



VIRTUAL SPEAKER SERIES

"Synthetic Gene Circuits for Cancer Immunotherapy"

Ming-Ru Wu, MD, PhD
Harvard Medical School | Boston, MA



DATE | OCT 05 2024
TIME | 2-3 PM
LOCATION | GILMAN 50

INTENDED AUDIENCE: UNDERGRADUATES
ALL JHU AFFILIATES ARE WELCOME
FREE PIZZA WILL BE PROVIDED!!

Dr. Ming-Ru Wu is an assistant professor of immunology at Harvard Medical School. Dr. Wu received his MD from Tzu Chi University in Taiwan. He obtained his PhD in Microbiology and Immunology from Dartmouth College in 2015, where he developed several natural killer cell receptor-based chimeric antigen receptor (CAR)-T cells, bispecific T cell engagers (BiTEs), and tumor-targeting nanoparticles. He performed postdoctoral research at the Synthetic Biology Center at MIT, where he developed cancer-targeting gene circuits and high-throughput cell state-sensor engineering methods. In 2019, he joined Dana Farber Cancer Institute, where he is primarily focusing on harnessing the tools and design principles of synthetic biology to develop cell- and gene circuit-based cancer immunotherapy.



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