

Post-Doctoral Scholar

Basic Description of Position:

Postdoctoral Scholar Position in Pharmaceuticals with a focus on Nanomedicine, Nanomaterials, and Drug Delivery

Two positions of Postdoctoral Scholar are immediately available in Taratula's lab (College of Pharmacy, Oregon State University, Portland, OR) for a highly motivated individual for developing novel nanomaterials and delivery vectors for gene /drug/imaging agents delivery for various diseases treatment. The successful candidate will design, synthesize, develop, and characterize new materials aiming at developing effective nanomedicine/nanotheranostics, and will evaluate their performance in vivo. A background in either nanomaterials, synthetic/polymeric chemistry, biochemistry, animal organology and histology, nanotechnology, and pharmaceuticals is preferred.

We are located at the SW Waterfront of the Robertson Life Sciences Building in Portland, OR that houses scientists from OSU, OHSU, and PSU. Research in our lab heavily involves interdisciplinary collaborations, including clinicians.

Dr. Taratula is dedicated to helping his team members advance their careers and become independent scientists.

To receive full consideration, interested applicants should send cover letter, their CV, research summary describing your immediate and long-term research accomplishments and goals (optional), and contact information for three references to Dr. Olena Taratula at olena.taratula@oregonstate.edu.

Position Duties:

80% Research:

Synthesize and characterization of novel materials (inorganic nanoparticles, polymers, dendrimers, lipids, and organic macromolecules) for nano-delivery vehicles.

Nanomaterials characterization and evaluation in vitro and in vivo.

Work in a team of undergraduates, graduate students, and postdocs in the lab.

15% Reports, Manuscript, & Proposal Preparation:

Maintain detailed records of data obtained in the laboratory. Prepare reports and manuscripts. Assist in proposal preparation.

5% Laboratory Maintenance:

Maintaining critical laboratory equipment, lab inventory, and overseeing lab safety.

Minimum or Required Qualifications:

- PhD in Chemistry, Pharmacy, Biology, Pharmaceutical Sciences, Materials Science, Biomedical Engineering, or related discipline.
- Ability to analyze data effectively and communicate in both written and spoken English.
- Ability to work effectively in a team environment.
- Experience with nanoparticles preparation and characterization, evaluation, or working with animals
- This position is designated as a critical or security-sensitive position; therefore, the incumbent must successfully complete a criminal history check and be determined to be position qualified as per OSU Standard 576-055-0000 et seq. Incumbents are required to self-report convictions and those in youth programs may have additional criminal history checks every 24 months.

Preferred Qualifications:

- Experience in evaluating drugs and imaging agents' efficacy in animal models is highly preferred
- Experience in drug delivery and nanomedicine is preferred
- Experience in the synthesis of inorganic nanomaterials /or synthetic polymer chemistry is preferred
- Background in biology, biochemistry, inorganic/organic chemistry, polymer chemistry, and/or lipid chemistry
- A demonstrable commitment to promoting and enhancing diversity

Department:

OSU College of Pharmacy

Location:

Robertson Life Sciences Building, OHSU, Portland OR

Position appointment percent:

100%

Appoint basis:

12 months

Anticipated appointment begin date:

July1, 2023

Anticipated appointment end date:

June 30, 2026

Posted Date:

May 24, 2023

Full consideration Date:

Review of applications will begin June 15, 2023 and continue until the position is filled.