the complex interactions between gut bacteria and dietary carbohydrates and their influence on host physiological function, such as gastrointestinal motility. The long-term goal of Dr. Kashyap's research is to develop new biomarkers and microbiota-targeted therapies for treatment of functional gastrointestinal disorders, including irritable bowel syndrome associated with altered gastrointestinal motility. His focus areas are:

- Identifying and developing microbiota-targeted therapies for treatment of functional gastrointestinal disorders (FGID), such as irritable bowel syndrome and functional bloating
- Understanding the mechanisms by which fecal microbiota transplant helps restore altered microbial profiles in diseases such as *Clostridium difficile* colitis to develop enhanced therapeutic strategies

Dr. Kashyap's research aims to better understand the pathogenesis of functional gastrointestinal disorders and develop newer treatment options for patients. The current understanding of the disease process remains poor, and as a result treatment options are very limited and fail to address the underlying causes. Dr. Kashyap and his team hope to extend this knowledge to address other diseases associated with changes in human gut bacteria.

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