Postdoctoral Research Associate

JOB SUMMARY

The laboratory of Dr. Dan Mulkey in the Department of Physiology and Neurobiology at the University of Connecticut, Storrs is seeking a Postdoctoral Research Associate to explore the cellular and molecular basis of neuronal excitability in brainstem regions associated with respiratory control. Our studies use a combination of electrophysiology, fluorescent microscopy and genetic approaches to identify cellular/molecular mechanisms contributing to control of breathing in health and disease. Highly motivated individuals holding a Ph.D. and a strong background in cellular neuroscience are encouraged to apply.

The University of Connecticut, rated first among public universities in New England and in the top 20 nationwide, is located in northeastern Connecticut with easy access to Boston and New York City. The University has a vigorous molecular and cellular biology research environment with state of the art facilities. The web page of the Department of Physiology and Neurobiology and recent information on the laboratory of Daniel Mulkey can be found at http://www.pnb.uconn.edu.

DUTIES AND RESPONSIBILITIES

I. Design and execute research experiments:

- Perform slice-patch electrophysiological experiments;
- Assess respiratory function in vivo using whole-body plethysmography;
- Conduct molecular bench work

II. Data analysis

- Analyze and present data as part of lab meeting
- Present results as posters or oral talks at national meetings
- Draft manuscript for publication

III. Mentor for Graduate Students

- Serve as mentor and role model junior members of the lab. This role includes answering questions if the PI is not available, providing constructive feedback to graduate students during lab meeting and exhibiting a friendly disposition in the workplace.

MINIMUM QUALIFICATIONS

1. Applicants must have a Ph.D. in the life sciences
2. Strong interest in understanding the cellular/molecular basis of disease
3. Strong communication skills
4. Ability to work independently

PREFERRED QUALIFICATIONS

1. Experience maintaining mouse colonies
2. Background in cellular electrophysiology
3. Training in basic molecular biology techniques

APPOINTMENT TERMS

This is a 12-month appointment, end-date position, subject to renewal. Salary will be commensurate with experience.

TO APPLY

Please apply online at http://hr.uconn.edu/jobs/, Staff Positions, Search #494907 to upload a **resume, cover letter,** and contact information for **three (3) professional references.**

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

This job posting is scheduled to be removed at 11:55 p.m. Eastern time on April 7, 2021.

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.