

Post-doctoral Scholar

The College of Pharmacy invites applications for a full-time (1.00 FTE), 12-month, Postdoctoral Scholar position. The laboratory of Dr. Conroy Sun is developing novel drug delivery, radiotherapy, and molecular imaging technologies for the treatment of cancer. The Sun Lab utilize expertise in materials science and nanotechnology to both address needs in clinical oncology and explore fundamental principles in cancer research. This interdisciplinary work spans the synthesis and characterization of new materials to in vivo testing in a variety of animal models. The position offered here requires biomaterials, chemical synthesis and characterization skills. A strong background in lipid nanoparticle synthesis and characterization assays is preferred. The Sun Lab located in the Robertson Life Sciences Building in Portland, OR.

Department: College of Pharmacy

Location: OHSU's Robertson Life Sciences Building, Portland, OR

Appointment: 100%#

Basis: 12-months

Start date: #As soon as possible#

Notes on end date: One year with possibility of renewal for up to three years

Position Duties:

70% Research:

The postdoctoral scholar will be responsible for carrying out chemical synthesis, in vitro and in vivo assays related to molecular imaging and drug delivery studies. Incumbent will be testing novel drug carriers both in combination with radiation therapy and as standalone therapies. The position requires the trainee to have the necessary training in the application of biological imaging tools, such as fluorescence microscopy. The position also requires extensive experience with small animal assays and associated immunohistochemistry techniques. Training in establishing mouse models of cancer is preferred but not required.

20% Reports, Manuscript, & Proposal Preparation:

The incumbent will maintain detailed records of data obtained in the laboratory and prepare reports, manuscripts, and aid in proposal preparation. The postdoctoral scholar should have the ability to read, write, and analyze data for presentation to other group members.

10% Laboratory Maintenance:

The postdoc will contribute to the overall maintenance and cleanliness of the lab. The position requires this lab member to also assist in maintaining laboratory equipment and oversee routine ordering of supplies as determined necessary by the principal investigator.

Required qualification:

Ph.D. degree in chemistry, material science, chemical engineering, biomedical engineering or related fields. 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 qualification:

Experience with establishing materials synthesis techniques is highly desired. A demonstrable commitment to promoting and enhancing diversity.

To Apply: Please send your cover letter and CV with complete list of publications and names with contact emails/addresses of three referees to Conroy Sun at sunco@oregonstate.edu.

Full Consideration Date: Open until filled

OSU values a diverse and culturally competent workforce and commits to an inclusive excellence by advancing equity and diversity in all that we do. Individuals with diverse backgrounds and those who promote diversity and a culture of inclusion are encouraged to apply. To request reasonable accommodation, contact the Affirmative Action and Equal Opportunity Access (EOA) at 541-737-3556 or equal.opportunity@oregonstate.edu