

Cologne Minisymposium on Plant Biology

Thursday – February 20, 2025



Program

Morning session

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|---------------|---|
| 9.00 - 9.05 | Welcome |
| 9.05 – 9.45 | Imke Schmitt, Senckenberg Institute, Germany
The role of climate in structuring lichen holobionts |
| 9.45 – 10.25 | Fritz Kragler, MPI Golm, Germany
Graft-mobile mRNAs: How and why to deliver messages to roots and shoots |
| 10.25 – 10.40 | Coffee Break |
| 10.40 – 11.20 | Susann Wicke, Münster University, Germany
Evolution and development of parasitism in the Broomrape family |
| 11.20 – 12.00 | Gabriel Krouk, CNRS Montpellier, France
From Next Gen GWAS to generative AI to design regulatory peptides |
| 12.00 – 12.40 | Yiheng Hu, ZMBP Tübingen, Germany
A vitamin cross-feeding mechanism drives microbial niche adaptation on leaves |
| 12.40 – 14.00 | Poster Session 1: Even Numbers |

Afternoon session

- 14.00 – 14.40 **Andreas Niebel, INRA Toulouse, France**
Genetic and epigenetic control of Root Nodule development during the Legume-Rhizobium symbiosis
- 14.40 – 15.20 **Iris Finkemeier, Uni Münster, Germany**
New players in the post-translational regulation of plant metabolism
- 15.20 – 15.50 **Coffee Break**
- 15.50 – 16.30 **Marion Clavel, MPI Golm**
At the crossroad between organelle perturbation and immunity –
Selective autophagy senses viral replication to control plant cell death
- 16.30 – 17.10 **Katharina Markmann, Würzburg University, Germany**
Mobile miRNAs mediate shoot control of root responses and symbiotic competence
- 17.10 **Closing Remarks**
- 17.15 – 18.30 **Poster Session 2: Odd Numbers**
- 19.00 Dinner in “Hellers Brauhaus”

Guests are welcome!

**Venue:
Lecture hall 0.024
Biocenter,
University of Cologne
Zùlpicher Str. 47B
50674 Cologne**