

Job Description

Pacific Northwest National Laboratory (PNNL) is a world-class research institution powered by a highly educated, diverse workforce committed to collaboration and work–life balance. Every year, scores of dynamic, driven post-docs come to PNNL to work with world-renowned researchers on cutting edge science, innovations and technologies.

We are seeking an outstanding Post-Doctoral candidate to join our multi-disciplinary team focused on mass spectrometry (MS) based omics analyses. This project is part of the Human Islet Research Network funded by the National Institute of Health. We are investigating the roles of alternative splicing in beta cell stress and development of type 1 diabetes (for references, see Nakayasu *et al.* . Cell Metabolism, 2020, DOI: 10.1016/j.cmet.2019.12.005; and Singer *et al.* . Cell Metabolism, 2019, DOI: 10.1016/j.cmet.2019.09.013). The project focus on the identification and validation of alternative splicing products by global and targeted proteomics, respectively. For this project, the candidate will have access to state-of-art analytical capabilities hosted by the Environmental Molecular Sciences Laboratory, a DOE national user facility, located on the PNNL campus.

The selected candidate is expected to 1) Work safely and independently in a laboratory setting, 2) Conduct independent research and work on team assignments, lead manuscripts and maintain a strong overall publication record in the peer-reviewed scientific literature, 3) Interact, communicate, and problem-solve with a diverse team of multi-disciplinary research staff across PNNL, 4) Present research work at technical conferences, and 5) Participate in the development of research proposals.

This is a full-time, limited term employment position. The duration of this appointment is two years, with the option of extending the appointment for up to three years.

Minimum Qualifications

Candidates must have received a PhD within the past five years (60 months) or within the next 8 months from an accredited college or university.

Preferred Qualifications

Strong organization and communication skills are needed to work efficiently in a team environment and to effectively demonstrate project success.

The ideal candidate would have a Ph.D. degree in Biochemistry, Endocrinology, Analytical Chemistry, Systems Biology, Physiology or related fields. Hands-on experience in LC-MS for proteomics analysis or in Endocrinology and human metabolism is preferred, but it is not required. Experience with cell culture and utilization of multi-omics-based datasets (genomics, proteomics, metabolomics, transcriptomics) are also preferred. A strong publication record and the ability to lead sub-projects as well as contribute to the work of others are pluses.

The candidate should be safety-oriented, possesses good written and oral communication skills, has demonstrated an ability to collaborate effectively, has a track record of demonstrating initiative, problem-solving, independent execution of routine research tasks, demonstrated ability to publish high impact research, and ability to learn new concepts and research techniques.

Equal Employment Opportunity

Battelle Memorial Institute (BMI) at Pacific Northwest National Laboratory (PNNL) is an Affirmative Action/Equal Opportunity Employer and supports diversity in the workplace. All employment decisions are made without regard to race, color, religion, sex, national origin, age, disability, veteran status, marital or family status, sexual orientation, gender identity, or genetic information. All BMI staff must be able to demonstrate the legal right to work in the United States. BMI is an E-Verify employer. Learn more at jobs.pnnl.gov.

Directorate: Earth & Biological Sciences

Job Category: Post-Graduates and Post-Docs

Group: Integrative Omics

Opening Date: 2020-12-14

Closing Date: 2021-01-28