



CORINNA WERKMANN

EDUCATION

PhD Candidate

May 2023 - present

Johannes Gutenberg University, Mainz

RG Functional Neurobiology

Master of Science Biology

Johannes Gutenberg University, Mainz

Oct. 2019 - Jan. 2022

Overall mark: 1.1

Bachelor of Science Biology

Johannes Gutenberg University, Mainz

Oct. 2016 - Oct. 2019

Overall mark: 1.4

High School

Max-Planck Gymnasium, Rüsselsheim

2008 - 2016

Overall mark: 1.5

WORK EXPERIENCE

Scientific research assistant

Feb. 2022 - April 2023

RG Functional Neurobiology, JGU Mainz and UKM Münster

Functional calcium and glutamate imaging, dual imaging of single particles, supervision of student courses

LABORATORY EXPERIENCE

Master thesis, Laboratory of Functional Neurobiology (Oct. 2020 - Dec. 2021)

- Methods
- Single particle tracking using TIRF microscopy
 - Optical Ca²⁺ measurements using genetically encoded calcium indicators
 - Generation of AAV particles
 - Immunohistochemistry
 - Molecular cloning
 - Cell culture (HEK 293T cells, primary hippocampal cultures)

Bachelor thesis, Laboratory of Neurobiology 1 (June 2019 - Sept. 2019)

- Methods
- Behavioral paradigm for the assessment of attention in flying *Drosophila melanogaster*
 - Immunohistochemistry and confocal imaging of whole *Drosophila* brain dissections

PERSONAL INFORMATION

Date of birth

15 Nov. 1997

Email

cowerkma@uni-mainz.de

corinnaw15@gmail.com

Phone

017643818612

Address

Kiefernweg 7, 65428 Rüsselsheim

LANGUAGE

German

Native

English

Advanced

Spanish

Elementary

COMPUTER SKILLS

Microsoft Office

ImageJ

GraphPad Prism

R Studio

NCBI database

SOFT SKILLS

Excellent team spirit and team work gained in group projects through my academic courses and by being part of a basketball team.

Independent planning and conducting of experiments.

Great sense of responsibility and organization.

Supervision of student courses and undergraduate students.