

LI XINNONG

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[Homepage](#)

Education

The State University of New York at Buffalo**Buffalo, NY, United States**

Master of Pharmacometrics and Personalized Pharmacotherapy

Aug 2021 - May 2023

Current GPA: 4.0/4.0

Main Courses: Advanced Pharmacokinetics, Population PK/PD Modeling, Computational Basis of Pharmacometrics

Shenyang Pharmaceutical University**Shenyang, Liaoning, China**

Bachelor of Pharmacy

Sep 2016 - Jul 2020

GPA: 3.66/4.0 (1/268); TOEFL:102; GRE: 323

Main Courses: Pharmacology, Pharmaceutics, Statistics

Research & Work Experiences

The State University of New York at Buffalo**Buffalo, NY, United States**

Master Student of Pharmacometrics at Dr. Robert Bies Lab

Jan 2022 - Present

- Estimated Cabotegravir long-acting response in preventing HIV by calculating AUC, PAIC timeframe based on population pharmacokinetic model

University of Minnesota**Minneapolis, MN, United States**

Student Intern at Dr. Karunya Kandimalla Lab

Jan 2020 - June 2020

- Established a four-compartment pharmacokinetic model to evaluate the effect of A β 40 exposure on Blood- Brain glucose transfer in Alzheimer's Disease

Center for Quantitative Clinical Pharmacology**Shenyang, Liaoning, China**

Research Assistant

May 2019 - Jan 2020

- Conducted literature review to summarize data and equations, established and scaled Azithromycin PBPK model from adults to pediatrics using PK-Sim and MoBi, and wrote the manuscript

Key Laboratory of Structure-Based Drug Design and Discovery**Shenyang, Liaoning, China**

Group Leader of Innovation Program

May 2018- Apr 2019

- Collaborated with the senior researchers in the lab to measure the volume of hydrogen sulfide released from all target derivatives using the methylene blue method
- Mastered several experimental skills such as western blot and explored the mode of action behind the compound A1 which induced apoptosis in Bel-7402 cells

Laboratory of Biopharmaceutics**Shenyang, Liaoning, China**

Research Assistant

Nov 2018 - Jan 2019

- Measured the pharmacokinetic parameters of model mice which were injected with the prodrug of DOX micelles

Publication

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- Patent on hydrogen sulfide donor derivatives of 6-oxo-enmein-type kaurane diterpenoid and their preparation **Published**

Extracurricular Activity

International volunteer in Sri Lanka**Kandy, Sri Lanka**

Volunteer

Aug 2018 - Aug 2018

- Renovated local temples and visited the local hospital (80+ hours/2 weeks)

Scholarships

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- Liaoning Provincial Government Scholarship Nov 2019
 - China National Scholarship Nov 2018

Skills & Interests

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- **Skill:** ADAPT5, RStudio, Phoenix WinNonLin, NONMEM, Python
 - **Interest:** Writing Novels, Playing Softball