

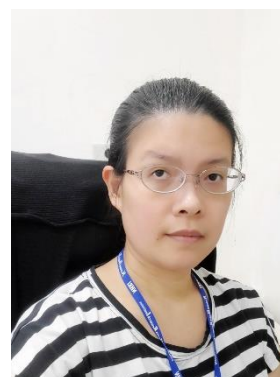
A. Personal Information

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B. Education

Ph.D.: Department of Biomedical Engineering, National Taiwan University (NTU), Taiwan

C. Experiences

1. 2020/08- , Assistant Professor, Department of Biomedical Sciences & Engineering, National Central University, Taiwan
2. 2017/08-2020/07, Postdoc Fellow, Institute of Biomedical Engineering & Nanomedicine, National Health Research Institutes (NHRI), Taiwan
3. 2019/08-2020/01, Adjunct Assistant Professor, Graduate Program of Biotechnology and Pharmaceutical Industries, National Taiwan Normal University, Taiwan

D. Major

1. Regenerative Medicine
2. Tissue Engineering
3. Stem Cells
4. Biomaterials

E. Professional Activity

i. International Academic Connections

1. Invited speech, "Forming Chondral-like Tissues in 3D Tri-copolymer Scaffolds and Cultured in the Self-designed Bioreactor," EORS-2020, 2020 Sep., Turkey (On-line Conference).
2. Invited speech, "Enhancing Aging Bone Marrow MSCs Toward Osteogenesis via IGF-1 Overexpression for Bone Regeneration," EWAB-2019, 2019 Sep., Indonesia.
3. Invited speech, "Using Continuous Bioreactor System to Cultivate Human Bone-like Tissues for Bone Tissue Engineering," YUCOMAT 2018 Sep., Montenegro.
4. Invited speech, "Forming Human Bone-like Tissues in Continuous Bioreactor System for Bone Tissue Engineering," 5th Warsaw International Healthcare Exhibition, 2017 Oct., Poland.

ii. Domestic Academic Connections

1. Invited speech, "The Self-designed Bioreactor System Applied on Bone Tissue Engineering (Tentative title)," 2020 Oct., Hsinchu (NTHU).
2. Invited speech, "The Self-designed Bioreactor System for Bone Regenerative Medicine (Tentative title)," 2020 Oct., Taipei (TMU).
3. Lecturer, "EnSpire: Multilabel Plate Reader," 2020 Educational training courses of IBEN Service, 2020 Jul., Miaoli (NHRI).
4. Lecturer, "EnSpire: Multilabel Plate Reader," 2019 Educational training courses of IBEN Service, 2019 Jun., Miaoli (NHRI).
5. Invited speech, "An Overview of the Self-designed Bioreactor System for Tissue Engineering," 2018 Nov., Taipei (NTNU).
6. Lecturer, "EnSpire: Multilabel Plate Reader," 2018 Educational training courses of IBEN Service, 2018 Aug., Miaoli (NHRI).
7. Lecturer, "EnSpire: Multilabel Plate Reader," 2017 Educational training courses of IBEN Service, 2017 Jul., Miaoli (NHRI).

F. Awards

1. Excellent Poster Paper Award, "Forming One-step Bone-like Tissues in the Self-designed Bioreactor System for Bone Tissue Engineering," 2020 NHRI Research Day, Taiwan, 2020.
2. 13th Tien-Te Lee Distinguished Thesis Awards, "3D Porous Calcium-alginate Scaffolds Cell Culture System Improved Human Osteoblast Cell Clusters for Cell Therapy," Taiwan, 2017.
3. Poster Paper Award, "Using Preformed Ca-Alginate Scaffolds to Form Human Bone-like Tissues in Continuous Bioreactor System," 2016 63rd Taiwan Institute of Chemical Engineers Annual Conference, Taiwan, 2016.
4. The Honorable Mention of Young Investigator Award, "Forming Bone-like Tissues for Somatic Cell Therapy via 3D Cell Culture Technique," 7th World Congress on Preventive & Regenerative Medicine (WCPRM), Taiwan, 2014.
5. Poster Paper Award, "The Preparation of Chondrogenic Construct by the Combination of MSCs and Tri-copolymer with Kartogenin Induction in Functional Closed Perfusion Bioreactor," Cross-Strait Symposium on Biomaterials and Drug Delivery Systems, Taiwan, 2014.
6. Poster Paper Award, "Purification of CdSe/ZnS Quantum Dots with Single-functional Group," International Symposium on Biomedical Engineering, Taiwan, 2006.
7. Poster Paper Award, "Study of Monolayer Thermodynamics and Stability of Liposome," Conference on Engineering Technology and Applications to Chinese and Western Medicine, Taiwan, 2005.

G. Technology Transfer

1. Gwoxi Stem Cell Applied Technology Co., Ltd., "Multi-functional Bioreactor System," 2016, NT\$ 10,000,000.