

## LI XINNONG

Email: xli267@buffalo.edu; Phone: +1 7167300130

### 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 $\beta$ 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 Azithromycin PBPK model 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

- 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

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

### Skills & Interests

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