



**COLUMBIA UNIVERSITY
IRVING MEDICAL CENTER**

Title: Postdoctoral fellow in the Mace Lab at Columbia University Irving Medical Center

Position Summary: The goal of this project is to define the requirement for the eukaryotic DNA helicase in human natural killer (NK) cell development. This project arises from the study of human NK cell deficiency, and we have extensive experience in the use of primary human cells to model and manipulate human NK cell development in vitro. Positions are currently open on an NIH-funded project with the aim of understanding why mutations in the eukaryotic DNA helicase lead to isolated human NK cell deficiency and extreme susceptibility to viral infection and malignancy.

What we offer:

- A supportive environment with the opportunity for intellectual and professional growth
- Opportunities to gain experience in cutting edge genetic and cell biological techniques, including in vitro modeling of human immune cell differentiation
- Excellent environment and resources at Columbia University in New York NY
- Fully funded position (renewed annually for up to 5 years)

What we seek:

- Collaborative, ambitious individuals with a strong interest in our research and environment
- Ability to work independently to develop research projects and mentor others
- Fearlessness in the design and implementation of new techniques and approaches to model human immune cell function
- Strong verbal and written communication skills
- Experience with human immune cells an asset

Application Materials

- CV
- Cover letter including a paragraph describing how your research interests fit with the job described
- Contact information for 3 references
- Email to: em3375@cumc.columbia.edu

CUIMC is an equal opportunity employer and we are proud to promote and cultivate diversity in science.