

# MPMI Research Update

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Latest Highlights of the *MPMI* Journal

## Special Highlight

### The Endophytic Fungus *Cyanoderrella asteris* Influences Growth of the Nonnatural Host Plant *Arabidopsis thaliana*

*Cyanoderrella asteris* is a fungal endophyte from *Aster tataricus*, a perennial plant from the northern part of Asia. [Jahn et al.](#) demonstrated an interaction of *C. asteris* with *Arabidopsis thaliana*, Chinese cabbage, rapeseed, tomato, maize, or sunflower resulting in different phenotypes such as shorter main roots, massive lateral root growth, higher leaf and root biomass, and increased anthocyanin levels.

