

**PhD Position in Insect Chemical Ecology
(65% TV-L E13, fixed-term for three years)**

The University of Regensburg is a Campus-University with an innovative and interdisciplinary scope. Multifaceted and highly renowned research activities and a broad range of studies offer attractive opportunities for young people from Germany and around the world. The work group Chemical Ecology at the University of Regensburg investigates chemically mediated interactions, with a focus on cues and signals that influence the behaviour of insects.

For a DFG-funded project investigating the **causes and consequences of sex-pheromone variability in parasitoid wasps**, we are seeking a highly motivated PhD student with a keen interest in insect chemical ecology. Tasks will include experimental work with parasitoid wasps, comparative chemical analyses using gas chromatography/mass spectrometry, as well as molecular analyses and bioinformatics (differential gene expression, population genetics). There will be an opportunity to assist in the collection of specimens from the field using carcass traps. The candidate shall present project results at scientific congresses and participate in their publication. Within the PhD programme, the candidate will be enrolled in the Regensburg International Graduate School of Life Sciences (RIGeL, <https://www.rigel-regensburg.de>, section Molecular Ecology & Evolution), which offers methods courses and annual summer schools.

Prerequisites for applicants

- Master's or diploma degree in biology (behaviour, ecology, evolution or a related topic)
- Experience in experimental work with living insects
- Proven (or convincingly demonstrated willingness to rapidly acquire) skills in chemical analysis (GC/MS), molecular methods and bioinformatics (RNAseq/DGE, population genetics)
- Experience with R will be an advantage
- Fluent English communication skills (written and spoken)
- Ability to work in a team
- Structured and self-reliant way of working

To apply, please provide a single PDF file containing (I) your CV with copies of relevant academic degrees, if applicable including a list of publications/conference participations, (II) a 1-2 page letter detailing your motivation for this position and corresponding previous research experience, (III) letters of recommendation or contact details of 2-3 referees. **Email the file to tamara.pokorny@ur.de by the application deadline of April 30, 2022.** Interviews will take place shortly thereafter. The contract shall start as soon as possible (mid of June or July 2022), but is negotiable for a later date. For further information on the Department, please see <https://www.uni-regensburg.de/biologie-vorklinische-medizin/chemische-oekologie/home/index.html>. Informal inquiries can be emailed to Tamara Pokorny (tamara.pokorny@ur.de).

For the official, legally binding advertisement (in German) see **number 22.092:**

<https://www.uni-regensburg.de/universitaet/stellenausschreibungen/lehre-forschung/index.html>