

FOX CHASE

CANCER CENTER

A **POSTDOCTORAL POSITION** is available immediately in the lab of Dave Wiest at Fox Chase Cancer Center in a safe suburban area on the outskirts of Philadelphia. My lab has a longstanding history of investigation into the molecular mechanisms controlling lymphoid development and transformation. We have the following exciting projects available:

1. Analysis of the molecular control of T cell lineage commitment and effector fate using both genomic and proteomic approaches (*Immunity 14*)
2. Investigation of the regulatory functions of ribosomal proteins in controlling hematopoietic development and transformation, with a particular focus on alterations in cell metabolism; (*Dev Cell 13; Cancer Research 16; Cell Reports 17*)
3. Elucidation of the molecular basis for human immunodeficiency using zebrafish as a model. (*J. Exp. Med. 16; NEJM 16*)

In pursuing these projects, we integrate mouse and zebrafish models with human data and samples and exploit genomic and proteomic approaches as well as genome editing. Opportunities are available to learn not only how to perform wet “omic” analysis, but also how to perform the bioinformatic analysis necessary to maximally benefit from these approaches. Experience with mouse models and/or zebrafish is advantageous. Fox Chase is located in a safe suburban neighborhood with easy access to the city. More information about my research can be found at: <https://www.foxchase.org/david-wiest>. Please send CV and 3 references to Dave Wiest at: David.Wiest@FCCC.edu