

A full-time Researcher 1 position

Lillehei Heart Institute, Department of Medicine, University of Minnesota,
Minneapolis MN

Description

A full-time Researcher 1 position is available in the laboratory of Dr. Bong Sook Jhun at the Lillehei Heart Institute (LHI) in the Department of Medicine, University of Minnesota (UMN), Minneapolis, MN (<https://www.heart.umn.edu/>). The interdisciplinary LHI is home to scientists, physician-scientists and students investigating molecular mechanisms of cardiac disease, with focal areas in cardiac regenerative medicine, cardiac hypertrophy and failure, ischemia/reperfusion, arrhythmia and sudden cardiac death.

Jhun lab is seeking a highly self-motivated individual for a Research Assistant position to join her group of researchers studying the roles of mitochondrial fission/fusion and calcium dynamics in the healthy and diseased heart using isolated cardiac mitochondria, primary cells, tissues, and *in vivo* animal models.

Additional information for PI is available at:

<https://www.dom.umn.edu/bio/dom-a-z/bong%20sook-jhun>

<https://experts.umn.edu/en/persons/bong-sook-jhun>

<https://www.ncbi.nlm.nih.gov/myncbi/browse/collection/53009087/?sort=date&direction=descending>

Requirements

Candidates should have a BS/BA or a combination of related education and work experience to equal four years in biological sciences or a related field. It is preferred that the applicants have experience in molecular/cell biological methods and/or *in vivo* cardiovascular disease models. Additional qualifications include excellent interpersonal and communication skills. The salary will be based on years of experience and UMN guidelines.

Job Duties/Responsibilities:

25% Generating rat models of cardiovascular diseases and performing BSL-1 and BSL-2 research using these animals.

20% Managing transgenic mouse colony, genotyping, and performing BSL-1 and BSL-2 research related to cardiovascular diseases.

20% Working with lab staff on research involving molecular/cell biology techniques.

20% Assisting with product ordering, lab organization, updating lab protocols, and assistance with regulatory inspection compliance.

15% Attending weekly laboratory meetings and meeting with Principle Investigators to discuss progress and to develop work-plans. Practice safe work habits at all times, be knowledgeable about and adhere to university policies and procedures and complete required training as necessary.

Interested applicants should apply online via the Employment System at the University of Minnesota by following the steps below:

- 1- Go to UMN Employment website: <https://humanresources.umn.edu/jobs>
- 2- Click the link shown as "External Applicants"
- 3- Search the Job with ID # 328478
- 4- Apply for the Job

Review of applications will commence immediately, and will continue until the position is filled. University of Minnesota is an equal opportunity and affirmative action employer.