**­­­­Post-doctoral Research Associate Opportunity**

**Microbiome of Rheumatic Diseases**

The [Nayak Lab](http://nayak.ucsf.edu/) has an opening for a postdoctoral researcher who is interested in advancing our knowledge of the gut microbiome and its impact on rheumatic diseases, such as rheumatoid arthritis. We use multiple state-of-the-art technologies, including bacterial genomics, metabolomics, anaerobic microbiology, bacterial genetics, gnotobiotic animal models, and studies of patient cohorts to elucidate the mechanisms by which gut microbiota impact patient response to treatment of rheumatic disease. A major driving force of the lab is the advancement of precision medicine for patients with rheumatic disease.

We seek highly talented and motivated candidates with strong backgrounds in microbiology, immunology, microbial genomics, computational biology, and/or murine models of inflammatory disease. Candidates will be expected to work independently and be active contributors to the collaborative multidisciplinary team of microbiologists, immunologists, and computational biologists who form the Nayak Lab. The successful candidate will report directly to Dr. Renuka Nayak, MD, PhD but will work closely with collaborators within and outside of the group.

**RESPONSIBILITIES**

Responsible for the design, execution, and interpretation of experiments, preparation of scientific presentations and publications, interactions with collaborators, as well as supervision of technicians or students as needed.

**QUALIFICATIONS**

Candidates who have demonstrated rigorous basic and translational research during their graduate training will be considered.  Significant experience in standard laboratory techniques (such as microbiology, nucleic acid extraction, PCR, flow cytometry, analytical chemistry, mouse studies, etc.) or computational analysis of large datasets is required. The candidate should be highly motivated, dedicated, and a team player.



The Nayak Lab is located at the San Francisco VA Medical Center, perched atop Land’s End and overlooking the San Francisco Bay. We are a part of the University of California, San Francisco (UCSF) Benioff Center for Microbiome Medicine (BCMM), enabling engagement with a rich community of investigators and access to cutting-edge resources for promoting microbiome research.

Candidates interested in this position should send a short (1 page) letter of interest, a curriculum vitae (CV), and a list of three references to Dr. Nayak (renuka.nayak@ucsf.edu). Please include “Nayak\_Lab\_Postdoc” in the email subject heading.