

Postdoctoral Position at UC San Diego Regenerative Medicine: Stem Cells

The Signer Lab in the Division of Regenerative Medicine at UC San Diego is looking for a Post-Doctoral Researcher interested in protein homeostasis in hematopoietic stem cells.

Candidate responsibilities:

- Characterization of hematopoiesis in genetic mouse models.
- Isolation and transplantation of hematopoietic stem and progenitor cells.
- Quantification of gene/protein expression, signal transduction pathway activation, and evaluation of protein homeostasis.
- Independently design, perform and analyze experiments and procedures.
- Demonstrate ability to adapt methods according to project priorities.
- Comfortable handling and working with mice, primary human tissues, and hazardous materials.
- Be able to present results, accurately document experiments and writing of reports and manuscripts.
- Committed to work in a collaborative environment that values diversity, equity, creativity, and excellence.

Procedures will include cellular and molecular biology techniques including flow cytometry, cell sorting, PCR, Western blotting, high throughput sequencing, microscopy, cloning, virus preparation/infection, tissue culture, and generation of transgenic/knockout mice. The postdoctoral researcher will also be involved in general laboratory maintenance, participate in group meetings, data presentation and manuscript preparation.

Candidates must have obtained a Ph.D. or M.D./Ph.D. in cellular and molecular biology or a related field. Applicants should send a cover letter, CV, and contact information of three references to Dr. Rob Signer at rsigner@ucsd.edu.

The University of California is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.