



# Perelman

## School of Medicine

UNIVERSITY of PENNSYLVANIA

Institute for Immunology  
Department of Pathology and Laboratory Medicine  
The Children's Hospital of Philadelphia  
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### **Postdoctoral Research Associate in the Henao-Mejia Lab at the Institute for Immunology - University of Pennsylvania.**

The Henao-Mejia Lab in the **Institute for Immunology at the University of Pennsylvania in Philadelphia, PA** seeks to recruit outstanding applicants for a postdoctoral associate position. Our research focuses on understanding the mechanisms of transcriptional and post-transcriptional regulation of gene expression in the context of inflammation. In particular, we study how specific regions of the non-coding genome influence the development, education and function of the immune system in response to environmental or tissue-derived cues. For further reference, please refer to recent publications from the Henao-Mejia lab<sup>1-3</sup>.

- 1 Kotzin, J. J. *et al.* The long non-coding RNA Morrbid regulates Bim and short-lived myeloid cell lifespan. *Nature* **537**, 239-243, (2016).
- 2 Mowel, W. K. *et al.* Group 1 Innate Lymphoid Cell Lineage Identity Is Determined by a cis-Regulatory Element Marked by a Long Non-coding RNA. *Immunity* **47**, 435-449 (2017).
- 3 Virtue, A. T. *et al.* The gut microbiota regulates white adipose tissue inflammation and obesity via a family of microRNAs. *Sci Transl Med* **11**, doi:10.1126/scitranslmed.aav1892 (2019).

The Institute for Immunology (IFI) is strategically located in the campus of the University of Pennsylvania and The Children's Hospital of Philadelphia. The IFI is comprised of a vibrant community of immunology laboratories studying diverse areas including cancer immunology, host-pathogen interactions, or immunometabolism. This offers our scientists the opportunity to directly impact the lives of people suffering from highly prevalent pathologies.

Highly motivated applicants with good organizational and analytical skills are encouraged to apply. A recent, or anticipated, PhD in Immunology or a related field (such as host-microbe interactions) is required as well as previous work with animal models. Experience/skills in immunology, molecular biology and/or bioinformatics-based analysis of epigenetic/transcriptomic datasets are preferable. As a member of our group you will also participate in weekly lab meetings, journal clubs, and research in progress meetings with different communities across our campus.

Candidates should send inquiries, including a C.V., to [jhena@penmedicine.upenn.edu](mailto:jhena@penmedicine.upenn.edu)