A postdoctoral position is available immediately in the Department of Neurosurgery, Northwestern University Feinberg School of Medicine. We are located on the Northwestern Downtown Campus in Chicago area. This campus has state-of-the-art core facilities in the areas of genomics, metabolomics, proteomics, flow-cytometer and microscopy (http://www.feinberg.northwestern.edu/Research/cores/cores-list.html).

We are seeking a self-motivated postdoctoral scientist to study cancer stem cell biology and epigenetic regulation of cellular plasticity in brain tumor. Candidates with a strong background in cancer and stem cells biology, epigenetic regulation and bioinformatics tools are encouraged to apply.

This position will focus on epigenetic/functional genomics in cancer and cancer stem cell biology. We will use microarray and next generation sequencing technology (ChIP-Seq, RNA-Seq) to profile genome-wide changes in brain and brain tumor with different treatments. Desired background: experience in molecular genetics and genome-wide DNA/RNA, ChIP-Seq analysis. Functional validation of results using standard molecular biology techniques will be performed in vitro and in vivo using patient derived xenograft line (PDX), primary samples and murine models. Specific responsibilities include conducting independent bench research, analyzing, interpreting and presenting data, and preparation of manuscripts. Recent Ph.D. recipients with authorization to work in the USA are encouraged to apply.

To apply, candidates should send CV including list of publications, cover letter, and names/contact information of three references to Atique Ahmed, PhD at atique.ahmed@northwestern.edu

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