A postdoctoral position is available in the Gustafsson lab at UC San Diego. The Skaggs School of Pharmacy and Pharmaceutical Sciences and the Department of Pharmacology at UC San Diego are renowned for their strengths in elucidating basic cellular and molecular mechanisms of signal transduction that lead to drug target identification and ultimately to drug discovery.

The Gustafsson lab is broadly interested in understanding the molecular mechanisms underlying development of heart failure. The occurrence of cardiovascular disease and heart failure development increases with advancing age due to intrinsic alterations in aging myocytes. Our research is focused on investigating how changes in mitochondrial function and autophagy contribute to development of heart failure in response to pathophysiological challenge and aging. Our long term objective is to identify interventions that preserve mitochondrial homeostasis and prevent development of disease. We are using genetic, cell and molecular biology approaches, mouse models, and cutting-edge 2D/3D imaging techniques to study the various signaling pathways in the heart. We are seeking a highly motivated, creative, and devoted postdoctoral candidate to join our group. For more information about our research, please visit https://gustafssonlab.ucsd.org.

Requirements: Candidates must have, or be working towards, a PhD or equivalent doctoral degree in biological or biomedical sciences

-Experience in general molecular and cell biology techniques, fluorescence microscopy, and immunohistochemistry are highly desired

-Experience in working with animal models to study disease is also desired or a willingness to learn

-Ability to conduct research independently, including design and execution of experiments

-Record of scientific achievement through publications and presentations

Salary/stipend: According to UCSD standards/regulations

Please email Asa Gustafsson at abgustafsson@health.ucsd.edu with a brief statement regarding research interests, CV, and a list of two references with their email addresses.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran.