

## **Postdoctoral positions in Cardiovascular Research ( University of Chicago)**

### **Job Description**

NIH-funded postdoctoral research associated positions are available immediately to join a cardiovascular research lab (Dr. Wu lab) in the division of Cardiology, Department of Medicine. The University of Chicago. Compensation is at the NIH scale.

Dr. Rongxue Wu's research lab focuses on the role and mechanism of microvascular function in heart diseases. The research investigations include endothelial cell-cardiomyocyte crosstalk in Heart failure and diabetic cardiomyopathy and endothelial glucose metabolism in heart failure.

Quilted applicants are expected to have a recent Ph.D. degree in biomedical sciences or MD Ph.D. with relevant experience. Research experience in cardiac vascular biology is a plus but not necessary. The Postdoctoral Research fellow should be a highly motivated individual who is well-trained in the following research are preferred:

- 1) Vascular molecular biology, cell metabolism, and biochemistry.
- 2) Mechanistic regulation of metabolic pathways involving endothelial barrier function and mitochondrial function;
- 3) Cardiac injury and remodeling in response to different insults, including ischemia-reperfusion injury.
- 4) Studies of sepsis-induced organ dysfunction, including heart and lung.
- 5) Role of extracellular matrix (ECM) in hypertrophy and diabetic cardiomyopathy.

**Benefit Eligibility:** Yes. Have access to the generous UC retirement benefits package.

Applicants should send a CV and the names/contact information of three references to Dr. Wu via email: [rwu3@uchicago.edu](mailto:rwu3@uchicago.edu).