

Lab/Research Program Website

<https://healthsciences.ucsd.edu/som/pediatrics/research/labs/cherqui/Pages/default.aspx>

About the Position**Title of the Position**

Postdoctoral fellow

Job Description

Post Doc Fellow - Stem Cells Gene Therapy/Gene editing for neuromuscular disorders

Location

University of California, San Diego

Disciplinary Specialty of Research

Gene therapy, Gene editing, Stem Cells, Neuroscience

Description of the Position

Available immediately for highly motivated Ph.Ds, the position focuses on the use of hematopoietic stem cells (HSCs) and gene therapy for the treatment of inherited approaches for multi-systemic degenerative disorders, and in particular neuromuscular diseases. Gene therapy technologies employed in the project include lentivirus vectors and CRISPR/Cas9-mediated gene editing. The candidate will also use human and mouse HSCs in in vitro assays and murine models of genetic disorders. The project also includes the investigation of the mechanism involved in the rescue of degenerative neuromuscular tissues by HSC-derived cells. Successful Candidates will be part of a stimulating and collaborative scientific environment with cutting-edge instrumentation and facilities.

Qualifications Required and Preferred Academic Background

The candidate should be highly self-motivated, with strong communication and interpersonal skills and the ability to work independently, has a PhD, with a strong background in stem cell biology, gene therapy and CRISPR/Cas9-mediated gene editing and neuroscience. Experience with mice is required.

If you are interested, please submit your C.V. to Stephanie Cherqui scherqui@ucsd.edu.

Salary/Stipend

Salary is commensurate with experience.

Appointment Length/Period

Two years, with possibility for extension.