

## **Basic Description of Position:**

Postdoctoral Scholar Position in Pharmaceuticals (Nanomedicine and Nanomaterials) with focus on Gene, Imaging agents and Drug Delivery

A position of Postdoctoral Scholar is 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 diseases treatment. The successful candidate will synthesize and characterize new materials aiming at developing effective delivery nanosystems, and will evaluate their performance in vivo. A background in either nanomaterials, synthetic/polymeric chemistry, biochemistry, 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. More information on our lab can be found on our website here: <https://www.taratulalab.com/>

Dr. Taratula is committed to the career development of his team members to 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. Oleh Taratula at [oleh.taratula@oregonstate.edu](mailto:oleh.taratula@oregonstate.edu) by January 15, 2023.

## **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, 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
- 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 drug delivery and nanomedicine is preferred  
Experience in the synthesis of inorganic nanomaterials /or synthetic polymer chemistry is highly preferred
- Background in inorganic/organic chemistry, polymer chemistry, and /or lipid chemistry
- A demonstrable commitment to promoting and enhancing diversity

**Location:**

Portland, Oregon

**Position appointment percent:**

100%

**Appoint basis:**

12 months

**Anticipated appointment begin date:**

February 1, 2023

**Anticipated appointment end date:**

December 31, 2025

**Full consideration Date:**

Review of applications will begin January 1, 2023 and continue until the position is filled