



Professor Ying-Chih Chang currently serves as the Principal Investigator of Taiwan Science and Technology Hub Office, Co-Chair of Taiwan Science and Technology Hub at Stanford University, and Chief Executive Officer of Acrocyte Therapeutics, Inc. Formerly, she was an Assistant Professor in the Department of Chemical Engineering and Materials Science, and the Department of Biomedical Engineering at the University of California-Irvine, Irvine, CA. Her invention has led to multiple patents and licensing, including CellMax Life (Sunnyvale, CA, USA), a liquid biopsy based pre-cancer screening company, and Acrocyte Therapeutics (New Taipei City, Taiwan), a 3D culture based precision medicine company. Her research interests include integrated nanomaterials, microfluidics, and bioreactors to control stem cell fates for tissue engineering and liquid biopsy for cancer diagnostics and precision medicine.

ACADEMIC POSITIONS

2011- Research Fellow and Professor

Genomics Research Center, Academia Sinica, Taiwan

2016- Adjunct Professor

Department of Chemical Engineering, Stanford University, USA

EDUCATION

Ph.D./M.S. Chemical Engineering, Stanford University, 1998

B.S.-M.S. Chemical Engineering, National Taiwan University, 1992

RESEARCH INTERESTS

Biomaterials, Cell-Materials Interaction/ Interfaces, Bionanotechnology, Tissue Engineering, Organoids, Tumoroids, Liquid Biopsy, Precision Medicine.