



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



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***“Neutrophil extracellular traps (NETs), inflammation, and the microbiome: a sticky situation”***

Thursday, October 26, 2023

12:00 – 1:00 PM EST

901 Biomedical Research Building

Lunch is provided, all are invited.

901 Biomedical Research Building or <https://pennteam.zoom.us/j/92006253598>

This talk will discuss the role of neutrophil extracellular traps (NETs) in maintaining immune hemostasis, modulating the inflammatory milieu, and influencing the microbiome. It will also review the role of NETs in disease states with a focus on sepsis and inflammatory bowel disease, outlining how NETs help to capture pathogens but also contribute to host tissue damage resulting in end-organ dysfunction. Lastly, the talk will discuss NET-targeted therapeutics and speculate about their ability to modulate the microbiome and influence gastrointestinal inflammation.