

The Sheikh lab in the Department of Medicine, Division of Cardiovascular Medicine at the University of California, San Diego, invites applications for a postdoctoral position to Define Mechanisms and Therapeutics Underlying Genetic-Based Cardiomyopathy.

The laboratory's research interest are on understanding the molecular basis of a genetic heart disease, termed arrhythmogenic right ventricular cardiomyopathy (ARVC), which is prevalent in athletes who exhibit sudden death (recent publication from Liang Y et al., J Clin Invest, 2021). Postdoctoral position will seek to exploit genetically engineered mouse models and human induced pluripotent stem cells, state-of-the-art miniaturized physiological technology and range of molecular and cell biology techniques (interdisciplinary approaches) to uncover novel regulators of the disease. The laboratory also has a translational arm to designing and testing strategies for rescuing cardiac disease using gene therapy approaches for in-man applications.

The UC San Diego Cardiovascular Medicine Division is renowned for the success in training young investigators, as exemplified by the excellent training records of the faculty members. UC San Diego is a world-class research university. UC San Diego Health Sciences is a multi-billion dollar organization encompassing 18 academic departments, 3 professional schools (School of Medicine, Skaggs School of Pharmacy and Pharmaceutical Sciences, Wertheim School of Public Health) 2 hospital, and numerous programs dedicated toward fulfilling the Health Sciences education, research, and clinical missions.

Minimum qualifications are a Ph.D. in the appropriate discipline with strong expertise in molecular and cell biology, cardiac physiology and/or genetic model systems (mouse and human stem cell) is preferred. Interested candidates are encouraged to send curriculum vitae to Dr. Farah Sheikh by email at fasheikh@health.ucsd.edu.

The University of California is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.