



JOB OPPORTUNITY

Assistant Project Scientist

The University of California (UC), Davis, School of Medicine, Department of Medical Microbiology and Immunology seeks to hire a full-time employee as an Assistant Project Scientist.

This position requires creative contributions to and collaborative development of an active research program investigating topics relevant to the research area of innate and adaptive immune control over agents of chronic infection, especially human immunodeficiency virus, simian immunodeficiency virus, hepatitis C virus, and cytomegalovirus, as well as interactions between these agents.

Basic requirements: PhD in a field related to veterinary sciences, immunology or virology. 4-5 years of research experience with human immunodeficiency virus, simian immunodeficiency virus, hepatitis C virus, wild-type rhesus cytomegalovirus (RhCMV), and RhCMV-based vaccines. 4-5 years of experience in tissue culture work, functional flow cytometry assays for peptide-responsive T cells, tetramer staining including Mamu-E tetramers, evaluation of MHC molecule expression on macaque cells, and evaluation of NK cell-associated molecules in the adaptive immune cells of RhCMV-exposed individuals. Excellent publication record to include at least 15 publications and excellent communication skills.

Preferred requirements: Experience in understanding the effects of the gut microbiota on immune cell development and adaptive immune responses are highly preferred. Strong experience of studying immune control after low-dose mucosal SIV challenge is highly preferred.

Responsibilities include, but are not limited to, developing strategies to test new hypotheses using cell culture models of infection and immune response, as well as molecular biology approaches. The candidate is expected to design specific projects, including the selection of appropriate techniques; supervise students or technicians regarding the technical aspects of the research (i.e., troubleshooting problems, interpreting results and planning follow-up experiments); design and conduct a series of experiments to evaluate the contributions of innate features of adaptive immune responses to SIV and HIV control; publish research in peer-reviewed journals either independently or in collaboration with the PI, or other members of the research team; assist in writing proposals for funding from federal and state agencies and other funding organizations; prepare and assist in the preparation of reports as required by granting agencies and prepare modifications of budgets and other grant components as needed, participate in professional societies and conferences appropriate to his/her research field; serve as a reviewer of research proposals and scientific publications as appropriate; attend seminars to present research results; and may give oral presentations to public and professional interest groups. When appropriate, the candidate may coordinate and/or give presentations at seminars, laboratory meetings or educational functions, engage in public outreach activities that include presenting scientific research results to the general public and providing relevant advice to individuals and public agencies and engage in University service activities such as guest lecturing and committee service. Teaching classroom courses is not an expectation of this position.

Qualified applicants should upload a Cover Letter, CV and names and contact information of three references online at <https://recruit.ucdavis.edu/apply/JPF01873>. For full consideration, applications should be received by November 6, 2017. However, this position will remain open until filled through June 30, 2018.