

Postdoctoral position in pathogen protein degradation and immunity Ragon Institute of MGH, MIT and Harvard in Cambridge, MA

Job Description:

A NIH-funded postdoctoral position is currently available in the laboratory of Dr Sylvie Le Gall at the Ragon Institute of MGH, MIT and Harvard in Boston. The group is interested in deciphering the mechanisms of protein degradation during virus or bacteria infections, exploring links between pathogen degradation and immunity, and assessing the contribution of antigen processing efficiency to immune control or escape. All projects combine multiple approaches to assess protein degradation and epitope presentation, including cell biology, biochemistry, virology, proteomics, peptidomics, and immune assays. The projects utilize primary human cell models and clinical samples.

The group is part of a team-oriented Institute aiming at understanding correlates of immune protection in HIV, Mycobacterium Tuberculosis and other human disease through multi-disciplinary approaches.

<http://ragoninstitute.org/portfolio-item/le-gall-lab/>

Requirements:

- Ph.D. in immunology, cell biology, biochemistry or virology
- 0-2 years after Ph.D. graduation
- Solid technical experience in protein biochemistry and/or cell biology and/or immunology and/or proteomics
- Good record of publications in peer-reviewed English journals
- Excellent written and oral communication skills in English
- Excellent organization, writing and data analysis skills
- Able to write precise lab reports and drafts of manuscripts or reviews
- Integrate his/her expertise into the projects and utilize specialized knowledge and in-house assays as well as the various state-of-the art technological platforms of the Ragon Institute
- Highly motivated, well organized, team-oriented

The position will be filled one to three months after a suitable candidate is identified and accepts the opportunity. Salary will be commensurate with experience in accordance with the NIH scale.

Qualified candidates should send an application including a cover letter describing their research experience, scientific interests, and motivation to join the group, a C.V., and contact information for three references.

Send applications to sylvie_legall@hms.harvard.edu

Master or Ph.D. candidates enrolled in relevant programs and interested in our research topics can also submit their applications.