

Research Technician/Specialist

Department of Physiology and Neurobiology

The Department of Physiology and Neurobiology at the University of Connecticut seeks to hire a full-time Research Technician/Specialist to join the research team of Dr. Akiko Nishiyama. The Nishiyama laboratory studies the regulation and function of oligodendrocyte precursor cells in the central nervous system. The laboratory uses a wide range of experimental approaches including mouse genetics, cell biology, histology, fluorescence microscopy, omics tools, and bioinformatics. The candidate will participate in parts of ongoing projects, particularly those that involve animal tissue processing and microscopy.

DUTIES AND RESPONSIBILITIES

Duties and responsibilities include performing experiments with live mice, tissue isolation and processing, tissue sectioning, histochemical and immunolabeling, cell culture, and microscopy. The candidate will also contribute to general laboratory maintenance and teaching standard laboratory techniques to undergraduate and new graduate students. The candidate is expected to maintain detailed paper and electronic records, participate in lab meetings, and function as a member of the team.

MINIMUM QUALIFICATIONS

- Bachelor's degree in biological sciences
- Experience working in a research laboratory
- Willingness to work with live mice
- Ability to maintain detailed documentation of the work
- Basic computer skills and quantitative skills (math, chemistry)
- Excellent oral and written communication skills
- Willingness to learn new experimental techniques and approaches as needed

PREFERRED QUALIFICATIONS

- Experience working with small rodents
- Experience with tissue processing, histology, and fluorescence microscopy
- Background in neurobiology with a basic understanding of central nervous system anatomy
- Excellent organizational skills
- Creativity and resourcefulness in troubleshooting experiments
- Ability to independently manage work and projects
- Willingness to teach undergraduate students basic laboratory techniques

APPOINTMENT TERMS

This temporary position is approximately 40 hours per week. Compensation is commensurate with work experience and skills. The initial appointment is for six-months with the possibility of renewal dependent on performance.

TO APPLY

Please submit 1) a detailed **curriculum vitae**, 2) a **cover letter** describing training, research experience, and personal goals, and 3) names and contact information for **three professional references** to Dr. Akiko Nishiyama, akiko.nishiyama@uconn.edu. Please reference search #HR22-08 in your application. Review of applications will begin immediately and continue until the position is filled. Successful candidates will be contacted to schedule an interview.

Employment of the successful candidate is contingent upon the successful completion of a pre-employment criminal background check.

All employees are subject to adherence to the State Code of Ethics which may be found at <http://www.ct.gov/ethics/site/default.asp>.

The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty and staff. The diversity of students, faculty and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University's teaching, research, diversity and outreach missions, leading to UConn's ranking as one of the nation's top research universities. UConn's faculty and staff are the critical link to fostering and expanding our vibrant, multicultural and diverse University community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.

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