



NATIONAL INSTITUTES OF HEALTH | U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

## CARDIOVASCULAR PHYSIOLOGY & PHARMACOLOGY

NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM, BETHESDA, MD AND SURROUNDING AREA

### Position Description:

A Postdoctoral fellow position is available in the Laboratory of Cardiovascular Physiology and Tissue Injury (LCPTI), National Institute on Alcohol Abuse and Alcoholism (NIAAA). The LCPTI focuses on understanding the cellular and molecular mechanisms involved in the development of cardiovascular dysfunction associated with chronic liver disease and alcohol consumption, and identification of novel therapeutic targets to counteract these pathologies (Nat Rev Cardiol. 2021 Feb;18(2):117-135; JACC Basic Transl Sci. 2019 Sep 23;4(5):625-637; Hepatology. 2020 Apr;71(4):1391-1407)

The candidate will work on scientific projects exploring the molecular mechanisms involved in the development of cardiac dysfunction of various etiology (e.g induced by chronic liver disease and excessive alcohol consumption), developing new animal models of cardiomyopathies, and in testing novel therapeutic agents in these disorders.

NIH has excellent training opportunities in a highly supportive and collaborative environment.

### Qualifications:

We are seeking highly motivated and collaborative individuals with demonstrated productivity. Applicants must hold an M.D. or Ph. D or both with 0 to 5 years of postdoctoral experience after the last degree.

Strong background in cardiac physiology, echocardiography, and invasive cardiovascular measurements in mice/rats, and in small animal surgery is required. Experience in molecular biology techniques, liver biology, immunology, lipid metabolism would be of added benefit.

The position is open to both U.S. non-U.S. citizens, and fully supported by NIH intramural funds. The qualified candidates should have good oral and written communication skills. Successful candidates will be offered a stipend commensurate with experience as well as health insurance, as per NIH regulations.

### To Apply:

Candidates should submit by e-mail a current CV with emphasis of research background and skills, a statement of career goals, and contract information of 3 references to: [pacher@nih.gov](mailto:pacher@nih.gov)

The NIH and HHS are dedicated to building a diverse community in their training and employment programs.

