Piaopiao Li

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Education

College of Pharmacy, University of Florida Gainesville, Florida
- **Ph.D Candidate, Pharmaceutical Outcomes & Policy** *Since Aug.2020*

School of Pharmaceutical Sciences,Peking University Beijing, P.R.China.
- **M.S., Pharmaceutics** *Sep.2016-Jul.2018*
  Overall GPA: 89.8/100
- **B.S., Pharmacy** *Sep.2012-Jul.2016*
  Major GPA: 3.86/4.00 Ranking: 10/120

Working Experience

Johnson & Johnson,Janssen China Research&Development, Department of Clinical Operation
Site Manager Shanghai *Jul.2018-Jun.2019*
- Initiated clinical research of Esketamine(for depression) and Abiraterone(for prostate cancer) in several local hospitals, oversaw the process of research and ensured that the entire procedure goes smoothly, monitored the research procedure and guaranteed that researchers followed the proper clinical trial protocol to obtain data, verified the accuracy and integrity of the clinical data, ensured clinical research processes were performed in line with regulations of the FDA and GCP(Good Clinical Practice), gave protocol training for the investigators.

Taikang Life Insurance co., ltd,
Intern Beijing *Nov.2017-Jan.2018*
- Assisted the product manager to collect and analyze data of health insurances; collected and sorted out the professional information and evidence for different diseases such as cancer, diabetes, hypertension and other chronic diseases.

Research Experience

The Diminishing Cost-Effectiveness of the Newer Glucose-lowering Drug Classes in the United States: 2010-2018
Supervisor: Prof. Hui Shao; *May.2020-Sep.2020*
- Acquired, analyzed and interpreted the data.
- Drafted the manuscript and conducted critical revision of the manuscript.

siRNA-loaded lanthanum phosphate nanoparticles for treatment of colorectal cancer
Supervisor: Prof. Jian-Cheng Wang; *Dec.2016-May.2018*
- Prepared and optimized siRNA-loaded lanthanum phosphate nanoparticles, clarified the delivery efficiency, internalization pathways, intracellular trafficking routes of the nanoparticles.
- Evaluated *in vivo* performance in chemical-induced and transgenic orthotopic colon tumor-bearing mice, explored the potential pharmacological effects of lanthanum ions.

Core-shell calcium phosphate nanoparticle delivering siRNA to treat cervical cancer
Supervisor: Prof. Jian-Cheng Wang. Co-researcher: Yi Yan *Aug.2016-Oct.2017*
- Developed siRNA-loaded calcium phosphate nanoparticles and assessed cellular uptake,

cytotoxicity, intracellular distribution, endosomal esacpe and gene silencing efficacy *in vitro*.

- Evaluated the *in vivo* performance in tumor-bearing nude mice.

The influence of preparing methods on the effect of PCL-R_{15} / siRNA nanoparticles

Supervisor: Prof. Jian-Cheng Wang. Co-researcher: Wei-Zhong Liu *Aug.2015-May.2017*

- Prepared PCL-R_{15}(Polycaprolactone-Arginine$_{15}$)/siRNA nanoparticles by different methods, compared *in vitro* effects of PCL-R_{15}/siRNA nanoparticles prepared by different methods.

Investigation and analysis of the tendency to continue to pursue postgraduate education and the current situation of clinical pharmacy undergraduates

Supervisor: Prof. Hong Shao; Co-researcher:Xun Zhao, Chun Liu *Mar.2014-May.2015*

- Designed questionnaires, contacted clinical pharmacy undergraduates from four differernt universities over the country and then distributed questionnaires to them, conducted on-site survey for students in Capital Medical University
- Recorded data with EpiData, analyzed the data by SPSS and then wrote a research paper.

Publications

- **Piaopiao Li[1]**, Yi Yan,Haitao Zhang,Ru Wang,Huhu Han,Jiancheng Wang*, Treatment of cervical cancer by siRNA-loadedchitosan-coated calcium phosphate nanoparticles. *Journal of Chinese Pharmaceutical Sciences,* 2018, 27(8): 517-529.
- Weizhong Liu[1], **Piaopiao Li[2]**, Jiancheng Wang*,Comparison of *in vitro* effects of PCL-R_{15}/siRNA nanoparticles prepared by different methods. *Chinese Journal of New Drugs*, 2017(52):2006.
- Yi Yan, Shihe Cui, Jing Sun, **Piaopiao Li**, Haitao Zhang, Jiancheng Wang*, Novel cationic lipid with reduction-responsive cleavable hydrophobic tail for siRNA delivery. *Journal of Chinese Pharmaceutical Sciences,* 2018, 27(6): 383-396.
- **Li PP**, Yan Y, Zhang HT, et al. Biological activities of siRNA-loaded lanthanum phosphate nanoparticles on colorectal cancer. *J Control Release.* 2020;328:45-58.

Teaching Experience

Teaching assistant in ***Pharmaceutical Experiment*** *Spring 2016*

- Assisted in experiment preparation and guided students; Graded experiment report.

Teaching assistant in ***Pharmacotherapeutics*** *Fall 2017*

- Prepared teaching instruction materials; Assisted in lectures; Graded assignments and tests.

Selected Honors

- National Scholarship (sponsored by the Ministry of Education of the People's Republic of China, awarded to top 0.2% of all undergraduate students throughout the country); *Nov.2015*
- Pacemaker to Merit Students in Peking University(1% of the school) *Nov.2015*
- ShuRen Scholarship(top 3% of the school); *Oct.2016*
- Merit Student of Peking University (5% of the school) *Dec.2016*
- The First Prize of the National Academic Scholarship *Dec.2017*
- National Scholarship(awarded to 5% of graduate students in the department) *Nov.2017*

Techniques and Skills

Experienced in chemistry synthesizing and skilled in biological assessment; Familiar with C++, Software R, SQL , Photoshop, Adobe Illustrator,Microsoft office (Word, Excel, PowerPoint)

Other Activities

- Volunteer in Peking University Third Hospital. Provided assistance in checking medicine and examination to patients. *2012-2014*
- Director of Arts Department in Student Union of the College. *2014-2015*
- Volunteer in "2015 Survey on Popular Awareness of Safe Drug Usage" *Aug. 2015*