

Postdoctoral Research Associate – Mehta lab

A fulltime postdoctoral position is available for a highly motivated postdoctoral scholar interested in lung endothelial and immune cell regulation in the laboratory of Dr. Dolly Mehta in the Department of Pharmacology and Regenerative Medicine at the University of Illinois. A qualified candidate for this position is expected to have a strong publication record and excellent references from PhD or postdoctoral research mentors. A notable feature of this postdoctoral fellowship will be experience in combining state-of-the-art genetic and molecular methods (including multi-OMICS) with sophisticated physiologic techniques to address fundamental mechanisms of lung vascular homeostasis using genetically modified mouse models and human endothelial and blood cells. Proficiency in physiology and experience with genetics, genomics and molecular biology is highly desired. The projects involve transcriptional and epigenetic regulation of lung cells by calcium channels, G-protein coupled receptors and matrisomes. The successful applicant can be expected to use sophisticated tools in physiological genomics utilizing cell and primary culture, and organ and whole mouse physiology. They will work among a multidisciplinary team with a diversity of interests, ideas, and experiences.

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The university provides accommodations to applicants and employees. [Request an Accommodation](#)

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