IMPRS
for Molecular Plant Science
INTERNATIONAL MAX PLANCK RESEARCH SCHOOL

PhD Positions in the IMPRS for Molecular Plant Science (m/f/d)

The **International Max Planck Research School for Molecular Plant Science (IMPRS MolPlant)** is a doctoral programme in plant science at the Max Planck Institute of Molecular Plant Physiology and the University of Potsdam. We are located close to Berlin, the multicultural capital of Germany.

Currently, we are inviting applications for

Doctoral Positions

Doctoral candidates and their research projects will start in second half of 2023, between June and December.

Our research

Plants and their seeds are vital for human nutrition. In our IMPRS, we study genetic, molecular, cellular, metabolic and physiological processes of plant growth, development, reproduction and interaction with other organisms. In a plant's life, interactions occur at multiple levels: among others, between its plastids and the nuclear genome, between cells in one organ, between its roots and above-ground organs, with related plant species and their genomes, with microbes and other biota, and with abiotic environmental factors. We seek to understand how plants perceive and integrate the multitude of endogenous and exogenous signals they receive to ensure their health, survival, biomass acquisition and seed formation. We work with various plant and algal species, and follow an interdisciplinary approach, combining molecular biology, genetics, genomics, epigenomics, metabolomics, biochemistry, biophysics and microscopy with bioinformatics and modelling. Detailed information on the research in the IMPRS groups can be found on the website of the IMPRS MolPlant.

Our offer

Research is at the core of our doctoral programme. We offer excellent, state-of-the-art research facilities and interdisciplinary training in an international environment, with English as working language. Our doctoral students are supervised by our IMPRS faculty, and pursue research projects in their groups. They receive further guidance from an advisory committee. Positions are fully funded for 3 years, with possibility of extension, and include health insurance and social benefits.

Your profile

You are a highly qualified and motivated candidate who would like to tackle fundamental questions in plant biology using experimental and/or computational approaches. You have a strong academic track record and hold or are about to obtain an MSc or equivalent degree in biology, biochemistry, bioinformatics, computational biology, chemistry, physics, (applied) mathematics, or related field. We value diversity and welcome applications from students of all nationalities.

How to apply

For further information about the IMPRS, the research of our faculty members and our **online application procedure**, please visit our website:
https://www.mpimp-golm.mpg.de/IMPRS-PhD

Applications will be accepted until 31 January 2023.

Contact: research-school@mpimp-golm.mpg.de

Max-Planck-Institut für Molekulare Pflanzenphysiologie

Universität Potsdam

MAX PLANCK GESELLSCHAFT