

Oxidative stress in plants

Chair: K. Apel (Zürich, SUI)

Invited Lectures:

The genetics of ROS-mediated stress responses in *Arabidopsis*

K. Apel (Zürich, SUI)

Crosstalk and antagonistic response to singlet oxygen and other reactive oxygen species in *Arabidopsis thaliana*

C. Laloï¹, A. Baruah¹, E. Pers¹, M. Stachowiak¹, I. Murgia², K. Apel¹ (¹Zürich, SUI; ²Milano, ITA)

Genome wide analysis of photorespiratory hydrogen peroxide regulated gene expression in *Arabidopsis*

F. Van Breusegem, S. Vanderauwera (Gent, BEL)

Molecular biology of programmed cell death in *Arabidopsis thaliana*

T. Gechev^{1,2}, I. Gadjev², L. Bernier¹, M. Zwier¹, M. Ferwerda¹, I. Minkov², J. Hille¹ (¹Haren, NED; ²Plovdiv, BUL)

Oral Presentations:

Ultraviolet illumination induces a stress effect upon higher plants (*Spirodela oligorrhiza*), as evident by the universal stress signal, alanine – an ¹⁵N NMR study

E. Ben-Izhak Monselise, D. Kost (Beer-Sheva, ISR)

Phototoxic phytoalexins: a new mechanism of light-mediated plant defence

C. Flors, S. Nonell (Barcelona, ESP)