GLADSTONE INSTITUTES

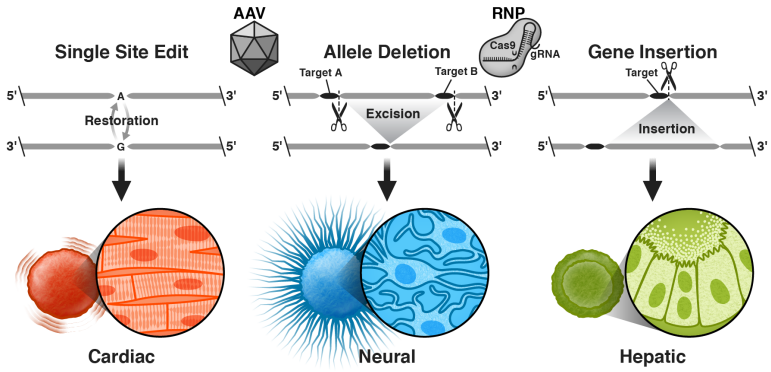
POSTDOCTORAL POSITIONS IMMEDIATELY AVAILABLE

Seeking Postdoctoral Fellows for New NIH Common Fund Project

McDevitt Laboratory for Engineering Stem Cell Technologies
Gladstone Institutes, San Francisco, CA

"Human microtissues for in situ detection and functional measurement of adverse consequences caused by genome editing"

Two post-doctoral positions are immediately available in the McDevitt Laboratory for Engineering Stem Cell Technologies at the Gladstone Institutes in San Francisco, CA. These openings are for a new NIH-funded project as part of the overall focus of the laboratory to engineer human microtissues from stem cells that can be used for the development of novel biomedical therapies.



The goal of this project is to develop and validate human tissue platforms capable of sensitively and accurately detecting adverse effects of genome editing on physiologic tissue function, focusing on human induced pluripotent stem cell-derived cardiomyocytes, neurons, and hepatobiliary cells engineered into 3D microtissues to model heart, nervous system, and liver diseases *ex vivo*.

This project will be conducted in close collaboration with colleagues at the Gladstone Institutes, UCSF and the Chan Zuckerberg Biohub. We are seeking highly qualified, motivated and talented individuals with relevant interests and background expertise to join our interdisciplinary team of researchers.

Qualified candidates must have a PhD in bioengineering or the biomedical sciences and a solid track record of research productivity evidenced by multiple publications in quality peer-reviewed journals. Prior experience in stem cell culture and differentiation, phenotypic analysis, physiology testing and/or advanced microscopy imaging is strongly preferred. Previous experience with assay development and genome editing strategies would be very beneficial. In addition to strong communication skills, the ability to work independently and effectively as part of a team is necessary to facilitate collaborative activities amongst the team of investigators.

Interested individuals should submit a CV including the names of at least 3 references and a cover letter describing background experience and future interests to: todd.mcdevitt@gladstone.ucsf.edu

About the Gladstone Institutes

To ensure our work does the greatest good, the Gladstone Institutes focuses on conditions with profound medical, economic, and social impact—unsolved diseases. Gladstone is an independent, nonprofit life science research organization that uses visionary science and technology to overcome disease. It has an academic affiliation with the University of California, San Francisco.

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