

## Postdoctoral Scientist in Translational Brain Tumor Research

The Department of Neurological Surgery at Northwestern University is seeking an outstanding Postdoctoral Fellow for expansion of fundamental aspects of glioblastoma immunology and translational research in the field of brain tumors immunotherapies.

This position offers an opportunity to work in the NIH-funded lab of Dr. Catalina Lee-Chang. The Lee-Chang lab has a strong translational emphasis and relies on patient tumor specimens and clinical data, well established mouse glioma models, next-generation sequencing data (sc RNA-seq), and cutting-edge technologies such as immunofluorescence multiplex. The Department of Neurological Surgery offers a nurturing environment for career development, a stimulating community of several brain tumor research labs, weekly conferences and seminars of interest.

The Postdoctoral Fellow will be expected to build a publication record including submissions to leading cancer biology journals; supervise rotating undergraduate, graduate and medical students; apply for internal and/or extramural funding; and attend national meetings that will help to build an international reputation.

**Minimum Qualifications:** Ph.D. in immunology, molecular biology, biochemistry, cancer biology or related field.

### **Required Competencies:**

- Experience working with small animal models and mammalian cell culture
- Expertise in immunology-related basic techniques such as flow cytometry
- Ability to design and conduct experiments, maintain accurate GLP style recordkeeping, and collaborate effectively within a team environment
- Strong verbal and written communication skills
- Ability to prepare and present research at meetings and write scientific manuscripts in fluent English
- Strong murine and human immunology knowledge

### **Preferred Competencies:**

- Familiarity with next generation sequencing data and gene expression analysis (single-cell RNAseq)
- CRISPR, gene silencing and over-expression techniques
- Cloning and rescue of retroviral and lentiviral vectors

Interested applicants must send a current curriculum vitae, a cover letter containing a short summary of research experience and aspirations, and names and contact information for at least three professional references to Dawn Rose ([dawn.rose@nm.org](mailto:dawn.rose@nm.org)). Applicant must be able to begin employment no later than September 1, 2021.

***Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women, underrepresented racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.***