A Postdoctoral Research Fellow position is available in the Tufts Medical Center Molecular Cardiology Research Institute, in the Kapur laboratory. The Kapur laboratory studies cardiac and renal remodeling in the setting of heart failure and acute myocardial infarction. The lab combines transgenic and surgical mouse models with molecular approaches to study extracellular matrix synthesis, angiogenesis, mitochondrial function and cardiomyocyte hypertrophy. The laboratory further studies the impact of mechanical circulatory support pumps in these conditions on cardiac, renal and vascular physiology and biology.

A highly motivated Postdoctoral Research Fellow is sought, ideally with prior experience and/or a willingness to learn to perform in vivo cardiac and renal function studies in small and large animal models. An ideal candidate is creative, dedicated, enjoys scientific discovery, and is able to work independently in a collaborative lab environment. The successful applicant will be expected to participate in all aspects of the research project, including experimental design, data collection and analysis, preparation of graphs and figures, and preparation of manuscripts; the fellow will work closely with the Principal Investigator to address clinically relevant questions in cardiac biology. Prior achievement as demonstrated by publications/presentations is required and evidence for motivation and independence will be considered. Willingness to apply for additional fellowship grants is required.

Candidates will hold a MD and/or PhD in cardiovascular and/or renal physiology, molecular biology or a related discipline, outstanding writing and communications skills, and have a commitment to a career in cardiovascular science. Please send cover letter, CV, and list of at least 3 references by email to mcri@tuftsmedicalcenter.org.

It is the policy of Tufts Medical Center, consistent with federal and state law, to provide equal opportunity to all applicants for employment and all employees with respect to the administration of personnel policies and practices, including recruitment, hiring, training, promotion, transfer, compensation, benefits, disciplinary action, layoff, termination and other terms and conditions of employment, without regard to an individual’s actual or perceived race, color, religion, sex, pregnancy, sexual orientation, gender identity or gender expression, national origin, age, disability, veteran status, marital status, genetic traits and any other classification protected by law; and ensure that all employment decisions are based on valid job requirements.

websites:  http://mcri.tuftsmedicalcenter.org/
           https://www.tuftsmedicalcenter.org/PhysicianDirectory/Navin-Kapur