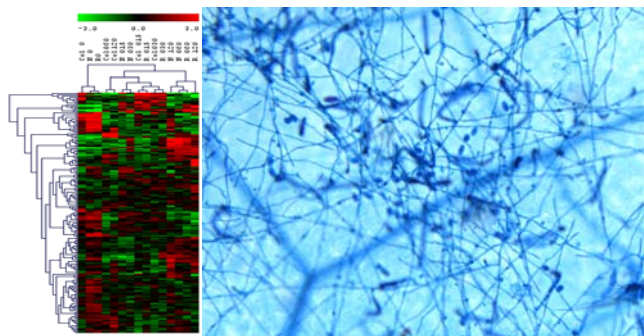


A workshop for PhD students, 23rd-25th of September in Gothenburg, Sweden
The interactions between plants and microorganisms: from virulence to symbiosis (3 ECTS)

Aim of the course

Interactions between microorganisms and plants have of enormous practical implications. Microbial pathogens cause yield losses in agriculture, mycotoxin contamination of grain is a serious threat to human and animal health and symbiotic microorganisms in the rhizosphere are important players in the flow of nutrients in all land ecosystems. In the last few decades the research volume and understanding of the underlying molecular mechanisms of plant microbe interactions has exploded. The course aims to take a broad view on interactions between plants and microorganisms. The course is in the form of a workshop. Five invited senior researchers will give keynote presentations, after which all attending PhD students will be given the opportunity to present their own work. The course aims to bring students and international top researchers together for fruitful scientific discussions.



Location and dates

Ågrenska Villan, Gothenburg, September
23rd – 25th, 2009

Areas and invited speakers

Plant defense against bacterial pathogens: David Mackey, Ohio State University, USA

Plant defense against biotrophic fungi: Hans Thordal-Christensen, University of Copenhagen, Denmark

Chemical signals in plant microorganism interactions: Sabine Rosahl, Leibniz Institute of Plant Biochemistry, Halle, Germany

Interaction between cereals and mycotoxin forming fungi: Rajagopal Subramaniam, Agriculture and Agri-Food Canada, Ottawa, Canada

Interaction between plants and fungi, mycorrhiza formation: Anders Tunlid, Lund University, Sweden

Course organizers

Mats Ellerström (mats.ellerstrom@dpes.gu.se) 031- 786 4806 and

Mats Andersson (mats.andersson@dpes.gu.se), Department of plant- and environmental sciences, University of Gothenburg

Co-organizer Sophia Ekengren (ekengren@botan.su.se), Department of Botany, Stockholm University

Registration

The number of attending PhD student is set to a maximum of 15. Registration and attendance is free for selected PhD students. Register by sending an email to mats.ellerstrom@dpes.gu.se no later than May 15, 2009. Please specify your name, institution and include an abstract for your presentation. You will be notified on your status no later than June 15.