

**2022-2023 Vanderbilt Digestive Diseases Research Center (VDDRC) Retreat**  
***Gastrointestinal Infections and Injury Research Group***

**Wednesday, April 5, 2023**

**9:00 am – 2:30 pm**

**Light Hall Room 202**

**Richard M. Peek, Jr., MD**

Mina Cobb Wallace Professor of Medicine and Pathology, Microbiology, & Immunology  
Director, Vanderbilt Digestive Diseases Research Center

9:00 – 9:30 am

***How to thrive in the inflamed gut: Lessons from Salmonella-induced gastroenteritis***

**Mariana Byndloss, PhD**

Assistant Professor of Pathology, Microbiology, and Immunology

9:30 – 10:00 am

***The human M cell: Guardian or traitor?***

**Nicholas C. Zachos, PhD**

Associate Professor of Surgery

10:00 – 10:30 am

***Iron acquisition by a commensal bacterium modifies host nutritional immunity during Salmonella infection***

**Wenhan Zhu, PhD**

Assistant Professor of Pathology, Microbiology, and Immunology

10:30 – 11:30 am

Poster Session

11:30 – 12:30 pm

Lunch

12:30 – 1:00 pm

***Investigating mechanisms for Clostridioides difficile-induced colorectal disease***

**Nicholas O. Markham, MD, PhD**

Assistant Professor of Medicine and Pathology, Microbiology, and Immunology

1:00 – 1:30 pm

***Progress toward understanding the role of toxins in Clostridioides difficile pathogenesis***

**Borden Lacy, PhD**

Professor of Pathology, Microbiology, and Immunology and Biochemistry

Edward and Nancy Fody Chair in Pathology

Associate Director, VDDRC

1:30 – 2:30 pm

**Keynote Speaker – Lynn Bry, MD, PhD**

***Harnessing molecular atomic flow through host-microbiota metabolism to inform patient care***

Director, Massachusetts Host-Microbiome Center

Associate Medical Director, Clinical Microbiology

Associate Professor of Pathology, Harvard Medical School

Brigham and Women's Hospital