

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