CORINNA WERKMANN

PERSONAL INFORMATION

Date of birth
15 Nov. 1997

Email
cowerkma@uni-mainz.de
corinnaw15@gmail.com

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 beeing part of a basketball team.
Independent planning and conducting of experiments.
Great sense of responsibility and organization.
Supervison of student courses and undergraduate students.

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

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