

PSC Symposium 2003: Plant Health

6th Symposium of the Zurich-Basel Plant Science Center
5 December 2003, 9.00 am – 17.30 pm

09.00 - 09.05 Introduction by **B. Schmid**, Universität Zürich, current President of the Zurich-Basel Plant Science Center

09.05 - 10.45 Session I: **Abiotic factors**, (Chair: **E. Martinoia** UniZH)

J. Paz-Ares (Centro Nacional de Biotecnología, Madrid, SP)
Transcriptional control of phosphate starvation responses in Arabidopsis

P. Edwards (ETH Zürich)
Plant invasions and environmental stress

C. Körner (Universität Basel)
To be or not to be - or 'just' stressed?

K. Apel (ETH Zürich)
Singlet oxygen and the activation of genetically controlled stress programs in Arabidopsis thaliana

10.45 - 11.20 Coffee and Poster session

11.20 - 13.00 Session II: Beneficial microorganisms, (Chair: **G. Défago** ETHZ)

H. Gu (ETH Zürich)
Genetics of parasitoid response to plant chemical signals

H. R. Herren (International Centre of Insect Physiology and Ecology, Nairobi, Kenya)
Habitat management for insect, maize pest and weed control in Africa

B. Duffy (Eidg. Forschungsanstalt Wädenswil, CH)
Pathogen Self-Defense: Mechanisms to counteract microbial antagonism

P.A.H.M. Bakker (Utrecht University, NL)
Systemic Resistance (ISR) against pathogens by root colonizing bacteria

13.00 - 14.20 Lunch and Poster session

14.20 - 16.00 Session III: **Pathogens**, (Chair: **M. Heinlein** UniBS)

O. Voinnet (Institut de Biologie Moléculaire des Plantes du CNRS, F)
RNA silencing and antiviral defence

J.-P. Métraux (Université de Fribourg, CH)
Salicylic acid and systemic acquired resistance

C. Gessler (ETH Zürich)
Evolution of scab resistance genes in apple and their use

T. Boller (Universität Basel)
Innate immunity in plants

Free of charges

No registration needed for participation

Location: Auditorium Maximum, Main Hall, ETH Zurich