

Miss Tian Yuan

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◆ Educational Background

- 09/2022-09/2023 Hong Kong Baptist University (HKBU)
Master of Science in Drug Discovery ((Modernization of Chinese Medicine))
- 09/2017-07/2022 Fujian Medical University (FMU)
Bachelor of Science in Clinical Pharmacy

◆ Research Project

- 18/09/2023-30/06/2024 Senior Research Assistant, Technology Development Division, School of Chinese Medicine (directed by Professor Ma Yuan of Hong Kong Baptist University)
- The paper “Unique quinoline orientations shape the modified aptamer to sclerostin for enhanced binding affinity and bone anabolic potential” was published at the Molecular Therapy: Nucleic Acids (10.1016/j.omtn.2024.102146).
 - The paper “The Modification Strategies for Enhancing the Metabolic Stabilities and Pharmacokinetics of Aptamer Drug Candidates” was published at the Drug Metabolism and Pharmacokinetics (10.5772/intechopen.112756).
- 14/11/2022-18/06/2023 Participant, Effect of Apc001d6OA aptamer on osteogenic function in COL1a2^{+/G610C} mice (directed by Professor Ma Yuan of Hong Kong Baptist University)
- Ability to handle and scan skeletal samples independently, familiar with the various operational steps of Micro-CT scanning, and master the export and processing of skeletal scan data. Familiar with each operation step of Micro-CT scan, master the export and processing of skeletal scan data.
 - Be proficient in scanning the left distal femoral epiphysis, the left proximal tibial epiphysis and the cancellous bone of the third and fifth lumbar vertebrae, as well as the cortical bone of the left middle femur using Micro-CT (version 6.5, vivaCT40, SCANCO MedicalAG, Bassersdorf, Switzerland). It is also possible to correctly label the region of interest (ROI) and to analyze the bone microstructure in the region of trabeculae and cortical bone.
- 07/05/2022-18/06/2022 Participant, Structural Biology and Anti-Cancer Drug Research of Cancer-related Proteins (directed by Professor Wu Geng of Shanghai Jiao Tong University)
- The paper “Up-conversion Nanoparticles with Drugs Target the Tumor Microenvironment” was published at the 2022 International Conference on Biological Engineering and Medical Science (10.54254/2753-8818/4/20220643).

◆ Language & Skills

- 06/2019 CET 6: 425 (L: 130, R: 157, W: 138)
- 06/2018 CET 4: 445 (L: 135, R: 156, W: 154; Speaking: C+)
- 07/2024 IELTS (L: 6.0, R: 6.5, W: 6.0, S: 6.0)
- 01/2019 National Computer Rank Examination Level 1
- 09/2017 Passed the laboratory safety assessment of Fujian Medical University

Skills: Public Speaking (won the **first prize** in the speech contest of Fujian Medical University)
Writing (the press releases I write were issued on University and Education of China)
Stage Performance (won the **second prize** in the sitcom competition of Fujian Medical University)
Video Production (won the **first prize** in the micro-videos production contest of Fujian Medical University)

◆ Awards & Honors

- 06/2019 The First Prize, the 5th Youth Volunteer Service Public Welfare Entrepreneurship Competition, School of Public Health, FMU
- 06/2019, 05/2018 Excellent Cadre (Twice), Youth Publicity Center, FMU
- 05/2019 The First Prize, Pneumoconiosis Knowledge Popularization Activity, School of Pharmacy of FMU
- 12/2018, 11/2018 Advanced Individual (Twice), College Students Summer Rural Social Practice
- 12/2018, 11/2018 Excellent Team (Twice), College Students Summer Rural Social Practice
- 11/2018 The First Prize (Group), Outward Bound Activity, Youth Publicity Center, FMU
- 10/2018 Outstanding Student, Marxism Training Class, School of Pharmacy of FMU