Ragon Institute of MGH, MIT and Harvard

JOB DESCRIPTION

Job Title: Research Fellow – Mucosal Immunology, HIV and the Microbiome
Job Code:
Salary Plan: EXEMPT
Lab: Kwon
Direct Supervisor: Kwon, Douglas

Employing Hospital and Department:
Ragon Institute of MGH, MIT, and Harvard

Minimum degree and field of knowledge: PhD and/or MD with experience in immunology
Years experience required: At least 3 years of doctoral research experience

Summary:
The Kwon Laboratory (www.kwonlab.org) at the Ragon Institute of MGH, MIT and Harvard at the Massachusetts General Hospital in Boston has an opening for a highly motivated postdoctoral fellow to study alterations in the microbiome that occur with HIV infection, following up on recent studies published by our group in Immunity, The Lancet Infectious Diseases, and Cell Host and Microbe (see further details here). This includes examination of the role of the microbiome in the female genital tract and gut and the impact of these changes on host mucosal immunity. The person hired will work under the supervision of Dr. Kwon conducting patient-oriented translational research involving transcriptional and immunologic profiling of mucosal immune populations and the microbiome with the aim of generating new approaches to treat and prevent HIV infection using samples from well characterized cohorts in the U.S. and sub-Saharan Africa. The position will also involve the use of novel in vivo model system, such as germ free and humanized mice.

Candidates will have ample opportunities to acquire and develop new skills, work closely with the PI and collaborators, and communicate results to the scientific community through conference presentations and peer-reviewed publications while working in a supportive, highly collaborative, and energetic environment. State-of-the-art facilities are available within an exceptional research setting.

Job Duties:
Under the direction of the principal investigator, the applicant will independently carry out activities performing laboratory research. Duties include:

- Guide research projects through experimental design, conduct of experiments, and analysis of data
- Maintain detailed documentation of the experimental work
- Present data within and outside of the laboratory group at meetings and symposia
- Work closely within the group and with outside collaborators
- Mentor students and technicians

- Maintain close communications with the PI regarding progress
- Write, edit, and submit manuscripts/abstracts detailing the results of the project
- Demonstrate integrity, excellence, accountability and teamwork in all interactions

Qualifications:

- ***A Ph.D. and/or M.D. with relevant experience in immunology preferred***
- Experience with flow cytometry, cell culture, and murine models preferred
- Highly motivated and independent, with the ability to work in a dynamic team environment
- Exceptional organizational skills and excellent attention to detail
- Strong oral and written communications skills
- Must have good interpersonal skills
- Occasional weekend or evening flexibility

Application information: The position is open immediately although the start date is flexible. Please submit a cover letter, CV, and references to Dr. Doug Kwon at dkwon@mgh.harvard.edu. Unfortunately, due to the number of applications we receive, we may not be able to reply individually to all inquiries. ***All applicants, including those from abroad, must be able to come to Cambridge, MA USA for an in person interview.***

The above job description details the major duties and qualifications of the listed position. The employee hired to this position confirms that he/she is able to perform all duties outlined. Although the specific duties and responsibilities of this position may vary slightly, the supervisor of this position will ensure that the employee hired to this position is trained and qualified to complete each task assigned. If the duties or responsibilities of this position need to change significantly, then the supervisor must submit an updated job description to the Office Manager for review.

Approved by (Print Name) **Signature** **Date**

Supervisor (Print Name) **Signature**
Date

New Hire Employee (Print Name) **Signature** **Date**