

The Sahin Lab at Boston Children's Hospital (in the Department of Neurology and Kirby Neurobiology Program) has an opening for a postdoctoral fellow to study the cellular and circuit mechanisms underlying neurodevelopmental disorders such as tuberous sclerosis. The lab seeks to understand the gene and protein alterations that results in abnormal neuronal connectivity using genetically engineered mice, behavioral and electrophysiological phenotyping, patient-derived induced pluripotent stem cells, rodent and human neuronal cultures, RNA-Seq, TRAP, single cell sequencing, high-content cellular imaging technologies. Fundamental knowledge gained from these approaches will be leveraged to develop novel therapeutic approaches to treat neurodevelopmental disorders. To this end, the group frequently works translationally with clinicians, patient advocacy groups and industry partners to pursue therapeutic discovery and the fellow will have the opportunity to engage in these activate collaborations. For more information about the lab, please see: <http://sahin-lab.org/>

Applicants should possess a Ph.D. and/or M.D. degree in Neuroscience, Cell Biology, Biochemistry, Genetics or a related field. In addition, the applicant should be highly motivated, have a strong history of publication in peer-reviewed journals, and be able to work collegially and constructively with others. Prior work with the technologies listed above would be a plus.

Our lab is physically located in the Center for Life Science (CLS) Building at the center of the Longwood Medical Campus in Boston. We are an affiliate member in the Harvard Stem Cell Institute (HSCI) and an associate member in the Broad Institute.

The Sahin Lab believes that a diverse, inclusive, and collaborative team is essential to research and is committed to equal opportunity in employment and professional advancement. All qualified applicants will receive consideration for employment without regard to race, gender, sexual orientation, belief, nationality and ability.

Interested individuals should send a cover letter, curriculum vitae, and the names and email addresses of three people who could provide letters of reference by email to Jess Kim at **Jessica.Kim@childrens.harvard.edu**.