



University of California
San Francisco

Audrey Parent Lab

Junior or Assistant Specialist

Open date: March 10, 2023

Next review date: Monday, Apr 10, 2023 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

Final date: Tuesday, Sep 10, 2024 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

POSITION DESCRIPTION

The Parent lab at the UCSF Diabetes Center is seeking applicants for a full-time Specialist position at the Junior or Assistant level. Our research is focused on understanding changes in immune tolerance that lead to autoimmune destruction of pancreatic insulin-producing beta cells in type 1 diabetes (T1D). We are combining directed differentiation of human pluripotent stem cells into cell types relevant to T1D with genome engineering approaches to model the human disease. We are also developing strategies to produce immune evasive stem cell-derived pancreatic beta cells to accelerate clinical translation of cell therapies to treat diabetes.

The work includes:

- Stem cell tissue culture
- Genome engineering of cells using techniques like TALEN/CRISPR
- Transfection and/or viral infection of mammalian cells
- Analysis of cells by immunohistochemistry, qPCR and flow cytometry
- The candidate is also required to participate in lab organization tasks such as aliquoting growth factors/small molecules and maintaining lab supplies
- The candidate will also design and execute laboratory testing according to standard procedures, make observations and interpret findings.

Required Qualifications:

Specialist appointed at the Junior level must possess (or in process of obtaining) a BA/BS degree in biological or biochemical sciences (or a related field); Specialist appointed at the Assistant level must

possess (or in process of obtaining) a MA/MS degree in biological or biochemical sciences (or a related field). Applicant's materials must list (pending) qualifications upon submission. Applicants must have obtained the degree requirement for the Specialist level by the time of hire.

Preferred Qualifications:

- Experience with cell culture methodologies strongly encouraged.
- Knowledge of and experience with basic molecular biology protocols.
- Basic understanding of tissue histology and staining.
- Experience carrying out flow cytometry assays.
- Strong organization skills and the ability to work under minimal supervision are key to this position.

See Table 24B (https://www.ucop.edu/academic-personnel-programs/_files/2022-23/july-2022-salary-scales/t24-b.pdf) for the salary range for this position. A reasonable estimate for this position is \$49,000 - \$63,000.

Please apply online at <https://aprecruit.ucsf.edu/JPF04437>.

APPLICATION REQUIREMENTS

Document requirements:

- Curriculum Vitae - CV must clearly list current and/or pending qualifications (e.g. board eligibility/certification, medical licensure, etc.).
- Cover Letter
- Statement of Research (Optional)
- Statement of Teaching (Optional)
- Statement of Contributions to Diversity - Please see the following page for more details: <https://diversity.ucsf.edu/contributions-to-diversity-statement> (Optional)
- Misc / Additional (Optional)

Reference requirements: 3 required (contact information only)

CAMPUS INFORMATION

As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy found here: https://policy.ucop.edu/doc/5000695/SARS-CoV-2_Covid-19.

UC San Francisco seeks candidates whose experience, teaching, research, or community service that has prepared them to contribute to our commitment to diversity and excellence. The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status.

JOB LOCATION

San Francisco, CA