Job Description

We are looking for a qualified, motivated and accountable Research Assistant to perform a variety of biochemical and whole-animal (mouse) procedures. This is a research-supported position in the Department of Neurology, Beth Israel Deaconess Medical Center and Harvard Medical School, in the laboratory of Dr. Elda Arrigoni. Our research group is focused on the neurobiology of sleep and wakefulness. In particular, we are interested in the effects of neuromodulators and sleep factors on neurons and neuronal circuitry involved in maintaining behavioral states. The candidate will work full time in an electrophysiology and neuroscience laboratory and will be involved in the day-to-day operation and handing of sensitive equipment. The ideal candidate should have strong work ethics and be willing and able to work both independently as part of a team. The position requires a high degree of interaction with laboratory and facility personnel and the candidate will require strong interpersonal and communications skills.

Applicants should send a CV, statement of background and interests, and the names of two references to earrigon@bidmc.harvard.edu

Notes: One opening and the position is available now.

The salary is commensurate with experience and in accordance with NIH guidelines.

PREREQUISITE QUALIFICATIONS:

- BS/MS degree in biochemistry/cell biology or related fields. Knowledge in neurobiology is advantageous.
- Effective verbal and written communication skills.
- Ability to be flexible and adapt to the changing needs of the lab.
- Ability to work with other members of the lab and the community.
- Ability to manage multiple tasks.

ESSENTIAL FUNCTIONS TO BE PERFORMED:

- Routine biochemical laboratory techniques.
- Immunohistochemistry.
- Mouse genotyping and management of the mouse colony.
- Small animal surgical procedures.
- Rodent behavioral studies including EEG recordings.
- Organize and store all chemicals substances according to safety instructions, maintain equipment, and assist in ordering laboratory supplies.
- Record all data and results in specified form (paper and electronic) with accuracy and responsibility.

SKILLS TO BE ACQUIRED:

- RT-PCR
- Brain tissue sectioning (vibratome/cryostat) and mounting
- Immunohistochemistry/immunofluorescence studies
- Confocal microscopy
- Animal surgery including stereotaxic brain injections, transcardial perfusion, intracerebral injections