Postdoc position available - Beth Israel Deaconess Medical Center at the Harvard University, Boston, USA.

Job Description

A postdoctoral fellow position is available for a project that investigates neural circuit mechanisms regulating sleep-wake behavior. The selected candidate will use optogenetic, chemogenetic, calcium imaging, single cell RNAseq, CRISPR/Cas9 and other state-of-art molecular genetic methods to probe sleep-wake circuitry in health and disease. Beth Israel Deaconess Medical Center is a Harvard-affiliated teaching hospital with a long tradition of excellence in cutting-edge research. We are located in the Longwood Medical Area of Boston, the most active biomedical research community in the world. The BIDMC Department of Neurology performs research on a variety of topics involving neuroanatomy, neurophysiology, neural development, and neurodegeneration.

Expected background

We seek a postdoctoral fellow (Ph.D.) who has a strong background in neurobiology, ideally in sleep and/or circadian rhythms. Experience in stereotaxic surgery, immunohistochemistry/histology, optogenetics, and mouse behavioral phenotyping is desirable. Experience in electrophysiology is a plus.

Expected start date: immediate but flexible; The initial appointment will be for two years, renewable annually thereafter.

Salary for this position will be as per the NIH guidelines.

How to apply

Please email 1) a cover letter describing research interests, 2) curriculum vitae and 3) contact details of 3 references to vramalin@bidmc.harvard.edu (Vetrivelan Ramalingam, Ph.D., Assistant Professor of Neurology, Beth Israel Deaconess Medical Center, Boston)