University of California
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Job Opportunity: Research Technician in a New Immunology, Metabolism, and Genomic Editing Lab at the University of California, San Francisco (UCSF)

Summary: The Bapat Lab is a newly established basic science research lab at UCSF, studying fundamental questions at the intersection of the immune system and metabolism. At a high level, we investigate how nutrition affects immune responses across a range of physiological contexts – utilizing a mix of traditional, well-worn techniques combined with cutting-edge genomic editing and imaging tools.

We are seeking a research technician to join a small, highly collaborative, and motivated team in a new lab. This individual will report to and work directly with the lab leader. The position offers a unique opportunity to contribute ideas and learn directly from the PI, however the desire to work and make decisions independently is essential for success. The successful candidate will have had previous experience in a laboratory setting and a strong academic record.

The lab explores questions at the organismal, cellular, and molecular levels and employs a broad range of techniques. A willingness to learn and develop mastery in new techniques in the areas of DNA cloning/sequencing, viral transduction, CRISPR editing, cell culture, T cell biology, flow cytometry, advanced microscopy, tissue dissections, and mouse husbandry/colony management is essential. The expectation is that this individual will be able to fully pursue a scientific line of inquiry via direct experimentation and intellectual contribution.

Additionally, this individual will perform key tasks related to lab management and administration, including purchasing/ordering supplies required for experiments, ensuring lab safety, animal, and other protocols are in good order, and working with lab members to solve other administrative tasks as they come up. These lab management/administrative duties will be shared with other members of the lab.

Dr. Sagar Bapat conducted his research training mentored by influential scientists across laboratories at Stanford, the Salk Institute, and UC San Francisco. He completed his MD-PhD program at UC San Diego and completed his residency in laboratory medicine at UC San Francisco. He has published in high profile journals including *Nature* and *Science* and is focusing on an exciting and under-researched area of biology at the intersection of immunology and metabolism.

Things to consider:

1) This position is ideal for the individual who is considering future enrollment in medical school, graduate school, or a combination of both (MD-PhD) and desires an intellectually rich experience with a focus on experimentation and development as a scientist. There is a strong history of research technicians from UCSF going on to top medical and graduate schools (including UCSF, Stanford, Harvard, etc.) and then becoming lab leaders that make meaningful scientific contributions. Dr. Bapat has advised 3 technicians, who have all gone on to top medical and graduate schools.
2) This lab is newly established and small, so the research technician will meet one-on-one and receive mentorship from Dr. Bapat directly.
3) The Bapat lab culture has four driving values: Clarity of thought and intent, Ambition for significance, Collaboration in thinking and action, and Wellness.
4) Compensation will be in line with UCSF guidelines.
5) The minimum commitment at this position is 2 years.

Start date: Flexible, starting between January 2023 - August 2023.

For those interested: Please send a brief statement of interest and a CV/resume to Dr. Sagar Bapat at sagar.bapat@ucsf.edu. Please include a summary of your academic record (major, classes taken, GPA, salient previous research experiences) and three references.