The obesity pandemic has reached alarming magnitudes with 1/3rd of the global population characterized as overweight or obese. Obesity is a pro-inflammatory disease state that places a massive pressure on the immune system, and predisposes to the development of severe allergic and autoinflammation.

The Hill Lab, a leader in the fields of allergy and obesity immune research, is seeking a highly-motivated and self-sufficient post-doctoral fellow to study the immune interface between these two important and prevalent conditions. Candidates should possess or soon possess a terminal degree (PhD, MD, DVM, etc.) and have experience in experimental immunology, cell and molecular biology, and related fields. Experience with development and analysis of large genomic data sets (RNA-seq, CHiP-seq, ATAC-seq etc.) is also favored. The individual will work under the direction/guidance of Dr. Hill, and assume responsibility for a specific, ongoing research project focused on the effects of obesity/metabolic dysregulation on allergic inflammation. The position will involve the use of both mouse models and analysis of human samples.

The position will serve to extend, refine, and enhance skills necessary for professional and career development, and enable the individual to broaden their scientific background. The individual filling this position will have opportunities to work on/lead disease discovery projects, supervise junior lab members, and develop new methods and protocols for novel research projects in the lab.

The offered position is funded for approximately five years. For productive individuals, there will be opportunities to present scientific data at local, national, and international meetings. Salary is competitive, and will depend upon qualifications and previous training. A spring 2020 start date is preferred.

About the lab: The Hill Lab is located in a highly academic environment on the 12th floor of the Abramson Research Center of the Children’s Hospital of Philadelphia (CHOP) Research Institute. The Institute is one of the largest and most prestigious pediatric research programs in the USA, with 425 investigators working in 700,000 square feet across three buildings. The Institute includes dedicated core facilities, including a state of the art Flow Cytometry Core. CHOP is situated within the University of Pennsylvania campus, and is home to the Pediatric Faculty of the Perelman School of Medicine, an Ivy League medical school. This environment is ideal for the conduct of interdisciplinary and innovative research.

About the region: Philadelphia, the 6th most-populous U.S. city, provides a dynamic cultural environment and numerous forms of entertainment. Philadelphia is easy to access through its large international airport. New York City and Washington D.C. are only 90 minutes away by train.

Interested candidates should email the following to HillLab@email.chop.edu:

- A cover letter with a description of achievements and of how this position fits your goals
- A CV with complete list of publications
- The contact info for three references