Rotation student position available: Cellular Biophysics and Translational Cardiology

**Keywords:** translational cardiology, proteomics, cell biology.

The R14del mutation in the phospholamban (PLN) gene is associated with incurable arrhythmic/dilated cardiomyopathy and premature heart failure. The Lehnart Lab (Cellular Biophysics and Translational Cardiology Section, Department of Cardiology and Pneumology, Universitätsmedizin Göttingen) is recruiting potential Masters students interested in contributing to the understanding and eventual treatment of this devastating disease.

As a student, you will receive training in biochemistry (Western blotting, native and 2D-PAGE, co-immunoprecipitation) and state-of-the-art microscopy techniques (confocal laser and STED super-resolution microscopy). You will also work closely with the UMG Proteomics Core Facility for mass-spectrometry, and additional training opportunities for animal handling (mouse) and mammalian cell culture (HEK and hiPSC-derived cardiomyocytes) may be available.

Candidates should have a strong background in related fields (examples include cell biology, pharmacology, cardiology, etc.), be highly motivated and demonstrate critical thinking and communication skills. Previous research experience and training in relevant techniques may be advantageous but is not required. Start/end dates are flexible.

Questions and applications can be directed to Dr. Brian Foo (brian.foo@med.uni-goettingen.de).

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