



MOLECULAR AND CELLULAR NEUROENDOCRINOLOGY.

EUNICE KENNEDY SHRIVER NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT, BETHESDA, MD AND SURROUNDING AREA

Position Description:

The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institute of Health (NIH), is recruiting two postdoctoral fellows to join the Section on Cellular Signaling and participate in basic and translational research in molecular and cellular neuroendocrinology.

The mission of the Section on Cellular Signaling is to investigate signaling cascades, gene expression, and secretion in hypothalamic and pituitary cells during development. Our recent and ongoing work has focused on age-, sex-, and tissue structure-specific signaling, transcription, and secretion; heterogeneity of neurosecretory cells reflecting their postnatal gene expression; the role of phosphatidylinositol 4-kinases and protein tyrosine phosphatase receptors in postnatal proliferation and maintenance of cell lineages; and cell type-specific electrical activity and exocytic pathways. Special emphasis in our work is on the single cell characterization, including calcium imaging, patch-clamp recordings, and single cell RNA sequencing.

The position is located on the main NIH campus in Bethesda, MD, a city with a stimulating scientific environment, near Washington, DC and its numerous universities and cultured and medical centers. The position is supported by the Intramural Program of NICHD research space and laboratory resources, with access to a microscopy and imaging core, a molecular genomic core, and an animal facility.

Skills and Qualifications:

Applicants must have a Ph.D. or equivalent, and no more than five years of postdoctoral research experience. A methodological background with any of the following techniques is welcome: mouse models, electrophysiological and imaging techniques, and/or cell model systems for studies on transcriptomes, signaling, and secretion. The candidate may be a U.S. citizen, a resident alien, or a non-resident alien who qualifies for a valid employment authorization visa. The salary is proportional to the research experience and achievements.

To Apply:

Candidates should submit their *curriculum vitae*, complete bibliography, and the names of three references, via email to Dr. Stanko Stojilkovic at stojilks@mail.nih.gov.

Deadline for applications: May 31, 2022, or until positions are filled.

DHHS and NIH are Equal Opportunity Employers.

The NIH is dedicated to building a diverse community in its training and employment programs.

This post will be available until May 6, 2022 or until filled.

