

Yanran Wang

Ph.D. candidate, Microbiology Molecular Genetics program, Rutgers University
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- EDUCATION** *Third-year PhD student*, Bioinformatics Sep. 2014 - Present
Rutgers University, New Jersey, USA
- Focus on genetic variation research
 - Advised by Prof. Yana Bromberg
- Master of Science*, Clinical Pharmacokinetics Sep. 2011 - Jun. 2014
West China School of Pharmacy, Sichuan University, Sichuan, China
- Focused on pharmacokinetic modeling, drug metabolism, and cancer chemoprevention
 - Advised by Prof. Xuehua Jiang
 - GPA: 3.83/4.0
 - Part-time Teaching Assistant for course Biopharmaceutics Experiment 2013
- Bachelor of Science*, Pharmacy Sep. 2007 - Jun. 2011
West China School of Pharmacy, Sichuan University, Sichuan, China
- GPA: 3.19/4.0

PUBLICATIONS Zhaohui Jin, **Yanran Wang**, Xiaoqun Ren, et al. "Pharmacokinetics and Oral Bioavailability of Ganoderic Acid A by High Performance Liquid Chromatography-Tandem Mass Spectrometry." *International Journal of Pharmacology*. 11.1 (2015): 27-34.

Yanran Wang, Zhaohui Jin, Zhijun Wang, et al. "Pharmacokinetic properties of isradipine after singledose and multipledose oral administration in Chinese volunteers: a randomized, openlabel, parallelgroup phase I study." *Biomedical Chromatography* 27.12 (2013): 1664-1670.

CONFERENCE TALKS "Predicting Bipolar Disorder Predisposition from Exome Sequences with AVA,Dx" The Critical Assessment of Genome Interpretation 4 conference, San Francisco, Mar. 2016

SKILLS

- Analytical instruments for drug concentration determination: HPLC, LC-MS/MS.
- Molecular biology: cell culture, cell viability assay, soft agar assay, PCR, Western Blot, nude mice xenograft assay, etc.
- Pharmacokinetic softwares: Phoenix WinNonlin, isee STELLA.
- Programming Language: Python2, R.

RESEARCH EXPERIENCE *Lab Rotation* 2014 - 2015
Rutgers University, NJ, USA

- Participated in NAD⁺ kinase project and BCCIP project at CINJ, Rutgers University
- Participated in Manganese Physiologically-based Pharmacokinetic Modeling project at EOHSI, Rutgers University

Research Assistant 2011 - 2014
West China Research Center of Clinical Pharmacy, Sichuan, China

- Spearheaded the study of Chemo-preventive mechanism of Modified Xiaoyao Powder on breast cancer via Nrf2 signal pathway

- Spearheaded the study of pharmacokinetic properties after administration of isradipine capsule in healthy Chinese volunteers
- Spearheaded the study of bio-equivalence of losartan potassium capsules in healthy Chinese volunteers
- Spearheaded the study of bio-equivalence of metformin hydrochloride tablet in healthy Chinese volunteers
- Participated in non-clinical pharmacokinetic study of polyglutamate paclitaxel for injection

Capstone project of undergraduate study 2010 - 2011
 Pharmaceutical Lab, Sichuan University, China

- Participated in the study of preparation technology of liver-protecting effervescent tablets

**HONORS &
 CERTIFICATES**

The Top-class Kang Hong[®] Merit-based Award, *only one of the school* Oct. 2013
 The honor of excellent graduate student 2012 - 2013
 The First-class Bayer[®] Scholarship for Excellent Student Researcher, *top 3% of the school* Jun. 2013
 The First-class Scholarship for Outstanding Academic Performance, *top 3% of the graduate school* 2013 - 2014
 The Third-class Scholarship for Outstanding Academic Performance 2011 - 2013
 The Third-class Scholarship for Outstanding Academic Performance 2007 - 2008
 Phoenix[®] WinNonlin[®] 6.3 Certificate (*Intermediate Level*)