

Positions Available

POST-DOCTORAL FELLOW

The Marson lab is seeking post-doctoral fellows, preferably with strong backgrounds in cellular immunology. Applicants with backgrounds in genomics, molecular biology, computational biology and genome engineering who have a research interest in immunology are also encouraged to apply. Applicants should have a MD or PhD or equivalent doctoral degree. The ideal candidate should have an excellent publication record, be able to provide evidence of the ability to work independently and in a team, and be prepared to supervise students and technicians.

COMPUTATIONAL BIOLOGIST

The Marson lab is seeking a computational biologist. Post-doctoral applicants should have a MD or PhD or equivalent doctoral degree with at least 3 years of proven research experience in computer science and analysis of large datasets, preferably with a background in biology. The ideal candidate should have a strong publication record, be able to provide evidence of the ability to work independently and in a team, and be prepared to supervise students and technicians.

We will also consider applications for a bioanalyst position (exact job title to be determined) from individuals with a B.A., B.S. or M.A. (or equivalent degree) with a particularly strong background in analysis of large datasets.

TECHNICIAN

Working as part of a multidisciplinary group, the SRA will utilize various protocols to generate the molecular components, such as DNA constructs, necessary for specific cellular engineering experiments. Additional major responsibilities will include the preparation, sequencing, and analysis of next-generation sequencing libraries to support pooled screening experiments. Further responsibilities will consist of isolation and culture of primary human immune cells, as well as functional analysis of engineered cells via Sanger sequencing and flow cytometry. Strong organizational and communication skills are required. For exceptionally skilled applicants, opportunity exists to extend the SRA's role to include the design and completion of cellular editing experiments, as well as in vivo analysis of novel cellular cancer immunotherapies. This position represents an excellent opportunity to gain exposure to basic laboratory skills as well as genetics and genome engineering skills in a dynamic, well-established research environment.

Pooled Knockins position description ^[1]

Payment is according to the UCSF pay scale. UCSF is an equal opportunity/affirmative action employer. All qualified candidates are encouraged to apply. Please submit your complete application documents (including CV with publications, cover letter, publication list and references) via email to: [alexander.marson \[at\] ucsf.edu](mailto:alexander.marson@ucsf.edu) ^[2]

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Links

[1] <https://marsonlab.ucsf.edu/sites/marsonlab.ucsf.edu/files/wysiwyg/2019-10-18-PooledKnockins.pdf>

[2] https://marsonlab.ucsf.edu/redirect.aspx%3FC%3D4p1Byc6j1UG-F8wBTyNFK2kiNcibV9AlwELuTKF_-i4utqzMxNgpVmVwfJGPRjK8zWUjWPJB128.%26amp%3BURL%3Dmailto%253aAlexander.marson%2540ucsf.edu