



Requirements

To register for the special study program (SSP) iMoPLANT within the MSc Biosciences curriculum, students must hold a bachelor's degree in the Natural or Life Sciences with an average grade of 2.3 or better and show a keen interest in modern Plant Sciences.



How to apply

To apply for the SSP iMoPLANT, please register for the MSc Biosciences first. Once you are admitted to the MSc you can apply for the SSP iMoPLANT.

For questions related to your application, please contact the SSP iMoPLANT coordinator:

Dr. Rainer Waadt

Email: rwaadt@uni-muenster.de

For further information please visit the [iMoPLANT](http://iMoPLANT.uni-muenster.de) website.

Contact



SSP iMoPLANT coordinator

If you would like to discuss how to choose among the different plant modules, or how to plan your Master's curriculum based on the SSP iMoPLANT, please contact:

Dr. Rainer Waadt

Email: rwaadt@uni-muenster.de

Or select a mentor among the iMoPLANT-related groups.

SSP iMoPLANT office

To obtain your iMoPLANT certificate, please contact Rainer Waadt and send us your transcript of records. When you have fulfilled the requirements, the Secretary to the Head of the IBBP Kristina Grubišić (kristina.grubisic@uni-muenster.de) will hand you out the certificate.

SSP iMoPLANT speaker

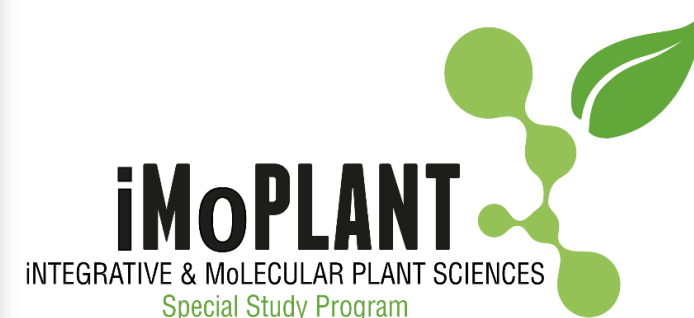
Head of the Institute of Plant Biology & Biotechnology IBBP, Schlossplatz 7 & 8:

Prof. Dr. Markus Schwarzländer

Email: markus.schwarzlander@uni-muenster.de

Prof. Dr. Till Ischebeck (Deputy)

Email: till.ischebeck@uni-muenster.de



FACHBEREICH
BIOLOGIE



**Universität
Münster**



About the SSP iMoPLANT

The SSP iMoPLANT offers dedicated specialized training within the MSc Biosciences program. It aims at students with a keen interest in the Plant Sciences. During the development of their iMoPLANT curriculum, students will seek to solve biological questions by applying the latest advances in Mass Spectrometry, Microscopy as well as in Molecular Biology and Genomics approaches, such as precision genome editing (CRISPR/Cas, etc.). Upon successful completion of the program, students will receive an iMoPLANT certificate (on top of the MSc certificate), attesting state-of-the-art training for future plant research at the academic as well as the industrial level.



SSP Structure



Option 1: 2 Advanced Modules + 1 Research Module + Master Thesis

Option 1: 2 Advanced Modules + 1 Research Module + Master Thesis							
1 st Year	1 st WiSe	Project Management Module	Integrative Biology	AdM (iMoPLANT) 5 CPs	AdM (iMoPLANT) 5 CPs	AdM	AdM
	2 nd SuSe	Project Management Module	AdM	RM (iMoPLANT) 10 CPs		RM	
2 nd Year	3 rd WiSe	Master Thesis (iMoPLANT) 60 CPs					
	4 th SuSe						

Option 2: 2 Research Modules + Master Thesis

Option 2: 2 Years for Modules + Master Thesis							
1 st Year	1 st WiSe	Project Management Module	Integrative Biology	AdM	AdM	AdM	AdM
	2 nd SuSe	Project Management Module	AdM	RM (iMoPLANT) 10 CPs		RM (iMoPLANT) 10 CPs	
2 nd Year	3 rd WiSe	Master Thesis (iMoPLANT) 60 CPs					
	4 th SuSe						

In addition, it is required to participate in at least 50% of the iMoPLANT 'Plants of the Future' lecture.



SSP Content

The SSP iMoPLANT program integrates plant research at the molecular, cellular and organismic levels and encompasses a broad palette of research topics, including **Plant Molecular & Cellular Biology, Plant Physiology & Biochemistry, Plant Biotechnology, Plant Signaling, Plant Biotic Interactions, and Plant Evolution**. Within each of these subject areas, several advanced and research modules with a green label are offered. For further information, please visit the "Modulhandbuch".



Focus Area 'Plants'

The SSP iMoPLANT is offered by the research groups at the Faculty of Biology (FB13) with strong focus on 'Plants'. The participating research groups are:

- **Thylakoid Bioenergetics and ATP Synthase Regulation:** Dr Felix Buchert
- **Plant Physiology & Proteomics:** Prof. Dr. Iris Finkemeier
- **Plant Signaling:** Jun.-Prof. Dr. Ora Hazak
- **Plant Biochemistry & Biotechnology:** Prof. Dr. Michael Hippler
- **Plant Lipid Droplets:** Prof. Dr. Till Ischebeck
- **Molecular Genetics & Cell Biology of Plants:** Prof. Dr. Jörg Kudla
- **Molecular Phloem Dynamics:** APL. Prof. Dr. Gundula Noll
- **Plant Biotechnology:** Prof. Dr. Dirk Prüfer
- **Plant Energy Biology:** Prof. Dr. Markus Schwarzländer
- **Molecular Physiology of Plants:** Prof. Dr. Antje von Schaewen
- **Plant Abiotic Stress Signaling and Response:** Dr. Rainer Waadt

For further information, please visit the [IBBP](#) website.