

Postdoctoral Fellow and Ph.D. students Opportunity

One Postdoctoral position is available at the group of Dr. Zhu Zhou at York College of the City University of New York (CUNY) and The CUNY Graduate Center to work on the research project funded by NIH. The postdoctoral fellow will conduct research that supports understanding of pharmacokinetics and pharmacodynamics in special/disease populations and enables precision dosing. The postdoctoral fellow will be initially appointed for a year-long term. The position is renewable for another year with the possibility of an extension, with an anticipated start date of Feb 2022 (negotiable). The candidate should be highly motivated and able to work well independently and have excellent communication skills. The ideal candidate should have a strong interest in model-informed precision dosing, pharmacometrics approaches to optimize pharmacotherapy. Applicants in related fields are encouraged to apply.

Duties and responsibilities:

- * Conduct research that supports understanding of pharmacokinetics and pharmacodynamics in special/disease populations and enables precision dosing. Model design and simulation of pharmacokinetics and pharmacodynamics data
- * Publish high-quality primary research articles in peer-reviewed journals and prepare grant proposals.
- * Apart from the projects, the fellow will have the opportunity to develop his or her teaching skills, help with mentoring new graduate students
- * Adheres to standards for safety and hygiene and ethical conduct as defined by the University and relevant outside parties

Required:

1. Doctorate (PhD, PharmD, MD, or DVM) in pharmaceutical sciences, pharmacokinetics, pharmacology, pharmacodynamics, or relevant field.
2. Good track record of productive research and publications.
3. Demonstrated proficiency in written and oral communication skills.
4. Excellent organizational and interpersonal skills.
5. Ability to work independently on assigned projects.

Preferable:

1. Experience with pharmacokinetics/pharmacodynamics modeling and simulation and related software packages
2. Experience with pre-clinical and clinical studies

To apply, please submit these three documents listed below to Dr. Zhou by email:
zzhou1@york.cuny.edu

- 1) Current CV
- 2) A brief statement of research experience, interests, and career goals
- 3) The names and contact information of the three references

This position will remain open until filled.

Dr. Zhou's lab also has 1-2 Ph.D. student positions. This is open to candidates with a university degree in pharmacy, pharmaceutical sciences, biochemistry, biostatistics, bioinformatics, life sciences, or medicine. See <https://www.gc.cuny.edu/admissions-aid/how-apply> for how to apply for the Ph.D. program.

Interested candidates can submit a cover letter, CV, as well as names and contact information of three references to Dr. Zhou by email: zzhou1@york.cuny.edu