

Poster titles

Biochemistry of Plants

1. Nitrogen recycling in plants: Identification and characterization of a guanosine deaminase in *Arabidopsis*
Kathleen Dahnke
2. The role of CPK in primary pathogen response in *Arabidopsis thaliana*
Sergej Herzog
3. A CDPK from *Arabidopsis* mediates local and systemic plant defense responses
Heike Seybold
4. CDPKs from *Zea mays* and their role in the cold stress response
Philipp Weckwerth
5. Characterisation of the plant urease activation complex
Till Myrach

Plant Physiology

6. Light-responsive promoter elements in *Arabidopsis thaliana*
Anna Börger
7. The regulation pattern of chloroplast ascorbate peroxidase in *Arabidopsis thaliana*
Wenguo Cai
8. The function of ERF1b transcription factors in the regulation of the chloroplast antioxidant system
Radek Rudnik
9. Functional comparison of evolutionary gene variants of chloroplast ascorbate peroxidases
Benjamin Witsch

Applied Genetics

10. Functional analysis of cytokinin-regulated ERF transcription factor genes in *Arabidopsis thaliana*
Sylva Bolt
11. The nitrate transporter AtNRT1.5 may play a role in nutrient deficiency adaptation
Navina Drechsler

12. Functional characterization of HIPP proteins interacting with CKX
Tianqi Guo
13. Characterization of cytokinin receptors across plant species
Mhyhedden Halawa
14. Modulation of the cytokinin status in the shoot apical meristem of *Arabidopsis thaliana*
Sören Werner
15. Nitrogen deficiency and senescence in oilseed rape: Transcriptome response
Vajiheh Safavi Rizi
16. Optimization of Ac transposase expression in *Arabidopsis*
Zhenxing Wang
17. The role of senescence and nitrate transporters in nitrogen use efficiency of *Brassica napus* and *Arabidopsis thaliana*
Yue Zheng
18. The function of ERF1b transcription factors in the regulation of the chloroplast antioxidant system
Tanja Rublack

Plant Ecology

19. Environmental and spatial determinants of the soil oribatid mite assemblage of a dry grassland
Stefanie Lauke
20. Effects of land-use and biodiversity on arbuscular mycorrhizal communities in roots in the German Biodiversity-Exploratories; problems and preliminary results
Kriszta Vályi
21. Woody debris as trigger for invertebrate habitat diversity in lowland rivers
Francesca Pilotto
22. Investigation of arbuscular mycorrhizal fungi status along riparian floodplain island age development on Flagogna reach, Fiume Tagliamento, Italy.
Ulfah Mardhiah
23. The Ecology of Soil Aggregation: Interrelationships between Arbuscular Mycorrhizal Fungi and Associated Microbiota
Eva Leifheit