



The Office of Research for Medical Students

Research Project

Project Title:

Lysine Acetylation in Heart Repair

Date of request: 10/23/2024

Contact Information

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Research Project

Our lab uses transgenic mouse and human iPSC derived-cardiomyocyte models to study cellular and molecular mechanisms underlying myocardial damage and regeneration, cardiomyocyte contraction, calcium signaling, and metabolism. The specific projects that could use the help of medical students are: (1) Effect of Myocardial Infarction on Calcium Signaling Molecules. (2) Antibody Screening for Acetyltransferases in Transgenic Mouse Heart.

Research Location: 5305 Weiskotten Hall Addition

Tele-research/remote opportunity? No

Will it require student to be physically present in the research location: Yes

Type of research: Basic

Summer project? Yes

Long-term project: Yes

Availability required to work on your project(s):

8h/wk for 10mo, or 30h/wk for 10wk

Prior experience or specific skills required to work on your project(s):

No experience or skill required as training will be provided in lab, but needs to be highly motivated for research!