

Jia Qu

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EDUCATION

The Ohio State University First-year graduate student in Biomedical Informatics Master's Program	Columbus, Ohio 2022 – now
China Pharmaceutical University Third-year graduate for Master's degree in Pharmacology	Nanjing, China 2015 – 2018
China Pharmaceutical University Bachelor's degree in Pharmaceutical Analysis	Nanjing, China 2011 – 2015

PUBLICATIONS

- Taleb A, Ahmad KA, Ihsan AU, Qu J, Lin N, Hezam K, Koju N, Hui L, Qilong D. Antioxidant effects and mechanism of silymarin in oxidative stress induced cardiovascular diseases [J]. *Biomedicine & pharmacotherapy*. 2018,102:689-98.
- Jia Qu, Na Lin, Jifang Zhou, Qilong Ding. ROS-induced NLRP3 inflammasome activation and cardiovascular diseases [J]. *Pharmacy Today*. 2017(12):855-888.

SKILLS

- **Analytics Software:** R (proficient), STATA, SPSS, SAS, Graphpad Prism
- **Data analysis methods:** Statistical tests (e.g., parametric test, non-parametric test, and empirical test), Linear regression analysis, Logistic regression analysis, Survival analysis

RESEARCH EXPERIENCES

Department of Pharmacology, China Pharmaceutical University	2015 – 2018
<ul style="list-style-type: none">• Master's Project: Effects and mechanisms of tBHQ on NLRP3 inflammasome activation induced by Ang II in HUVECs• National Science and Technology Major Project: Pharmacology and alternative animals experiments of an antiarrhythmic drugs CPUY102122	
Department of Traditional Chinese Medicine, China Pharmaceutical University	2013 – 2014
<ul style="list-style-type: none">• Undergraduate Training Programs for Innovation 2013: Quality analysis of commercial Poria cocos decoction pieces	

PROFESSIONAL EXPERIENCES

Department of Clinical Evaluation, Hangzhou Tigermed Consulting Co., Ltd	2016 – 2019
<ul style="list-style-type: none">• Sirona Dental Systems cohort study• Technical Support of IPSEN Asia-pacific Pediatrics Conference• Stryker Spine Instruments• SURGICOLL• Pfizer Celebrex Visual Questionnaire, Striker 1501 Knee Joint Patella	