



IDRI offers a competitive salary and generous benefits package. Qualified candidates should forward a resume and cover letter in Word format to: jobs@idri.org.

Reference job #2011-18 in the subject line. No phone calls, please.

IDRI is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status. Visit www.idri.org to learn more about IDRI.

Postdoctoral Scientist - Immunology

Job #2011-18

The Infectious Disease Research Institute (IDRI) is a non-profit organization based in Seattle, Washington and is committed to developing vaccines and diagnostic tools for use in the developing world. A fully supported postdoctoral position is available in the Immunology Group for studies involved in our TB and Influenza Programs. The successful candidate will be engaged in characterizing immune responses following vaccination and assessing efficacy in TB challenge models. Previous experience in animal models and immunological assays is a must. Excellent organizational and communication skills are required.

Qualifications:

- A PhD with related laboratory experience in Immunology, Pathobiology, Microbiology or similar field
- A strong track record of publication
- Experience in microbiology and/or infectious diseases
- Experience and skills in preclinical immunology assays
- Experience working with small animal models for immunology and/or pathobiology, including mice, guinea pigs and/or ferrets
- Experience working under Biosafety Level 2 or 3 (BL2/BL3) conditions
- Willingness and ability to work under BL3 conditions with appropriate training
- Excellent oral and written communication skills in English
- Must be self-motivated, organized and be able to work within a team

Primary Responsibilities:

- Design and execute research projects that further the understanding and development of effective vaccines
- Acquire and analyze data
- Prepare manuscripts for publication in peer reviewed journals
- Record procedures, outcomes and observations in lab notebook following established guidelines
- Present research at internal/external scientific meetings
- Participate in grant writing
- Communicate with research management on a regular basis
- Supervision of research assistant(s) and/or associate(s)

Knowledge, Skills and Abilities:

- Expertise with one or more of the following areas: innate immune receptors, B cell effector or memory functions, T cell effector or memory functions, regulatory T cells, immune responses to bacterial and/or viral infection, immune signaling
- Familiarity with current immunological or microbiological assays such as: Flow cytometry, ELISpots, Luminex, antibody neutralization, ELISA, microarray analysis, immune cell signaling, histology, and pathogen culture and quantification
- Proficiency with appropriate usage of biostatistical methods for data analysis
- Familiarity with data analysis and graphing software such as FLOWJo, Prism, and/or Jump
- Ability to maintain confidentiality of sensitive information
- Ability to work with co-workers and outside agencies professionally and tactfully
- Possess a work ethic that includes neatness, punctuality, and accuracy