

Virologist- (Krogan lab, UCSF)

Working with professor Nevan Krogan and Host-Pathogen Lead Scientist and Program Manager Lorena Zuliani-Alvarez at the University of California, San Francisco, you will oversee and coordinate virology focused collaborative research efforts of over 50 scientists across academic institutions, global collaborators, and industry partners.

You will have a track record working on infectious diseases projects and elucidating the mechanism underlying host-pathogens interactions. Your role will include executing and coordinating experiments in a BSL3 lab for different downstream processes, including viral replication assays, drug screening, CRISPR screening, and proteomics. You will provide scientific oversight on different infectious diseases projects including review and advice on study design, modeling, data analysis and validation, and suggesting new approaches. You will track progress toward project goals, facilitate coordination among participating partners, evaluate project data and results, and report project status to leadership. In addition, you will collaborate with other members of the lab to identify new funding opportunities, coordinate submission of new project proposals and prepare manuscripts for publication.

At the Mission Bay campus at the University of California, San Francisco (UCSF), you will join the lab of professor Nevan Krogan (<http://kroganlab.ucsf.edu>). The Krogan lab is a highly dynamic and collaborative laboratory, applying proteomics and functional genomics to unravel the molecular networks underpinning a broad range of complex biological and biomedical problems, including infectious disease. You will be also part of the QBI Coronavirus Research Group Structural Biology Consortium (QCRG), which is a highly productive and exceptionally collaborative group of scientists focusing on gaining molecular details of SARS-CoV-2 infection mechanisms. Since its start last year, the group has already contributed to several high impact publications on the biology of SARS-CoV-2. Our goal is to further our basic understanding of viral processes and provide new avenues for therapeutics.

The ideal candidate should be independent, a self-starter with a can-do attitude and someone who likes to suggest new approaches when needed. Excellent management skills and a strong research record are essential, including evidence of publishing in high impact peer-reviewed journals and experience in writing and submitting proposals for federally sponsored research. Applicants will have strong written, verbal, and presentation skills and an ability to communicate and work in an interdisciplinary team environment. This is not a faculty research position.

Candidate's CV and/or cover letter must state basic qualifications (or if pending) upon submission. Candidates must meet all Required Qualifications by the time of hire.

Required Qualifications:

- A PhD with post-graduate training in virology
- Demonstrated experience as a research project lead
- Experience managing collaborative projects among multiple laboratories
- Experience writing research proposals and manuscripts for publication
- Experience in a viral infection and replication assays in BSL2 facility
- Experience in molecular biology techniques
- Experience with statistical data analysis

Preferred Qualifications:

- Demonstrated high productivity and successful record publishing in high impact journals
- Experience in BSL3 facility
- Experience with the biotech/pharma industry landscape
- A demonstrated track record of effectively using quantitative approaches to biological problems

- Experience teaching, mentoring, and advising students and trainees
- Community outreach, service to your profession, service to your institution

UC San Francisco seeks candidates whose experience, teaching, research, or community service that has prepared them to contribute to our commitment to diversity and excellence. The University of California is an Equal = Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status.

Please apply online at <https://aprecruit.ucsf.edu/JPF03547>, with a CV, cover letter, and two reference contacts.