

## LI XINNONG

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### Education

#### Shenyang Pharmaceutical University

Shenyang, Liaoning, China

Major: Pharmacy

Sep 2016 - Jul 2020

GPA: 3.66/4.0 (1/268); WES GPA: 3.81/4.0; TOEFL: 102; GRE: 323

Main Courses: Pharmacology, Pharmaceutics, Statistics

### Research & Work Experiences

#### University of Minnesota Twin Cities

Minnesota, Minneapolis, USA

Exchange Student

Jan 2020 - June 2020

- Established PBPK model to evaluate transport and utilization kinetics of glucose in Alzheimer's Disease

#### Center for Quantitative Clinical Pharmacology

Shenyang, Liaoning, China

Research Assistant

May 2019 - Present

- Conducted literature review to summarize the data, designed the research and wrote the manuscript
- Used PK-Sim and MoBi software to establish pediatric and adult models

#### 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
- Learned the method of measuring the pharmacodynamic parameters and building tumor in laboratory mice

#### The 15<sup>th</sup> People's Hospital in Zhengzhou

Zhengzhou, Henan, China

Pharmacy Assistant

Jul 2017 - Aug 2017

- Filled the prescription and provided hundreds of patients with guidance

### Publication & Under-review Papers

- Patent on hydrogen sulfide donor derivatives of 6-oxo-enmein-type kaurane diterpenoid and their preparation **Published**
- Liang L, Zhao X, Li X, et al. Development of an extrapolation from Adults to Pediatrics on Physiologically-Based Pharmacokinetic Model of Oral Azithromycin Suspension Using Pharmacokinetic Data. European Journal of Pharmaceutical Sciences. **Under Review**

### 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

- Provincial Government Scholarship Nov 2019
- National Scholarship Nov 2018

### Skills & Interests

- Skill:** PK-Sim Software, Stella Software, SAAM II Software
- Interest:** Writing Novels (got hundreds of thousands of page views), Playing Softball