Lihui Duo

Residence: University of Nottingham Ningbo China 199 Taikang East Road, Ningbo, China. 315100

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Education

PhD Student *University of Nottingham Ningbo China*
Research program: Artificial Intelligence in Cancer Drug Discovery *September 2022 - Present*

Bachelor of Clinical Pharmacy *Tianjin University of Traditional Chinese Medicine*
Thesis Topic: Perioperative treatment of Infective Endocarditis of Aortic Valve June 2022 - September 2016

Average Score: 87.5

Main courses taken: Dyspepsia (95), Bacterial and Fungal Infection (83), Basic Skills of Pharmacist (95), Pharmaceutical Analysis (95), Pharmaceutics (89)

Bachelor of BSc Hons International Pharmacy *University of Nottingham*
Thesis Topic: A literature review on pre-clinical drug evaluation models of Alzheimer's disease June 2021 - September 2019

Graduated with First Class

Main courses taken: Cancers (70), CNS (72), Dru Dis and Future Med (63), etc.

Publications

C=Conference, J=Journal

[**J.1**] Lihui Duo, Yu Liu, Jianfeng Ren*, Bencan Tang* Jonathan D. Hirst* (18 Jun 2024). **Artificial intelligence for small molecule anticancer drug discovery**. *Expert Opin. Drug Discov*, 2024: 1-16. DOI: 10.1080/17460441.2024.2367014

[**J.2**] Lihui Duo‡,Yi Chen‡, Qiupei Liu‡, Zhangyi Ma, Amin Farjudian, Wan Yong Ho, Sze Shin Low, Jianfeng Ren,* Jonathan D. Hirst*, Hua Xie*, Bencan Tang*. **Discovery of Novel SOS1 Inhibitors Using Machine Learning**. *RSC Med. Chem.*, 2024, 15, 1392. DOI: 10.1039/D4MD00063C

[**C.1**] Yu Liu‡; Lihui Duo‡; Jonathan D. Hirst; Jianfeng Ren*; Bencan Tang*; Dave Towey*. **Three-Branch Molecular Representation Learning Framework for Predicting Molecular Properties in Drug Discovery**. In *2024 IEEE 48th Annual Computers, Software, and Applications Conference (COMPSAC)*, pp. 1983-1989. IEEE, 2024, Osaka, Japan. DOI: 10.1109/COMPSAC61105.2024.00317