



**COLUMBIA UNIVERSITY  
IRVING MEDICAL CENTER**

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

**Position Summary:** we study the cell biology of human immune cells using biochemistry, biophysics and multiscale, multidimensional quantitative imaging and analyses. Our overarching goal is to dissect the contact-dependent mechanisms that drive the maturation of human natural killer (NK) cells and the role that cell migration plays in these processes. 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 defining the requirement for cell migration and NK-stromal cell interactions in human NK cell development.

**What we offer:**

- A supportive environment with the opportunity for intellectual and professional growth
- Opportunities to gain experience in cutting edge cell biological and biophysical techniques, particularly high- and super-resolution microscopy and image analysis
- 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
- Computational background is 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](mailto:em3375@cumc.columbia.edu)

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