Interactions between plants and fungal peptides

Benevolent fungi protect plants and are therefore used for biocontrol of pathogens. In particular, *Trichoderma* fungi kill bacteria and other fungi by excreting antimicrobial peptides. Plants protect themelves against these peptides by inducing molecular changes to their cellular functions. We are presently analysing mutant plants that have lost the ability to protect themselves, in order to clarify the response and signalling pathway.

Degree projects can be designed aiming at screening and/or analysing particular mutants for discovering components and mechanisms involved in how the plant resistance is elicited, further signaled and/or conveyed.

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