Ronja Sinzinger

Department of Behavioral Physiology and Sociobiology (Zoology II)
Theodor-Boveri-Institute of Bioscience, Biocenter
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Education

since 04/2026	**PhD position at the Julius-Maximilians-University of Würzburg** Self-financed via the *Studienstiftung des deutschen Volkes* Focus on Neurobiology and Sociobiology Working title: *From Optic Flow to Navigation: Electrophysiological Insights into Distance Estimation in Central Complex Neurons of Bumblebees*
10/2023 – 02/2026	**M.Sc. in Bioscience** Julius-Maximilians-University of Würzburg Focus on Neurobiology and Sociobiology Thesis: *Light sensitive neurons within the central complex of Bombus terrestris* Final grade: 1.1
10/2020 – 09/2023	**B.Sc. in Biology** Julius-Maximilians-University of Würzburg Thesis: *Age-related and light-induced structural plasticity in the mushroom bodies of the honeybee* Final grade: 1.8
08/2012 – 07/2020	**General University Entrance Qualification** Goethegymnasium in Ilmenau Participation in the special mathematics and science class Subjects with increased demands: biology, mathematics, chemistry Final grade: 1.5

Awards & Grants

02/2026	**Scholarship recipient of the PhD program of the 'Studienstiftung des deutschen Volkes'**
07/2020	**Awarded the 'MINT-EC' certificate with distinction**

Practical experience

11/2023 - 01/2024	**Work as an assistant scientist - data analysis**

	(Rössler lab, JMU Würzburg)
since 2022	**Various intra-university lab and field study internships**
	• Ten-week internship in the electrophysiology lab
	(Pfeiffer lab, JMU Würzburg)
	• Five-week internship in Berlin observing flight behavior
	(Degen lab, JMU Würzburg)
07/2019	**Voluntary internship at the Leibniz Institute for Neurobiology in Magdeburg**