

**Gnotobiotic mouse facility manager (research specialist)
University of California, San Francisco**

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Posted Oct. 25, 2019, set to expire Feb. 20, 2020

Job Title	Gnotobiotic mouse facility manager (research specialist)
Department	
Institution	University of California, San Francisco San Francisco, California
Date Posted	Oct. 25, 2019
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate Director/Manager
Academic Field(s)	Small/Lab Animal Medicine
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Job Description

Gnotobiotic mouse facility manager (research specialist)

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The Baranzini lab is seeking to hire a full-time specialist to provide support for users of a state-of-the-art gnotobiotic mouse facility (using a bio-exclusion caging system). The successful candidate will manage and maintain our specialized gnotobiotic mouse facility at UCSF Mission Bay Campus. The job will involve basic mouse husbandry within gnotobiotic isolators, including monitoring of food, water, and bedding conditions, as well as sterilization and introduction of food, cages, bedding, water, and environmental enrichment as necessary.

The successful candidate will be comfortable handling mice, including restraining animals for collection of fecal pellets to determine germ-free status, as well as tagging animals for identification. Germ-free

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monitoring via basic aerobic and anaerobic culture methods, (automated) DNA extraction, PCR, and agarose gel electrophoresis will also be performed.

Caring for mice in an SPF facility may also be required. Experience with murine gavage is a plus, and the candidate must be comfortable performing mouse health checks and interacting with UCSF veterinary staff as necessary.

Other required duties involve monitoring stocks of consumables and reordering in a timely manner and maintaining detailed records of tasks performed, in addition to other duties as assigned. We are looking for a detail-oriented and self-directed person who has the desire to learn new skill sets and can handle increased responsibilities as the gnotobiotic facilities expand.

Salary will be competitive and based on experience.

Required Qualifications:

Specialists appointed at the Assistant or Associate ranks must possess a master's degree (or equivalent degree) or five to ten years of research experience.

Specialists appointed at the Full rank must possess a terminal degree (or equivalent degree) or ten or more years of research experience.

Applicant's CV must list (pending) qualifications upon application submission.

Required Skill Set

Prior experience with mouse husbandry, including cage changes, mouse identification via ear punch, colony maintenance, breeding, weaning, euthanasia via CO₂ and cervical dislocation

Ability to work independently and plan ahead

Great focus and attention to detail

Ability to interact with researchers for the planning of experiments

Detailed daily notebook recording of tasks performed and tracking of animals in an online database

Applicants must meet all requirements by the time of appointment.

Desired additional skills:

Germ-free monitoring: basic aerobic and anaerobic culture methods, DNA extraction, PCR

Perform mouse health checks and contact/interact with LARC staff and veterinarians as necessary

genotyping (via tailing, digestion, PCR, and agarose gel electrophoresis),

UC San Francisco seeks candidates whose experience, teaching, research, or community service has prepared them to contribute to our commitment to diversity and excellence.

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

University of California, San Francisco

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