Postdoctoral Position Available

Postdoctoral positions are available in a laboratory in the Department of Anatomy and Neurobiology at the University of Maryland School of Medicine. The goal of the lab is to elucidate molecular adaptations occurring in the two striatal medium spiny neuron subtypes and regions to which they project in the basal ganglia circuit in psychiatric disease. We use techniques including cell-type specific gene expression and epigenetic profiling, optogenetics, brain region or cell-type specific genetic manipulations including targeting viral vectors to the brain and transgenic mouse lines, confocal microscopy, electrophysiology, and behavioral paradigms including self-administration, locomotor sensitization, CPP, social defeat stress, anxiety and depression related behaviors, and stereotypy behaviors.

The candidate should have a PhD in Neuroscience or a related field. Experience with rodent behavior, molecular biology, and electrophysiology is desired. Funding for this position is for a study examining molecular and circuit mechanisms of depression.

For further information on the research focus please refer to our lab website: lobolab.org and these manuscripts:


University of Maryland School of Medicine is an excellent research institute with state of the art facilities. Baltimore (the Charm City) is a multicultural city with historical, cultural, food, and sporting events and is in close proximity to major cities such as New York City and Washington D.C.

Candidates should send an updated CV, complete contact information for three references, and a cover letter describing their past research experience, career goals and potential future research interests. Material can be sent to Mary Kay Lobo, PhD: mklobo@som.umaryland.edu