

Hsin-Cheng Chiu (邱信程)



• Education

1. Ph.D., Pharmaceuticals and Pharmaceutical Chemistry, University of Utah (1994)
2. B.S., Chemical Engineering, National Taiwan University of Science and Technology (1988)

• Professional Career

- 2009/08 ~ present Professor, Department of Biomedical Engineering and Environmental Sciences, National Tsing Hua University
- 2020/09~present Associate Dean, College of Nuclear Science, National Tsing Hua University
- 2018/01~2018/02 Visiting Professor, Department of Materials Science, Tokyo University of Science
- 2011/08~2014/07 Professor and Chairman, Department of Biomedical Engineering and Environmental Sciences, National Tsing Hua University
- 2002/02 ~ 2009/07 Professor, Chemical Engineering, National Chung-Hsing University, Taichung
- 1995/02~ 2002/01 Associate Professor, Department of Chemical Engineering, National Chung-Hsing University

• Honors

1. 109年度科技部傑出研究獎
2. Fellow of Biomaterials Science & Engineering (FBSE) of the International Union of Societies for Biomaterials Science and Engineering (IUSBSE) (2016)
3. 李昭仁教授紀念基金會傑出研究學者獎 (2015)
4. 李昭仁教授紀念基金會生醫工程獎 (2019)

• Selected Recent Publications

1. New Combination Treatment from ROS-Induced Sensitized Radiotherapy with Nanophototherapeutics to Fully Eradicate Orthotopic Breast Cancer and Inhibit Metastasis, *Biomaterials*, 2020, 257, 120229.
2. Dual Stimuli-Guided Lipid-Based Delivery System of Cancer Combination Therapy, *Journal of Controlled Release*, 2020, 318, 16-24.
3. Targeted Delivery of Functionalized Upconversion Nanoparticles for Externally Triggered Photothermal/Photodynamic Therapies of Brain Glioblastoma, *Theranostics*, 2018, 8, 1435-1448.
4. Hierarchically Targeted and Penetrated Delivery of Drugs to Tumors by Size-Changeable Graphene Quantum Dot Nanoaircrafts for Photolytic Therapy, *Advanced Functional Materials*, 2017, 27, 1700056 (1-12).
5. Polymer Vesicles Containing Small Vesicles within Interior Aqueous Compartments and pH-Responsive Transmembrane Channels, *Angewandte Chemie International Edition*, 2008, 47, 1875-1878.