**JIANG He-Wen (Ph.D. Candidate)**

**Academic qualifications:**

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| 2012-2016: | Bachelor, Major in Pharmaceutical Engineering, College of Biotechnology and Pharmaceutical Engineering, Nanjing tech University, Nanjing, China |
| 2016-2019: | Master, Major in Biochemical Engineering, College of Bioengineering, East China University of Science and Technology, Shanghai, China |

**Previous academic positions held:**

2019-2020: Research staff, Shanghai Shangyao No. 1 Biochemical Pharmaceutical Co. , Ltd., Shanghai, China

2021-2021: Research Assistant , School of Chinese Medicine, Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong

**Present academic position:**

2021-now: PhD student, School of Chinese Medicine, Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong

**Previous relevant research work:**

1. Biocatalysis and purification of multiple enzymes
2. Directed evolution of enzymes and crystal structure analysis of proteins

**Publication records**:

**Section A-Five most representative publications in the recent five years** (# Co-first author)

1. **Jiang H**, Zhang Z, Yu Y, Chu HY, Yu S, Yao S, Zhang G, Zhang BT. Drug discovery of DKK1 inhibitors. ***Frontiers in pharmacology*** 2022. (Impact factor: 5.81)

2. **Jiang HW**, Chen Q, Pan J, Zheng GW, Xu JH. Rational engineering of formate dehydrogenase substrate/cofactor affinity for better performance in nadph regeneration. ***Applied Biochemistry and Biotechnology*** 2020; 192(5). (Impact factor: 2.27)

**Awards:**

1. First class scholarship, Nanjing Tech University. 2013, Shanghai, China
2. Outstanding student class leader, Nanjing Tech University. 2014, Shanghai, China
3. Second class scholarship of OuYangPingKai, Nanjing Tech University. 2015, Shanghai, China
4. First class scholarship, East China University of Science and Technology. 2017, Shanghai, China
5. Excellent students, East China University of Science and Technology. 2018, Shanghai, China

**Patents:**

1. Zheng GW, **Jiang HW**, Chen Q, Yu HL, Pan J, Zheng GW, Xu JH, Qian XL. Formate dehydrogenase mutants with enhanced substrate affinity and coenzyme affinity. Patent, CN110408604B.