Assistant Professor. Yamin Zhang

National University of Singapore, Singapore

Yamin Zhang is an Assistant Professor under the Presidential Young Professorship in the Department of Chemical & Biomolecular Engineering and the Department of Biomedical Engineering at the National University of Singapore. Her research centers on ‘electrochemtronics’, integrating electrochemical systems with biological tissues to create innovative healthcare solutions. She has published peer-reviewed articles in high-impact journals, including Nature, Nature Biomedical Engineering, PNAS, Cell Biomaterials, Chemical Reviews, and ACS Energy Letters, as first and/or corresponding authors. She serves on the Advisory Board of Cell Biomaterials and the Early Career Advisory Board of ACS Applied Materials & Interfaces and Chem & Bio Engineering. Her contributions have been recognized with international honors such as the MIT TR35 Innovators (2025) and the MIT ChemE Rising Star (2022). Before joining NUS, she was a Research Associate (Jul 2023–Jan 2024) and a Postdoctoral Fellow (Feb 2021–Jun 2023) in Prof. John A. Rogers’s group at the Querrey Simpson Institute for Bioelectronics, Northwestern University. She received her Ph.D. degree in Chemical Engineering from Georgia Institute of Technology in 2020.