



Weill Cornell Medicine
Jill Roberts Institute for Research
in Inflammatory Bowel Disease

Jill Roberts Institute for Research in Inflammatory Bowel Disease
Weill Cornell Medicine
Cornell University
Joan and Sanford I. Weill Department of Medicine
Department of Microbiology and Immunology

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Post-doctoral positions in immunology
Weill Cornell Medicine
Jill Roberts Institute for Research in IBD
Department of Microbiology and Immunology
New York, New York

Post-doctoral positions are available in the laboratory of Dr. Julie Magarian Blander at Weill Cornell Medicine. Our laboratory is located in the Jill Roberts Institute for Research in Inflammatory Bowel Disease housed in the new Belfer Research Building. We study diverse aspects of the innate immune response in the context of infection, cell death, and cellular transformation. We use mouse models and work on both murine and human cells to understand the nature of these responses at the cellular and organismal level with a special focus on mucosal immunity in the intestine. Please refer to our recent papers in *Nature*, *Nature Immunology*, *Cell* and *Science Translational Medicine*. Projects include: Immune consequences of cell death, Regulation of cross-presentation by Toll-like receptors, Macrophage function in pre-malignancy, Innate detection of vita-PAMPs and microbial viability in infection and vaccination.

Please refer to our published work for more:

<http://www.nature.com/nature/journal/vaop/ncurrent/full/nature20138.html>

<http://www.nature.com/ni/journal/v17/n9/full/ni.3512.html>

<http://www.sciencedirect.com/science/article/pii/S0092867414008010>

<http://www.nature.com/nature/journal/v474/n7351/full/nature10072.html>

<http://stm.sciencemag.org/content/4/120/120ra16.long>

A PhD or equivalent in Immunology, Microbiology, Cell Biology, Cancer Biology or related field is required. Relevant backgrounds include myeloid cell biology, host-pathogen interactions, innate immunity, cell death, tumor immunology or *in vivo* analysis of immune response. Technical expertise in two or more of the following is highly desirable: multi-parameter flow cytometry, protein and/or nucleic acid biochemistry, genetic modifications of cells, mouse genetics, CRISPR/Cas-mediated genome engineering, epigenetics analysis, or confocal/high resolution fluorescence microscopy.

If you are interested, please send a cover letter describing your research background, interests and career goals, as well as the names and addresses of three references and a CV to Dr. J. Magarian Blander (jmblander@med.cornell.edu).