



cbbs
center for behavioral
brain sciences



Opportunity for master students

Insulin-signaling in the brain has important synaptic functions and is crucial for learning and memory processes. A pathological condition known as the metabolic syndrome causes synaptic insulin resistance and cognitive decline and is in association with a high amyloid load a risk factor for Alzheimer's disease.

The research group NPlast at the LIN in Magdeburg is currently pursuing a study where we analyze molecular underpinnings of high risk aging in this context. We are an international team with excellent training opportunities and a stimulating scientific environment.

We are looking for a undergraduate student to help to evaluate several protein interactions as well as histopathological consequences of synaptic insulin resistance and high amyloid load.

The suitable candidate should be highly motivated and have a strong background in Biochemistry and/or Molecular and Cell Biology. Previous lab experience is a plus.

We will provide a HiWi contract if applicable and the opportunity to work on a Master thesis project.

Requests and questions should be directed to Alessandro Confettura (aconfett@lin-magdeburg.de). For more information see www.kreutzlab.com.