



Prof. Elaine Y. Hsiao

Assistant Research Professor in Biology and Biological Engineering Ph.D.,
Caltech B.S., University of California (Los Angeles)

Elaine Hsiao is a postdoctoral fellow in chemistry and biology at Caltech. She received her undergraduate degree in microbiology, immunology and molecular genetics from UCLA and her doctoral degree in neurobiology from Caltech with Professor Paul Patterson. She studied neuroimmune mechanisms underlying the pathogenesis of neurodevelopmental disorders and uncovered a role for the commensal microbiota in regulating autism-related behaviors, metabolism, and intestinal physiology. Elaine has received several honors, including predoctoral fellowships from the National Institute of Health, Autism Speaks and the Caltech Innovation Program. She is currently studying the mechanisms by which microbes modulate host production of neuroactive molecules and aims to better understand how the human microbiota influences health and disease.