

PROGRAM

9th International Conference of Ph.D. Students of Experimental Plant Biology

*** Fresh Insights in Plant Affairs ***

Prague 5 – 6 September 2011

*Department of Experimental Plant Biology
Faculty of Science, Charles University in Prague*

Sunday, September 4th 2011

ARRIVAL OF PARTICIPANTS, ACCOMMODATION

Monday, September 5th 2011

8:30-9:00 **REGISTRATION**

9:00-9:15 **OPENING CEREMONY** (J. Albrechtová, L. Nátr)

9:15-10:45 **ORAL PRESENTATIONS**

9:15-9:45 Baldrianová, J.: Expression of ELIPs at different light conditions in *Arabidopsis thaliana* with elevated cytokinin levels

9:45-10:15 Berčák, M.: The research on the mechanism of plant adaption in Chernobyl area by using quantitative proteomics

10:15-10:45 Doležalová, J.: Formation of volatile chlorinated hydrocarbons in the forest ecosystem

10:45-11:15 **COFFEE BREAK**

11:15-12:45 **ORAL PRESENTATIONS**

11:15-11:45 Felcmanová, K.: Influence of enhanced CO₂ concentration on regulation of photosynthesis in diazotrophic cyanobacteria

11:45-12:15 Králová, T.: Specific pattern of sex chromosome evolution in plants

12:15-12:45 Kováčková, V.: BisPrimer - a program for the design of primers for bisulfite based genomic sequencing of DNA samples

12:45-13:45 **LUNCH**

13:45-15:15 **ORAL PRESENTATIONS**

13:45-14:15 Hlaváčková, I.: Identification of proteins responsible for frost resistance of barley

14:15-14:45 Jarešová, J.: Chromatic adaptation of photosynthetic apparatus of *Chromera velia*

14:45-15:15 Novák, J.: Increased levels of cytokinins induce HR-like cell

15:15-15:30 **COFFEE BREAK**

15:30-17:00 **ORAL PRESENTATIONS**

15:30-16:00 Sekereš, J.: Localization and dynamics of Sec5 subunit of the exocyst complex in plant cells

16:00-16:30 Skůpa, P.: PIN family of auxin transporters: functional and evolutionary aspects

16:30-17:00 Urban, M. O.: Are the physiological parameters good markers for long term drought stress? The case study: *Brassica napus* L.

17:00-17:30 **COFFEE BREAK**

17:30-18:30 **ORAL PRESENTATIONS**

17:30-18:00 Urbanová, T.: Plant hormones gibberellins; their analysis and the study of the gibberellin-biosynthetic enzymes GA20oxidases

18:00-18:30 Hisem, D.: Mesophyll conductance to CO₂ transport: effect of low ABA concentration

18.30-19:30 **POSTER VIEWING**

20:00 **BARBECUE NIGHT IN BOTANICAL GARDEN**

Tuesday, September 6th 2011

9:00-9:30 **BREAKFAST**

9:30-10:30 **FINAL DISCUSSION, AWARDS, CLOSING CEREMONY**

10:30 **REFRESHMENT (BRUNCH)**