



MAX PLANCK INSTITUTE
FOR CHEMICAL ECOLOGY

Applications are invited for a

Looking for a HIWI

The project group „Chemical Communication in Plant-Aphid Interactions“ at the Max Planck Institute for Chemical Ecology is looking for new student helpers.

Job Description

We are working mainly with the pea aphid, which consists of different biotypes. Each biotype prefers a certain legume host plant. Some of the aphids also contain facultative endosymbionts. We investigate why a certain aphid biotypes can survive and develop good on their host plant but not on other legumes species, and which role facultative endosymbionts might play. Therefore, we investigate plant chemistry as well as aphid performance. Our group is looking for:

- Help during experiments (work with aphids, but also molecular work – PCR etc.)
- Help with the cultivation of aphids

We Seek

students, which study biology, chemistry or biochemistry or something related. We are looking for student helpers for about 20 h/month (or more), but this can be changed according to your schedule. We are looking for students which could imagine to stay with us for at least half a year, better longer. Previous knowledge is good but not necessary, so you are also welcome if you are still in your bachelor studies.

Your Profile

You study biology, chemistry or biochemistry or something related. Most important is your interest to work with insects but also in the lab. You don't need any previous experience but of course it would be an advantage if you already have some experience with insect rearing or some molecular or chemical lab work. You are also welcome if you are still in your bachelor studies.

We Offer

A friendly interdisciplinary working group.

Application Deadline

Application deadline is March, 31, 2024

If you are interested, please apply [here](#) and add a motivation letter and your CV.

The Max Planck Society is one of Europe's leading research organizations and conducts basic research in the natural sciences, life sciences, and humanities. The Max Planck Institute for Chemical Ecology in Jena carries out fundamental research on how organisms communicate with each other via chemical signals. We analyze ecological interactions with molecular, chemical and neurobiological techniques. In the Institute, organic chemists, biochemists, ecologists, entomologists, behavioral scientists, insect geneticists and physiologists work in collaboration to unravel the complexity of chemical communication that occurs in nature.

The Max Planck Society is committed to gender equality and diversity and actively supports the reconciliation of work and family life. We want to increase the proportion of women in areas where they are underrepresented. The Max Planck Society has also set itself the goal of employing more persons with severe disabilities. We therefore encourage them to apply. We also welcome applications from all backgrounds.

Have we sparked your interest? Please apply. We are looking forward to getting your complete application documents.

Website: www.ice.mpg.de



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