

PhD Student Positions in Plant Science

The **International Max Planck Research School *Primary Metabolism and Plant Growth* (IMPRS-PMPG)** 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 2022, between June and December.

Our research

Plants and their seeds are vital for human nutrition. We study the genetic, developmental, and physiological processes of plant growth and reproduction, and seek to understand how plants integrate environmental factors such as light, temperature, and availability of water and nutrients to ensure their survival, biomass acquisition and seed formation. We work with various plant species, and follow an interdisciplinary and systems-oriented approach, combining molecular biology, genetics, genomics, epigenomics, metabolomics, biochemistry, biophysics and microscopy with bioinformatics and modelling.

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 23 January, 2022.

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