

Research Associate position

Description: Cell Biologist Position is available in the Department of Medicine at the University of Chicago. We are seeking highly motivated scientists interested in basic and translational research. Our projects address novel mechanisms involved in control of small GTPase activity, regulation of endothelial cell adhesions and lung vascular permeability under physiological and pathological conditions. There is particular interest in identification of novel protein targets and understanding molecular mechanisms of protein-protein interactions that are related to endothelial cytoskeletal remodeling and regulation of cellular contacts.

Required skills and experience: Candidates must have extensive expertise in the area of signal transduction, cytoskeleton and cell adhesion regulation. Experience in endothelial cell biology, DNA and siRNA transfections, functional cell-based assays (such as permeability, adhesion, migration, tube formation), immunofluorescence, pull-down assays is essential. Experience in confocal and live microscopy, viral transfections, and transfections with shRNA and miRNA is preferred.

This position requires a Ph.D. degree in cell biology, cell physiology, or biochemistry. The University of Chicago is an Affirmative Action/Equal Opportunity Employer.

Interested individuals should send curriculum vitae and a list of at least three references to: Konstantin Birukov, MD, PhD, The University of Chicago, 929 E. 57th Street, GCIS Bldg, Office W412, Chicago, IL 60637. E-mail: kbirukov@medicine.bsd.uchicago.edu