

**Postdoctoral Position – Immunology**  
**Slansky Laboratory**

**OVERVIEW**

One Postdoctoral Fellow position is available in UCD/NJH's Department of Immunology. We are looking for a motivated individual to work in a productive research environment and to contribute to basic studies of the immunology of breast cancer funded by the Department of Defense Congressionally Directed Medical Research Program. Experience in molecular biology is necessary (3 years, preferable). Experience in immunology and bioinformatics is helpful, but not necessary.

The ideal candidate will be a self-starter with a strong work ethic, a love of discovery, highly curious, and capable of generating new ideas. The objective of this project is to combine genomics and immunotherapy to develop a new generation of more powerful therapeutic breast cancer vaccines, which improve the immune system's ability to fight breast cancer. Using innovative research techniques, we will develop vaccines for the major subtypes of the disease so that patients can receive vaccines that are "personalized" to their disease.

**NATURE OF WORK**

This full time Postdoctoral Fellow position focuses on research as the primary duty, not instructional programs. The position is available immediately. The position is not eligible for tenure. An employee in this position can be terminated at any time without notice and severance pay may not be provided.

**SUPERVISION RECEIVED**

The hired Postdoctoral Fellow will report directly to the Principal Investigator.

**DUTIES AND RESPONSIBILITIES**

- Work in a fast-paced, goal-oriented, team environment.
- Design, execute, and trouble-shoot experiments.
- Cell culture, protein production, animal care (mice), molecular biology techniques, immunological assays, generate recombinant proteins, participate in general lab organization and maintenance.
- Produce and screen baculovirus-based peptide libraries.
- Write manuscripts, present results, help with grant applications.
- Fast learning curve for immunology and informatics.

**QUALIFICATIONS**

- Must have a terminal degree.
- Strong technical skills in molecular biology. Demonstrated expertise in the design and implementation of molecular biology-based experiments. Significant interest in immunology and cancer biology.

- Strong academic performance demonstrating a track record in high-quality, innovative research. Excellent oral and written communication skills, and good presentation skills. At least one first-author publication.
- Be collaborative/work well with others.

### **WORKING CONDITIONS**

- The person hired for this position will be provided with the necessary personal protective equipment and will be required to work with baculoviruses, retroviruses, human samples (such as blood, tumors, and lymph nodes), laboratory animals, and standard chemicals used in molecular biology and immunology (such as ethidium bromide, phenol, and polyacrylamide). A laboratory in the vicinity uses attenuated *Listeria monocytogenes* in its research.
- Working evenings, weekends, or holidays may be required.
- Some travel will be required (2-3 one week-long trip/year).

### **SALARY RANGE FOR THIS POSITION**

We offer the NIH salary pay scale and benefits.

### **PLEASE SUBMIT**

- Please apply through Jobs at CU.  
Quick Link: [https://www.jobsatcu.com/applicants/jsp/shared/position/JobDetails\\_css.jsp](https://www.jobsatcu.com/applicants/jsp/shared/position/JobDetails_css.jsp)  
Send a cover letter briefly summarizing your research interests and career goals, CV, and contact information for three references (the references will be contacted prior to interview).  
[The following steps of the interview, for those that qualify, include a telephone interview, a seminar, and a face-to-face interview with the PI, the lab, and other members of the project.]
- UCD/NJH is firmly committed to ensuring a safe, healthy, productive, and efficient work environment for our employees. As part of that commitment, pre-employment background investigations and drug screenings are conducted.
- The University of Colorado and the National Jewish Health are committed to equal opportunity and affirmative action.
- Please contact Jill Slansky by email with questions (Jill.Slansky@UCDenver.edu).