



David Geffen
School of Medicine

NIH-funded postdoctoral positions are available immediately to join a productive cardiovascular and respiratory research team in the Division of Molecular Medicine, Department of Anesthesiology, and Division of Cardiology, Department of Medicine, University of California Los Angeles.

Lab website <https://labs.dgsom.ucla.edu/cai/pages/publications>

A PhD in biomedical sciences or related disciplines is required. Previous training and experiences in the following research areas are preferred:

1. Mechanistic studies of vascular injury, repair, and regeneration focusing on vascular inflammation and remodeling; experiences in hypertension and pulmonary hypertension, diabetic vascular complications, aortic aneurysms and aortic dissections.
2. Mechanistic regulation of metabolic pathways involving adipogenesis, mitochondrial function, and skeletal muscle function; experiences in exercise physiology; mechanistic studies of obesity and metabolic syndrome.
3. Mechanistic studies of ion channel regulations and other pathways of arrhythmogenesis using animal models and in vitro techniques.
4. Mechanistic studies of cardiac injury and remodeling in response to various insults including ischemia reperfusion injury (I/R); proficiency in ex vivo and in vivo I/R models in mice.
5. Mechanistic studies of vascular progenitor cells (circulating, residential or BM-derived) of different sources and applications.
6. Mechanistic studies of sepsis and related organ injuries including heart and lung.

Please send CV and contact information of three references to Dr. Hua Linda Cai at hcai@mednet.ucla.edu

UCLA is an equal opportunity employer.