2022 Microbiome Pilot & Feasibility Grants

“Microbiome disruption in pediatric stem cell transplant recipients”
Caitlin Elgarten, MD, MSCE
Instructor and Attending Physician, Hematology and Oncology
Children’s Hospital of Philadelphia

“Dissecting the molecular mechanisms of host-microbiome interaction in lung cancer”
Chengcheng Jin, PhD
Assistant Professor of Cancer Biology
Perelman School of Medicine, University of Pennsylvania

“The role of TSLP-induced sebum release in host-skin microbiome interactions”
Taku Kambayashi, MD, PhD
Associate Professor of Pathology and Laboratory Medicine
Perelman School of Medicine, University of Pennsylvania

“Decoding interactions between the intestinal microbiome, diet and colorectal cancer”
Maayan Levy, PhD
Assistant Professor of Microbiology
Perelman School of Medicine, University of Pennsylvania

“The interaction of PRDM16, antibiotics and the microbiome in regulating intestinal crypt metabolism”
Rachel Stine, PhD
Senior Research Investigator
Perelman School of Medicine, University of Pennsylvania

“Characterization of Microbiome and Metabolomic Biomarkers that Predict Success with Fiber Food Introduction in Short Bowel Syndrome”
Wenjing Zong, MD
Instructor and Attending Physician, Clinical Nutrition
Division of Gastroenterology, Hepatology and Nutrition, Children’s Hospital of Philadelphia

Funded by ITMAT:

“Investigation of microbiome-metabolome interactions in acute and chronic lung transplantation complications”
John McGinniss MD, MS
Assistant Professor of Medicine
Perelman School of Medicine, University of Pennsylvania