

## **Postdoctoral trainee position available at University of Wisconsin-Madison**

An NIH funded postdoctoral position is available immediately to investigate functional outcomes of *ex vivo* cell therapy (stem cell-based trophic factor delivery) to preserve respiratory motor neuron and diaphragm function in rodent models of Amyotrophic Lateral Sclerosis (ALS).

**Job Duties:** The candidate will perform *in vivo* respiratory neurophysiology in a rat model of familial ALS. He/she will transplant stem cells into the diaphragm, perform neurophysiological recordings from phrenic nerves and diaphragm EMGs. The successful candidate will join a highly collaborative team including a stem cell biologist (Masatoshi Suzuki; UW-Madison), and respiratory neurobiologists (Tracy Baker, UW-Madison and Gordon Mitchell, University of Florida). Although previous experience with *in vivo* neurophysiology is desirable, the candidate will be intensively trained in the necessary techniques.

**Requirements:** Ph.D. or equivalent in physiology, neuroscience or a related field. The individual should have strong interest in *in vivo* experimental approaches. The successful candidate must be a team player, think critically, and communicate effectively. Salary is compatible with NIH pay schedule.

Applications should include a cover letter describing major achievements and skills, a curriculum vitae and contact information of three professional references. Please send applications to Dr. Masatoshi Suzuki ([masatoshi.suzuki@wisc.edu](mailto:masatoshi.suzuki@wisc.edu)).

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### **Lab websites:**

Suzuki lab - <https://www.vetmed.wisc.edu/people/msuzuki/>

Baker lab - <https://www.vetmed.wisc.edu/people/bakert/>

Mitchell lab - <http://crrr.php.ufl.edu/research/affiliated-principal-investigators/gordon-s-mitchell-phd/>