



## POSTDOCTORAL RESEARCH SCIENTIST – BRAIN TUMOR BIOLOGY

Applications are invited for a postdoctoral research scientist with an interest in the following project in Dr. Frank Furnari's Laboratory of Tumor Biology at UC San Diego ( <https://www.furnarilab.com/> )

**Modeling brain cancers using genetically engineered human pluripotent stem cells.** This post is funded by the NIH to address mechanisms that drive initiation and progression of adult and pediatric brain cancers. Using our tumor avatar modeling platform (see [Koga, Nat. Comm., 2020](#); [Parisian, G&D, 2020](#); [Miki, Neuro Oncol., 2022](#)), the overarching goal of this postdoc position is to molecularly understand the formation of adult and pediatric brain tumors and target vulnerabilities that are revealed through genetic, epigenetic and pathway analyses. The successful applicant will join a lively and well-resourced laboratory positioned within a world class clinical/research center that affords collaborations with other labs within the greater San Diego research community, including the Salk, Scripps and Sanford Burnham Prebys Medical Discovery Institutes, and the La Jolla Institute for Immunology. Many state-of-the-art facilities are available, including those for in vivo imaging of animal models, microscopy, drug discovery, NGS, chromatin analysis, bioinformatics, and mass spectrometry.

The ideal candidate will have a Ph.D., M.D. or M.D./Ph.D. degree with a year or less of postdoc experience and must possess strong elements of self-motivation and the ability to work efficiently in a collaborative and collegial environment. The candidate will also have an abiding commitment to basic and translational cancer research as well as superb verbal and written communication skills.

**Preferred areas of experience:** Cancer Biology (in vitro and in vivo tumor models), Genomics/Epigenomics (RNA-Seq, scRNA-seq, ChIP-Seq), Molecular Biology (cloning, western blotting, etc.), Biochemistry (protein purification and enzymatic assays), and Genetic Screens (e.g. CRISPR/Cas9).

**Application Process:** Interested applicants should submit a copy of their CV, the contact information (email address and phone number) of three references, and a statement of research skills and interests to Dr. Frank Furnari: [ffurnari@health.ucsd.edu](mailto:ffurnari@health.ucsd.edu)

*UC San Diego is committed to equal opportunities and welcomes applications from all sections of the community.*