



**FRED HUTCH**  
CURES START HERE

## **Post-Doctoral Fellow – Immunology, Infectious Diseases and Vaccines**

**Cures Start Here.** At Fred Hutchinson Cancer Research Center, home to three Nobel laureates, interdisciplinary teams of world-renowned scientists seek new and innovative ways to prevent, diagnose and treat cancer, HIV/AIDS and other life-threatening diseases. Fred Hutch's pioneering work in bone marrow transplantation led to the development of immunotherapy, which harnesses the power of the immune system to treat cancer. An independent, nonprofit research institute based in Seattle, Fred Hutch houses the nation's first cancer prevention research program, as well as the clinical coordinating center of the Women's Health Initiative and the international headquarters of the HIV Vaccine Trials Network.

The Stamatatos Lab (<https://research.fhcrc.org/stamatatos/en.html>), within the Vaccine and Infectious Disease Division of the Fred Hutchinson Cancer Research Center, investigates B cell responses to infection and vaccination. Structure- and computer modeling-based approaches are employed to design immunogens and to develop immunization regimens to target and expand specific B cell lineages that are associated with protection from viral pathogens. The activation, survival, and maturation of B cell clonal lineages are monitored by employing complementary immunological, molecular, and cellular techniques and the use of next generation sequencing. Our work encompasses the entire space between pre-clinical and clinical evaluation of candidate vaccines.

We seek outstanding Postdoctoral Fellows interested in studying the activation, proliferation and competition of diverse vaccine-specific B cell clonal lineages in the germinal centers and in developing approaches to guide the maturation of lineages that produce protective antibodies. The work includes studies in transgenic animals and humans.

### **Responsibilities**

1. Conceptualize, plan and execute immunization studies in suitable murine models
2. Analyze B and T cell immune responses in animals and humans
3. Demonstrate a thorough understanding of the scientific literature relating to the research topics.
4. Participate in manuscript and grant writing.

### **Qualifications**

A PhD in Immunology is preferred. Strong background in immunology, with emphasis on T and B cell immunity, is essential. Previous work with knock-in or transgenic murine models is highly desirable and expertise in B cell receptor sequence analysis is a plus. Ability to work independently within a very collaborative environment is critical, as are strong written, communication and organizational skills. Salary will be commensurate with appropriate experience.

Applicants should submit: 1) Cover letter discussing your interest in this position; 2) Curriculum Vitae; 3) Statement of research interests and career goals; and 4) Names and contact information of at least three referees, at [reberts@fredhutch.org](mailto:reberts@fredhutch.org).

## **Our Commitment to Diversity**

We are committed to cultivating a workplace in which diverse perspectives and experiences are welcomed and respected. We are proud to be an Equal Opportunity and VEVRAA Employer. We do not discriminate on the basis of race, color, religion, creed, ancestry, national origin, sex, age, disability, marital or veteran status, sexual orientation, gender identity, political ideology, or membership in any other legally protected class. We are an Affirmative Action employer. We encourage individuals with diverse backgrounds to apply and desire priority referrals of protected veterans.

## **Pay, Benefits, & Work Schedule**

Full time position

Salary DOE + excellent benefits