

Shu NIU

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EDUCATION

Shanghai University of Traditional Chinese Medicine (SHUTCM)	Shanghai, China
▪ B.E. in Public Service Administration	Aug. 2014-Jun. 2018

PROFESSIONAL EXPERIENCE

Intern, Center for Drug Clinical Research of SHUTCM	Shanghai, China
Intern, Shanghai Shuguang Hospital Affiliated to SHUTCM	Shanghai, China
Research Assistant, Pharmacometrics Lab in the Drug Clinical Trial Center of Peking University Third Hospital	Beijing, China

RESEARCH

1. ST-Intrathecal delivery of hydromorphone vs morphine for refractory cancer pain: a multicenter, randomized, single-blind, controlled noninferiority trial
2. PK-Requirement of sample size and sampling points in pediatric pharmacokinetic trial
3. PK-Improving the Accuracy of Pediatric Pharmacokinetics Parameter Estimates: Case Study of Oseltamivir
4. DDI-Assessment of drug-drug interactions between a novel dipeptidyl peptidase-4 (DPP-4) inhibitor and metformin in Chinese healthy volunteers
5. PK/PD-Population pharmacokinetic and pharmacodynamics modeling of a novel glucokinase activator
6. PK - Population pharmacokinetics analysis of dabigatran etexilate in Chinese patients with atrial fibrillation
7. ER - Exposure Response Analysis of an anti-PD-L1 monoclonal antibody in patients with locally advanced or metastatic solid tumors
8. PK/PD - Population pharmacokinetics and pharmacodynamics modeling of rituximab in patients with membranous nephropathy
9. ST-Evaluation of the efficacy and safety of hydroxychloroquine in comparison with chloroquine in moderate and severe patients with COVID-19

PUBLICATION

- **Shu Niu**, Liyu Liang, Kun Wang, *Requirement of Sample Size and Sampling Points in Pediatric Pharmacokinetic Trial*, Chinese Journal of Clinical Pharmacology and Therapeutics, 2018, 23: 413-421
- Liyu Liang, Fengyan Xu, **Shu Niu**, Kun Wang, *Improving the Accuracy of Pediatric Pharmacokinetics Parameter Estimates: a Case Study of Oseltamivir*, Latin American Journal of Pharmacy (formerly Acta Farmaceutica Bonaerense), 2018, 37(8), PP: 1684-95

HONORS AND MEMBERSHIPS

- National Second Prize of 7th China Medical and Health Management Undergraduate Graduation Thesis Contest 2018
- Scholarship for Outstanding Graduates 2018
- Third Prize of China Undergraduate Mathematical Contest in Modeling in Shanghai 2017
- National First Prize of China Undergraduate Medical Mathematical Contest in Modeling 2017

SKILLS

- Computer skills:
 - Computer languages: R, Structured Query Language(SQL), Visual Basic (VB)
- Professional Tools:
 - Modeling and simulation: NONMEM, PIRANA, Phoenix WinNonlin
 - Statistics: SAS, R, SPSS
 - Photography: Photoshop (PS), Adobe After Effects (AE)
- Certificates & Trainings:
 - Annual meeting of professional committee of pharmacometrics of Chinese pharmacological society, Guangzhou, China, Nov. 2019
 - Population PK/PD analysis using NONMEM workshop in Peking university third hospital, Beijing, China, Jun. 2019
 - The 8th workshop of pharmacometrics and new biostatistical methods in drug development, Shanghai China, May 2016