2020-2021 Vanderbilt Digestive Disease Research Center (VDDRC) Retreat

Gastrointestinal Infections and Injury

Agenda

Wednesday, March 4, 2020
8:00 a.m. – 2:45 p.m.

Langford Auditorium

Richard M. Peek, Jr., M.D.
Mina Cobb Wallace Professor of Medicine and Pathology, Microbiology, & Immunology
Director, Vanderbilt Digestive Diseases Research Center

8:00 – 8:25 am

*T cell cytokines and the gastric epithelium during Helicobacter pylori infection*

Holly M. Algood, Ph.D.
Associate Professor of Medicine and Pathology, Microbiology, and Immunology

8:25 – 8:50 am

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

Mariana X. Byndloss, D.V.M., Ph.D.
Assistant Professor of Pathology, Microbiology, and Immunology

8:50 – 9:15 am

*Human Rotavirus diversity and potential escape mechanisms*

Kristin M. Ogden, Ph.D.
Assistant Professor of Pediatrics and Pathology, Microbiology, and Immunology

9:15 – 9:40 am

*Human gut microbiome viewed across ethnicity in the United States*

Seth R. Bordenstein, Ph.D.
Professor of Biological Sciences and Pathology, Microbiology, and Immunology

9:40 – 10:05 am

*Targeting antivirals to current and future zoonotic Coronavirus Infections*

Mark R. Denison, M.D.
Craig-Weaver Professor of Pediatrics Director, Division of Pediatric Infectious Diseases

10:05 – 10:30 am
ePosters

10:30 am – 12:15 pm

Poster Session/Lunch

12:15 – 12:40 pm

*A structural analysis of the Clostridioides difficile transferase toxin*

Dana Borden Lacy, Ph.D.
Professor of Pathology, Microbiology, and Immunology and Biochemistry Edward and Nancy Fody Chair in Pathology

12:40 – 1:05 pm

*The battle for nutrients during the pathogenesis of Clostridioides difficile infection*

Eric P. Skaar, Ph.D.
Professor of Pathology, Microbiology and Immunology Ernest W. Goodpasture Chair in Pathology

1:05 – 1:30 pm

*The contribution of Toxin A to C. difficile colitis*

David M. Aronoff, M.D.
Professor of Medicine and Pathology, Microbiology, and Immunology Addison B. Scoville Jr. Chair in Medicine

1:30 pm – 1:45 pm

Break

1:45 – 2:45 pm

Keynote Speaker

*Crosstalk between virulence & fitness in the microscopic hideouts of H. pylori infection*

Manuel R. Amieva, M.D., Ph.D.
Professor of Pediatric Infectious Diseases and Microbiology & Immunology
Stanford University