

Cardiovascular Postdoctoral Research Scientist: Greater New York Metro Area

The Del Re Lab at Rutgers New Jersey Medical School, Cardiovascular Research Institute and Department of Cell Biology and Molecular Medicine, seeks an outstanding, highly motivated, postdoctoral scientist to study the molecular pathophysiology of heart failure. The lab investigates signaling pathways important in cardiac cell growth and death in the setting of myocardial infarction. Our group focuses on the role of the Hippo signaling cascade in modulating cell processes involved in heart injury and regeneration. We utilize a multidisciplinary approach, integrating physiology, molecular and cellular biology, genetics, genomics and proteomics.

Primary responsibilities of the postdoctoral research scientist will involve the design, execution, and analysis of in vitro and in vivo studies of myocardial signaling in heart failure. This includes working with primary isolated cardiac myocytes, cell/tissue culture, and transgenic and surgical mouse models of heart failure; molecular biology techniques and AAV-mediated gene transfer; conducting immunofluorescence microscopy. Other responsibilities include: preparing manuscripts, grant proposals, and scientific meeting presentations; participating in weekly lab meeting and monthly research seminars; and supervising research trainees. The candidate must be able to work independently as well as collaboratively.

Candidates must have a PhD in Molecular Biology, Cellular & Molecular Physiology, Pharmacology, or an equivalent field. The successful applicant will have expertise and experimental background in myocyte biology, molecular genetics, and transgenic and surgical mouse models of heart failure. Expertise in cardiovascular physiology, cardiac myocyte cell culture and willingness to work with mice are required. The applicant should be collaborative and highly motivated, with strong organizational and communication skills.

Compensation will be commensurate with qualifications and in accordance with University and NIH guidelines.

Applicants should email a personal research statement, CV, and contact information for 3 references to delredo@njms.rutgers.edu .