

Neuroscience at Boston Children's Hospital

RESEARCH ASSISTANT

Greetings from Boston!

I am an alum (class of '04) and I am looking for a research assistant interested in neuroscience to join me in investigating the role of parvalbumin interneurons in tuberous sclerosis-associated epilepsy. I was hoping that you could share this ad with the graduating seniors in the department who may be interested in an RA position prior to going to medical and/or graduate school.

Thank you!

Catherine Salussolia '04

Catherine L. Salussolia MD/PhD

Clinical Neurology Fellow

Post-doctoral Fellow |Sahin Lab | Neurology

[Boston Children's Hospital](#)

300 Longwood Ave, Fegan 11, Mailstop 3213, Boston, MA 02115

t: 617-355-6388 | f: 617-730-0282

[Twitter](#) | [LinkedIn](#) | [Facebook](#) | [Instagram](#)

**Research Assistant, Sahin Laboratory
Boston Children's Hospital**

A research assistant position is available for a start date in June 2022 within the Sahin laboratory at Boston Children's Hospital. The individual will join a team that utilizes a mouse model to study tuberous sclerosis complex (TSC), and more specifically the role of interneurons in TSC-associated epilepsy. The research assistant will be trained to maintain the mouse colony, genotyping, DNA and RNA isolation, western blots and characterize these animals using cutting-edge technologies. The candidate will also have the opportunity to actively participate in meeting discussions and presentations.

Duties & Responsibilities:

- Mouse colony maintenance- setting up matings, toeing, weaning, weighing animals.
- Genotyping of mice
- Isolation and analyzing RNA/DNA, including but not limited to: PCR, immunocytochemistry, western blot.
- Lab maintenance, i.e. ordering supplies, general upkeep, etc.
- Organizing processed samples.

Qualifications:

- A BA/BS degree in Biology/Molecular Biology/Biochemistry/Neurobiology or related field.
- Flexible working hours during weekdays AND weekends on rotating schedule.
- Experience with animals required; experience with genotyping is a plus
- Past research experience in cell biology, molecular biology, genetics, or neuroscience at the undergraduate level or beyond, preferred.
- Excellent communication, organization, time management, and record-keeping skills a must.

This is a two-year, full-time, salaried position with affordable health, vision, and dental insurance, 403(b) retirement savings plan, pension, tuition reimbursement, cell phone plan discounts, and discounted rates on T-passes (50% off).

For questions or to submit your resume/CV and cover letter please contact:
Dr. Catherine Salussolia, Catherine.salussolia@childrens.harvard.edu