



Teruaki Nakatsuji, PhD

Teruaki “Teru” Nakatsuji is a microbiologist and project scientist in the Department of Dermatology at the University of California, San Diego in San Diego, CA, USA.

His research focuses on understanding how the microbial ecosystem of human skin influences health and disease. Using a multidisciplinary approach that integrates biochemistry, molecular biology, cell biology, animal models,

multi-omics, bioinformatics, and proof-of-concept clinical trials, he investigates how dysregulation of the skin microbiome contributes to barrier dysfunction, inflammation, and disease severity in atopic dermatitis, acne vulgaris, and rosacea.

Dr. Nakatsuji’s work has successfully translated fundamental discoveries in skin microbiome research into microbiome-based therapeutics now advancing in clinical trials. Through this translational research, he continues to contribute to the development of innovative therapeutic strategies leveraging beneficial bacteria derived from the human microbiome.