



Dr. Yumi Matsuoka-Nakamura is an associate professor in cutaneous immunology at Osaka University. Her lab aims to explore the pathogenesis of inflammatory skin diseases, and the skin microbiome and pathogens using omics approaches and animal models. Her long-term research goals are to understand the molecular mechanisms underlying the formation and regulation of cutaneous microbiome ecological system and to harness the knowledge to underpin the development of a diverse range of new therapeutics for skin diseases.

She earned her M.D. degree from University of Yamanashi, Japan in 2003 and Ph.D. degree from Chiba University, Japan in 2009. She was a postdoctoral fellow in Pathology Department with Prof. Gabriel Nunez at University of Michigan Medical School from 2009-2013. In 2015, she was a board-certified dermatologist by The Japanese Dermatological Association. As a physician-scientist, she has selected a research theme based on clinical questions associated with her dermatology practice. She developed some novel disease mouse models and showed how host immune system and microbiome interacted in inflammatory skin diseases. In particular, her studies have documented that pathogenic *S. aureus* in the infant skin affect the development of atopic dermatitis.

She is a recipient of 2020 LEO Foundation Award - Region Asia-Pacific, Foundation of Kinoshita Memorial Enterprise Grant 2021 and Sun Pharma RISING SUN AWARD 2021. She has published peer-reviewed articles in *Nature*, *Immunity*, *Cell Host & Microbe* and *Science Translational Medicine*. She serves on the serves as the section editor of *Journal of Dermatological Science*.