

Research Laboratory Assistant

UCSD's Department of Dermatology was founded in January 2015 bringing together a team of 70 faculty members specializing in Adult and Pediatric & Adolescent Dermatology, making us one of the largest Dermatology programs in the nation. Our faculty are experts in their fields and are involved in a wide range of clinical, education and research endeavors. UCSD Dermatology has an extensive basic science and clinical research portfolio that allows for substantial funding support from NIH and extramural sources. Dermatology faculties have rich programs of skin research focused on immunology, microbiology, genetics and cancer. They have funded research programs on: 1) studies on the development of the innate immune system and its interaction with the skin microbiome, 2) trials comparing alternative treatments for management of psoriasis, rosacea and atopic dermatitis biologics, 3) studies of biomarkers for acne and acne rosacea, 4) the study of genetics and epigenetics of human skin development and progression to disease, 5) atopic dermatitis inflammation and antimicrobial peptides and 6) skin cancer development and melanoma acquired drug resistance. Under supervision, the lab assistant will be responsible for assisting in executing biochemical, microbiological, and molecular biology experiments using tissue culture cells, mammalian tissue samples, and on live animals (mice). In addition, the laboratory assistant will be expected to perform general lab tasks, including preparation of reagents/solutions, maintenance of lab equipment, and assurance of lab safety/regulatory compliance.

Minimum Qualifications:

- Graduation from high school or a General Education Diploma and one year of laboratory experience or two years of college including courses in the natural, physical or social sciences; or an equivalent combination of education and experience; and knowledge and abilities essential to the successful performance of the duties assigned to the position.
- Experience doing standard and routine laboratory tasks.
- Demonstrated ability to follow written and verbal protocols, techniques, and instructions.
- Demonstrated organizational skills to order and maintain lab reagents and supplies, and keep accurate lab records and computer files.
- Demonstrated experience making decisions, analyzing situations, problem solving, and initiating action for laboratory maintenance.
- Willingness to learn new theory, techniques, and tasks and share knowledge.
- Skill to accurately organize, store, and retrieve samples, chemicals, and supplies.
- Experience with mammalian cell culture, western blotting, microscopy and cell viability assays.
- Experience presenting research results in lab meeting format.
- Experience writing part or all of submitted or published thesis or research manuscripts.
- Theoretical knowledge of cell/molecular biology, biochemistry and/or other demonstrated equivalent combination of education and experience.
- Willing to work with mice.
- Ability to work on weekends to maintain cell or tissue cultures when necessary.

SPECIAL CONDITIONS Employment is subject to a criminal background check

For more information about the lab please visit our website:

<https://medschool.ucsd.edu/som/dermatology/research/labs/sen-lab/Pages/default.aspx>

For an example of our most recent work please use this link:

<https://www.nature.com/articles/s41467-021-21067-w>