

Curriculum Vitae

Lea Deneke



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Education:

Since 10/2021

PhD – Neurobiology
Duch Lab, iDN
Johannes-Gutenberg-University, Mainz

09/2021 –
10/2018

Master of Science – Biology
Johannes-Gutenberg-University, Mainz

Master's Thesis: The role of electrical coupling between wing depressor motoneurons in *Drosophila* flight

12/2018 –
10/2015

Bachelor of Science – Biology
Johannes-Gutenberg-University, Mainz

Bachelor's Thesis: The role of calcium channel isoforms in *Drosophila* motoneuron excitability

06/2011

Secondary school – A-levels
Georg-Christoph-Lichtenberg-Gesamtschule, Göttingen

Conferences:

03/2023

15th Göttingen Meeting of the German Neuroscience Society
Poster: Calcium mediated presynaptic homeostatic plasticity at the *Drosophila* NMJ

Student assistant:

10/2018 –
06/2021

Institute of Zoology; Dep. Neurobiology
Support of the animal physiology class

Scientific Techniques:

Model system

Drosophila

Imaging

Immunocytochemistry & CLSM
Ca²⁺-Imaging

Molecular

PCR

Physiology

Two Electrode Voltage Clamp
Electromyography of DLM Motoneurons

Behaviour

Larval Crawling

Languages:

German – native
English – fluent
Spanish – working knowledge