

LI XINNONG

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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
- Collaborated with senior researcher to establish the Rilpivirine PBPK model which is applied to predict the maternal pharmacokinetics

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

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