Post-Doctoral Research Position – The Hill Laboratory

Study the effects of diet and metabolism on immune function at one of the best employers in the country! The laboratory of Dr. David Hill at the Children’s Hospital of Philadelphia and University of Pennsylvania has an NIH R01-funded post-doctoral position open for an experienced, high-caliber candidate. This individual will work under the direction/guidance of Dr. Hill and assume primary responsibility for a specific research project focused on the effects of obesity and lipid metabolism on lung immune cell function. The position will serve to extend, refine, and enhance skills necessary for professional and career development, and enable the individual to broaden their scientific and experimental background.

The offered position is funded for approximately five years. Salary is competitive and will depend upon qualifications and previous training. A start date of summer 2023 is preferred.

Responsibilities:
- Lead a mechanistic immunology project(s)
- Develop new methods and experimental protocols
- Participate in project planning, recording, and data evaluation
- Mentor junior lab members
- Acquire technical and grant writing skills
- Assist with other research projects, when needed
- Participate in seminars, lectures, poster sessions, and presentations at national meetings
- Submit findings in peer-review journals and author reviews

Minimum Qualifications:
- Possess or soon-to-possess a PhD in related field of study
- Experience in experimental immunology, cell and organismal metabolism, and related fields preferred, but will consider candidates with exceptional research experience and productivity in a related field
- Experience with development and analysis of ‘omic data sets is preferred
- Experience working with mouse models preferred

Housed within the Division of Allergy and Immunology at the Children’s Hospital of Philadelphia, the Hill Lab is an international leader in pediatric allergy and obesity research. We perform cutting edge studies using patient samples and animal models that advance our understanding and treatment of these highly prevalent diseases. The Hill Lab is committed to fostering an inclusive and diverse research environment. We are looking for a passionate and dedicated individual to advance our research program and mission.

To learn more about the Hill Lab, visit our website.

To learn more about this opportunity and/or apply, visit the job description here.

If you have questions after reviewing the job description, please email Nicole Caccavo hilllab@chop.edu