

University Academic Curriculum Vitae

Personal information

Dr. Veronika Rau
ORCID: 0000-0002-9981-9862

Education since leaving school

- 2015, B. Sc. in Biology, University of Freiburg, Germany
- 2018, M. Sc. in Biology, University of Freiburg, Germany
- 2023, PhD in Biology, Thesis: "The reversal of the fecundity-longevity trade-off in a termite", University of Freiburg, Germany

Present appointment

- Since 01.04.2024: Research assistant
- Competence Centre for Plant Health, Free University of Bozen-Bolzano, Italy
- Research: Study of spruce bark beetle symbionts and antagonists

Professional experience

From / to	Job title	Name of academic Institution	Academic level	responsibilities
02/2019-12/2022	Research assistant	University of Freiburg	PhD	Research
07/2023-01/2024	Research/teaching assistant	University of Freiburg	PostDoc	Teaching, data analysis

Experience in academic teaching

- 2024: teaching assistant *Vorratsschutz und Pflanzenschutz*, B. Sc. Program Agricultural, Food and Mountain Environmental Sciences, Free- University of Bozen-Bolzano, Italy
- 2023-2024: part of *GM-10 Zoologie & Evolution der Tiere*, B. Sc. Program Biology, University of Freiburg, Germany
- 2023-2024: part of *VM-04 Evolutionsbiologie*, B. Sc. Program Biology, University of Freiburg, Germany
- 2020-2021: Co-supervision of three Bachelor students

Other academic responsibilities

2020: Organisation of the online summer school ADABT of the DFG research unit FOR2281

Research and scholarships

2019-2024: Analysis of RNA-Seq, fitness and behavioural data of *Cryptotermes secundus* to study ageing, fecundity and longevity, member of DFG research unit FOR2281

Publications

Rau Veronika, Flatt Thomas and Korb Judith. 2023. The remoulding of dietary effects on the fecundity / longevity trade-off in a social insect. *BMC Genomics* 24 (1):244; <https://doi.org/10.1186/s12864-023-09335-z>

Rau Veronika and Korb Judith. 2021. 'The effect of environmental stress on ageing in a termite species with low social complexity.' *Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences* 376 (1823): 20190739. <https://doi.org/10.1098/rstb.2019.0739>.

Further data

09/2021, selected poster at Gutenberg Workshops in Ingelheim
08/2022, selected poster at ISBE in Stockholm
08/2022, selected talk at ESEB in Prague
08/2024, invited talk at ICE in Kyoto

**Language
competence**

German, mother tongue
English, fluent
French, basic knowledge