

Postdoctoral Scholar in the Radionuclide Production and Molecular Radiotherapy Research Laboratories within the Department of Radiation Oncology at the University of Washington
(<https://radiationoncology.uw.edu/research/research-labs/wilbur-radiochemistry-lab/>)

Position Description

The Radionuclide Production and Molecular Radiotherapy Research Laboratories in the Department of Radiation Oncology at the University of Washington (Seattle, WA) is seeking candidates for a Postdoctoral Scholar research position in radionuclide production for molecular radiotherapy. Our research group develops and evaluates radiochemistry methods that can be applied to produce and purify therapeutic and theranostic radionuclides, as well as development of radiolabeling reagents/chelators used for attaching radionuclides to biological targeting molecules, such as monoclonal antibodies (MAbs) for cancer therapy. Preclinical research in astatine-211-labeled MAbs conducted by our group has been translated to the clinic and is presently being evaluated in multiple human trials.

The University of Washington Medical Cyclotron Facility is capable of producing variable energy proton, deuteron, alpha and high energy neutron beams for radionuclide production. The Postdoctoral Scholar in our research group will collaborate with UW Materials Science research groups and cyclotron engineers to develop new target designs for irradiations. It is planned that the candidate will visit and work with our collaborators at National Laboratories and other universities to develop production methods, including purification and radiolabeling, of medical radionuclides. The radiopharmaceuticals under development will be evaluated in animal models through collaborations with investigators in other research groups at the UW and the Fred Hutchinson Cancer Center. The initial appointment is one year, and the appointment is renewable depending upon performance and availability of funding. Anticipated start date is January 1, 2024 or earlier.

Postdoctoral scholars are represented by UAW 4121 and are subject to the collective bargaining agreement, unless agreed exclusion criteria apply. For more information, please visit the University of Washington [Labor Relations website](#).

The base salary range for this position will be: \$4,480 - \$5,150 per month (\$53,760 - \$61,800 annually) commensurate with experience and qualifications, or as mandated by a U.S. Department of Labor prevailing wage determination.

Preferred Skills

Successful candidates should have a high interest in developing new cancer therapies, strong communication skills, commitment to laboratory safety and the ability to work independently. Our research is a team effort, and the candidate will be required to participate in a number of aspects of the research as desired and needed.

Qualifications

Candidates should have a doctorate in Radiochemistry, Organic Chemistry, Medicinal Chemistry, Materials Science, or a field closely related to those listed. It is essential that a candidate not experienced with radionuclides be willing to learn about radiochemical methods and work with radionuclides in the development of production methods and new radiopharmaceuticals.

Application Instructions

For full consideration, please submit your C.V., a cover letter and 3 professional contacts via Interfolio at <https://apply.interfolio.com/126068>.

Equal Employment Opportunity Statement

University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, marital status, pregnancy, genetic information, gender identity or expression, age, disability, or protected veteran status.

Benefits Information

A summary of benefits associated with this title/rank can be found at <https://hr.uw.edu/benefits/benefits-orientation/benefit-summary-pdfs/>. Appointees solely employed and paid directly by a non-UW entity are not UW employees and are not eligible for UW or Washington State employee benefits.

Commitment to Diversity

The University of Washington is committed to building diversity among its faculty, librarian, staff, and student communities, and articulates that commitment in the UW Diversity Blueprint (<http://www.washington.edu/diversity/diversity-blueprint/>). Additionally, the University's Faculty Code recognizes faculty efforts in research, teaching and/or service that address diversity and equal opportunity as important contributions to a faculty member's academic profile and responsibilities (<https://www.washington.edu/admin/rules/policies/FCG/FCCH24.html#2432>).

Privacy Notice

Review the University of Washington [Privacy Notice for Demographic Data of Job Applicants and University Personnel](#) to learn how your demographic data are protected, when the data may be used, and your rights.

Disability Services

To request disability accommodation in the application process, contact the Disability Services Office at 206-543-6450 or dso@uw.edu.

COVID-19 Vaccine Requirements and Information

Under University of Washington (UW) [Policy](#), University-compensated personnel must be fully vaccinated against COVID-19 and provide proof thereof, or receive a UW-approved medical or religious exemption. This requirement will be a condition of any offer associated with this recruitment. For more information, please visit <https://www.washington.edu/coronavirus/vaccination-requirement/>.