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**Reference job #2012-04 in the subject line. No phone calls, please.**

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## Research Associate

Job #2012-04

The Infectious Disease Research Institute (IDRI) is a non-profit organization based in Seattle, Washington, committed to developing vaccines, diagnostic tools, and therapeutics for use in the developing world. IDRI is currently seeking a motivated scientific professional to join our immunology group, with a particular focus on preclinical studies related to infectious disease models and vaccine adjuvants.

### Essential Qualifications:

- A BS/BA, or equivalent in a scientific discipline and a minimum of 3-5 years of related laboratory experience in immunology or Masters level with 2-3 years of related laboratory experience
- Experience and skills with tissue culture, in vivo models and/or cellular immunology
- Experience working under Biosafety Level 2 and/or Biosafety Level 3 conditions
- Willingness and ability to work in BSL3 conditions with *Mycobacterium tuberculosis*
- Proficiency in MS Office and scientific data/graphics programs
- Must be self-motivated, organized and be able to work on teams
- Working knowledge of flow cytometry and experience using an LSRII is a plus
- Work with animal models, including mice and guinea pigs are a plus

### Primary responsibilities:

- Immunizations, tissue collection, monitoring temperatures, weights in mice/guinea pigs
- Preparation of blood and tissues for ex vivo assays under BSL2/BSL3 conditions
- Perform tissue culture, ELISPOTS, ELISA and other immunological assays
- Preparation, acquisition and analysis of flow cytometry data
- Utilize established mathematical programs and scientific techniques to compile and analyze data
- Responsible for performing research for scientific projects, in collaboration with others
- Records procedures, outcomes and observations in lab notebook following established guidelines
- Presents research at group meetings
- Communicate with research management on a regular basis

### Knowledge, Skills, and Abilities:

- Work in a team under general supervision
- Familiarity with standard concepts, practices, and procedures involved within the immunology field
- Able to use limited experience and judgment to plan and accomplish goals
- Able to perform multiple scientific protocols and procedures under direction
- Good written and oral communication skills; ability to communicate effectively
- Ability to work accurately with close attention to detail
- 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