

---

**Xin Tang, PhD**

Assistant Professor of Neurosurgery  
Boston Children's Hospital  
300 Longwood Avenue, CLS18  
Boston, Massachusetts 02115  
phone: 814-753-2789  
fax: 617-919-2380  
xin.tang@childrens.harvard.edu

***Join the Tang lab in BCH to Understand Brain Function and Dysfunction: from Model to Mechanism to Medicine***

The Tang Lab in the Boston Children's Hospital Department of Neurosurgery is recruiting highly motivated and talented postdoctoral fellows in the areas of molecular/cellular neuroscience, electrophysiology, or cancer biology to join our growing team. We are committed to understanding the molecular and cellular basis of human brain disorders to develop precision medicine therapeutics that relieve disease symptoms. With a focus on neurodevelopmental disorders, epilepsy, and brain cancer, we employ an integrated translational research approach that leverages technologies spanning genome engineering, human stem cell differentiation, organoid culture, single cell-omics, bioinformatics, biochemistry, electrophysiology, and high-throughput drug/gene screening.

The lab is funded by the Simons Foundation Autism Research Initiative (SFARI) through a SFARI Bridge to Independence Career Transition Award, and with startup funding from Boston Children's Hospital. We operate in a spacious, fully-equipped lab on the top floor of the Center for Life Sciences building, located at the heart of the Longwood medical biotechnology hub and within the larger Boston research community. With full access to state-of-the-art facilities and research services, our lab closely interfaces with both research teams at the F.M. Kirby Center and clinicians in the BCH Neurosurgery Department. More information about the lab can be found on our webpage: <https://kirbyneuro.org/XinTangLab>

Applicants who have a Ph.D. degree or be nearing completion of it, in the fields broadly related to neuroscience or cancer biology, are strongly encouraged to apply. The best candidates will be comfortable working both independently and in a team setting to lead research projects, with an approach that demonstrates high ethical standards, responsibility, organization, and thoroughness. Dr. Tang is committed to promoting diversity and scientific excellence in his lab, and will work closely with you during your scientific training and formulate a career development plan with you, tailored to your professional and personal goals. To apply, please send a cover letter outlining your research interests and qualifications, a CV, and contact information for three references to Dr. Tang: [xin.tang@childrens.harvard.edu](mailto:xin.tang@childrens.harvard.edu)

**Dr. Xin Tang's diversity and mentorship statement**

I am firmly committed to proactively supporting diversity, equity, and inclusion at Boston Children's Hospital and the F.M. Kirby Neurobiology Center. My personal experience as an immigrant scientist, studying and working in the US, gave me first-hand knowledge of the importance

of these values. I feel very fortunate to have had the educational and career support I've received, and I am dedicated to providing them to the next generations of researchers. It's my cherished belief that scientific research aiming to understand universal truths is, by definition, a global collaboration, one providing a fair, merit-based, safe and collegial forum through which everyone can communicate and contribute.

My lab and I will strive to ensure that every talented individual, regardless of gender, ethnic background, religion, sexual orientation, or nationality, is given equal opportunities to excel. Throughout my career, I have been deeply engaged in teaching and mentoring students and young scientists from diverse backgrounds, including underrepresented minorities, at different stages of their careers. If you become a member of our research team, your scientific progress and career development are my priority.