2019 Microbiome Pilot & Feasibility Grants

“The Effects of Oligofructose-Enriched Inulin on the Microbiota Composition and Function in Pediatric IBS”
Lindsey Albenberg, DO
Assistant Professor of Pediatrics
Division of Gastroenterology, Hepatology and Nutrition, Children’s Hospital of Philadelphia

“Stability of the rectal microbiome among men who have sex with men: impact of bacterial sexually transmitted infections of the rectum and HIV status.”
Katharine Bar, MD
Assistant Professor of Medicine
Perelman School of Medicine, University of Pennsylvania

“Gastrointestinal microbiome as a biomarker to predict treatment response to concurrent chemoradiation and adjuvant immunotherapy in patients with locally advanced non-small cell lung cancer”
Abigail Berman, MD, MSCE
Instructor of Radiation Oncology
Perelman School of Medicine, University of Pennsylvania

“Characterizing Microbial Colonization Dynamics and Antibody Responses in Neonates with Sepsis in Gaborone, Botswana”
Susan Coffin, MD, MPH
Professor of Pediatrics
Division of Infectious Diseases, Children’s Hospital of Philadelphia

“The impact of highly-effective CFTR modulation on the microbial environment in cystic fibrosis.”
Gina Hong, MD, MHS
Assistant Professor of Medicine
Perelman School of Medicine, University of Pennsylvania

“Microbiome community composition as a driver of rapid adaptation”
Paul Schmidt, PhD
Professor of Biology
School of Arts and Sciences, University of Pennsylvania

“Early Detection of Central Line-Associated Bloodstream Infections using High-Throughput Sequencing”
Lakshmi Srinivasan, MBBS, MTR
Assistant Professor of Pediatrics
Division of Neonatology, Children’s Hospital of Philadelphia
“Evaluating the association between mitochondrial genotype, gut microbiome and the immune response against melanoma”

Doug Wallace, PhD
Professor of Pediatrics
Center for Mitochondrial and Epigenomic Medicine, Children’s Hospital of Philadelphia