

LI XINNONG

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Homepage: <https://xinnong98.github.io/>

Education

The State University of New York at Buffalo

Buffalo, NY, United States

Master of Pharmacometrics and Personalized Pharmacotherapy

Aug 2021 - Present

Current GPA: 4.0/4.0

Main Courses: Advanced Pharmacokinetics, Population PK/PD Modeling, Drug Metabolism and Transport

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

- Compared long-acting Cabotegravir exposure in HIV prevention case-control study through calculating AUC, PAIC₉₀ timeframe based on population pharmacokinetic model
- Collaborated with a fellow graduate student to implement the Cabotegravir and Rilpivirine PBPK model which could be 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 Azithromycin PBPK model in adults and children using PK-Sim software

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 that were injected with the prodrug of DOX micelles

Publication

- PBPK model prediction of long-acting CAB and RPV concentrations in pregnancy (CROI Abstract)
Yifan Yu, Adrie Becker, **Xinnong Li**, Robert Bies, Rachel Scott **Accepted**
- Patent on hydrogen sulfide donor derivatives of 6-oxo-enmein-type kaurane diterpenoid and their preparation DH.L, HM.H, X.G, ZL.L, FX.X, RW.J, **XN.L** **Published**

Extracurricular Activity

International volunteer in Sri Lanka

Kandy, Sri Lanka

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

Aug 2018 - Aug 2018

Scholarships

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

Skills & Interests

- **Skills:** ADAPT5, RStudio, Phoenix WinNonlin, NONMEM, Python
- **Interests:** Writing novels, Playing softball