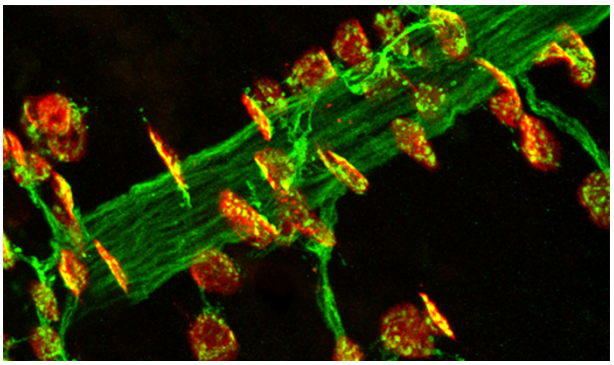
MEDICAL UNIVERSITY
OF VIENNA

Master Thesis Position in the Field of Cell Signaling

Laboratory of Ruth Herbst

Center for Pathophysiology, Infectiology and Immunology
MedUni Vienna



We are looking for a motivated Master student to study signaling at the neuromuscular synapse.

About the Herbst Lab

Our laboratory examines the molecular events that determine formation and function of the neuromuscular synapse, a structure that regulates skeletal muscle movement. Projects focus on developmental as well as molecular aspects of postsynaptic differentiation and on signal transduction events leading to the formation of the neuromuscular synapse.

About the position/project

The Master thesis project is designed to address important questions on how protein phosphorylation, cytoskeletal reorganization and signaling play together during synapse formation.

The project offers extensive training in a variety of biochemical, molecular and cellular biology techniques including CRISPR/Cas9, retroviral-mediated gene transduction and confocal microscopy. We offer close mentoring in a small, highly cooperative environment.

Requirements and application

If you are an enthusiastic student interested in molecular mechanisms and their role during cell signaling, send an application plus CV per e-mail to the address below. We are looking for bright and energetic students with a passion for science and good organizational skills.

Informal enquiries are welcome.

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