

Kolloquium der Pflanzenwissenschaften an der  
Marsa  
School of Life Sciences

# Molecular Mechanisms of Agronomic Traits

Zoom-Seminars - Sommersemester 2021

Details will be communicated by email and at [www.sfb924.wzw.tum.de](http://www.sfb924.wzw.tum.de).

**Do. 24.06.2021**

17:15 Uhr | ZOOM

Leon Kutzner (van der Linde laboratory, UR)  
Small secreted proteins in anther development  
and pathogenicity in *Zea mays*.  
Jinghui Liu (Erwin Grill laboratory, TUM-SoLS)  
Analysis of *Arabidopsis thaliana* for efficient  
water use.

**Do. 15.07.2021**

17:15 Uhr | ZOOM

Prof. Dr. Thomas Nägele  
Ludwig-Maximilians-Universität München, DE  
System dynamics of plant acclimation.  
(Host: Prof. Dr. Caroline Gutjahr, TUM-SoLS)

**Do. 16.09.2021**

17:15 Uhr | ZOOM

Dr. Stefanie Müller-Schüssele  
INRES, Universität Bonn, DE  
The Good, the Bad and ROS: Deciphering  
plant stress physiology using genetically  
encoded biosensors.  
(Host: PD Dr. Stefanie Sprunck, UR)

**Do. 01.07.2021**

17:15 Uhr | ZOOM + Hörsaal 53 | Uni Regensburg

Prof. Dr. Markus Albert  
Friedrich-Alexander Universität Erlangen-Nürnberg  
Molecular mechanisms during plant  
-plant interactions.  
(Host: Prof. Dr. Thomas Dresselhaus, UR)

**Do. 22.07.2021**

17:15 Uhr | ZOOM

Dr. Macarena Marín  
Ludwig-Maximilians-Universität München, DE  
Plant control of intracellular rhizobia  
accommodation.  
(Host: Prof. Dr. Corinna Dawid, TUM-SoLS)

**Do. 23.09.2021**

17:15 Uhr | ZOOM

Dr. Burkhard Steuernagel  
John Innes Centre Norwich, UK  
Methods for rapid (disease resistance) gene  
identification in plants.  
(Host: Prof. Dr. Jan Baumbach, Uni Hamburg)

**Do. 08.07.2021**

17:15 Uhr | ZOOM

Prof. Dr. Gitta Coaker  
University of California, USA  
Mechanisms regulating *Arabidopsis* immune  
signaling and their translation to crop species.  
(Host: Prof. Dr. Silke Robatzek, LMU)

**Do. 29.07.2021**

17:15 Uhr | ZOOM

Prof. Dr. Ping He  
Texas A&M University, USA  
How do plants activate defence without running  
amok? Lessons from genetics.  
(Host: Prof. Dr. Ralph Hüchelhoven, TUM-SoLS)

**Do. 30.09.2021**

17:15 Uhr | ZOOM

Prof. Dr. Julia Kehr  
Universität Hamburg, DE  
Mobile RNAs and systemic signalling.  
(Host: Dr. Arne Weiberg, LMU)



GoogleMaps view of a part of the Western Sahara. The white line running diagonally through the image is a giant conveyor belt running over 100 km through the desert to a harbour at Marsa. Phosphate is an essential component for plant (and all organism) growth and used in plant fertilizers. The phosphate mine in Boucraa is one of the most important mines in the world. Increasing plant phosphate uptake is an important goal for plant scientists.



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