

2021-2022 Pilot Grant Recipients

Research Grants:

[Zhe Ying, PhD](#), Assistant Professor, Department of Cell, Developmental, and Regenerative Biology, Black Family Stem Cell Institute, Icahn Mount Sinai

Title: Exploring the mechanism of epidermal progenitor homeostasis governed by a non-canonical p53 transcriptional program

[Nicholas David Gulati, MD, PhD](#), Assistant Professor, Department of Dermatology, Icahn Mount Sinai

Title: Use of topical diphencyprone to improve efficacy of immune checkpoint inhibition in melanoma patients

[Elizabeth A. Spencer, MD](#), Assistant Professor, Department of Pediatric Gastroenterology and Nutrition, Icahn Mount Sinai

Title: Skin tape profiling of patients with inflammatory bowel disease

Transition to Independence Minigrants:

[Jacqueline Frost, PhD](#), Postdoctoral Fellow, Department of Oncological Sciences, Icahn Mount Sinai

Title: Dissecting signaling pathways in differentiation of healthy and psoriatic skin

[Dan Filipescu, PhD](#), Instructor, Departments of Oncological Sciences and Dermatology, Icahn School of Medicine at Mount Sinai.

Title: Spatial transcriptomic analysis of melanocyte transformation in the macroH2A-deficient TME.

[Xuming Zhu, PhD](#), Instructor, Icahn School of Medicine at Mount Sinai.

Title: Mechanisms of Meibomian gland homeostasis and aging

[Pooja Flora, PhD](#), Postdoctoral fellow, Icahn School of Medicine at Mount Sinai

Title: Uncovering epigenetic mechanisms safeguarding hair follicle stem cell longevity in the adult epidermis.