Meeting programme

Sunday, March 30, 2014

17:00 – 21:00  Registration

17:00 –  Poster mounting and viewing
17:00 –  Informal meetings WG/TG
18:00 –  Get-Together Party

Monday, March 31, 2014

8:00 – 16:00  Registration

9:00 – 9:10  Opening (Jansen, M.A.K., Gaberščik, A.)

Morning session I
Chair: Marie-Theres Hauser

9:10 – 9:40  Björn, L.O.: Historic perspective on plant UV-B research. (invited lecture)
9:40 – 10:10 Barnes, P. W., Tobler, M. A., Flint, S.D., Ryel, R.J., Keefover-Ring, K., Lindroth, R.L.: Rapid changes in UV-shielding in plants: mechanisms, species patterns and physiological significance. (invited lecture)

WG1
10:10 – 10:40  Strid, Å.: Molecular aspects of regulation by UV-B radiation in plants: Zooming out from UVR8. (invited lecture)
10:40 – 10:55 Jenkins, G.I.: What does UVR8 do and how does it do it?

11:10 – 11:40  Coffee/Tea break

Morning session II
Chair: Åke Strid

WG1


12:10 – 12:25 Vandebussche, F., Tilbrook, K., Fierro, A.C., Marchal, K., Poelma, D., Van Der Straeten, D., Ulm, U.: Photoreceptor control of bending towards UV.


Poster session

Farkas, D., Strid, Å.: The recombinant production and characterization of UVR8 c-terminal peptides 397-423 and 397-440.

13:05 – 14:20 Lunch break

Afternoon session I
Chair: Eva Hideg
WG2


16:05 – 16:35 Coffee/Tea break

Afternoon session II
Chair: Monika Schreiner
WG2
16:35 – 16:45 Schödl-Hummel, K., Hideg, É.: Development of trans-European wine-leaf experiment (Grapevine Ultraviolet Network Meeting Report)

UV-B threshold for the formation of phenolic acids and flavonoid glycosides in *Vitis vinifera*.


17:30 – 17:45 *Czégény, Gy.*, Majer, P., Csepregi, K., Teszlák, P., Jakab, G., Dér, A., Strid, Å., Hideg, É.: ROS specific antioxidant responses to UV. *(STSM 10262 (year2) and STSM 12296 (year3), hosted by Åke Strid at the Örebro University, School of Science and Technology, Örebro, Sweden)*

17:45 – 18:00 *Dáder, B.*, Winters, A., Moreno, A., Fereres, A., Gwynn-Jones, D.: Differences in plant chemistry and crop growth under specific wavelengths of the UV region. *(STSM 12318 (year3) hosted by Dylan Gwynn-Jones at the Institute of Biological, Environmental and Rural Sciences, Aberystwyth, UK)*

*Poster session*

18:00 – 18:15


*Csepregi, K.*, Czégény, Gy., Hideg, É.: Changes in grapevine leaf phenolics and antioxidants in response to a decrease in solar UV – *in situ* experiments with UV filters in the vineyard.

18:30 – 20:00 MC Meeting / free evening for non-MC members

20:15 – Dinner for MC only

**Tuesday, April 1, 2014**

*Morning session I*

Chair: Alan Jones

9:00 – 9:15 *Jansen, M.A.K.*: Submission of the reimbursement claims.

*TG1*

9:15 – 9:45 *Aphalo, P.*: What’s in a name? That which we call UV-B may be something else. *(invited lecture)*

*WG3*


*Poster session*


11.00 – 11:30  Coffee/Tea break

Morning session II
Chair: Javier Martínez Abaigar
WG3
12:30 – 12:45  Martínez-Lüscher, J., Sánchez-Díaz, M., Delrot, S., Aguirreolea, J., Pascual, I., Gomès, E.: UV-B and water availability interact to shape flavonoid profiles through transcriptional regulation. (STSM 11256 and STSM 13350 (year3), hosted by Eric Gomes at the Institute des Sciences de la Vigne et du Vin, Villenave d’Ornon, France)

13.00 – 14:20  Lunch break

Afternoon session I
Chair: Otmar Urban
WG3
14:35 – 14:50  Elfadly, E., Sobelh, W., Moore, J., Paul, N.: Response of pepper plants (*Capsicum annuum* L.) to step-changes in their UV environment.

Poster session
Monforte, L., Hespanhol, H., Soriano, G., Del Castillo, M.A., Núñez-Olivera, E., Martínez-Abaigar, J.: Among- and within-genus variability of the UV-absorption capacity in saxicolous mosses. (STSM 15226 (year4) hosted by Ales Pecinka, Max Planck Institute for Plant Breeding Research (MPIPZ), Cologne, Germany)

Holá, M., Angelis, K.J.: Molecular basis of plant response to UV-B radiation.

Veselá B., Novotná K., Rajsnerová P., Kozáčiková M., Kubásek J., Oravec M., Holub P., Klem K., Urban O. Interactive effects of UV radiation and drought on the accumulation of phenolic compounds and photosynthesis in selected species of the mountain grassland ecosystem.

16:10 – 16:40 Coffee/Tea break

Afternoon session II
Chair: Mateja Germ
TG2
16:30 – 17:00 Rosenqvist, E.: UV in horticulture – how can our research be used? (invited lecture)
17:00 – 17:30 Wargent, J.: UV4Growth & agriculture: turning photobiology into commercial reality. (invited lecture)

Poster session WG3

16:00 – 18:00 Parallel meeting UV4Growth evaluation group

20:00 – Dinner

Wednesday, April 2, 2014

Morning session I
WG4
Chair: Laura Llorens
9:00 – 9:30 Ballaré C. L.: UV radiation as a modulator of plant defense and biogeochemical cycles. (invited lecture)
9:45 – 10:00 Hyryryläinen, A., Huttunen, S., Núñez-Olivera, E., Soriano-Sancha, G., Del-Castillo-Alonso, M.A., Martz, F., Turunen, M.4, Martínez-Abaigar, J.: Effects of solar UVB, temperature and sample processing on phenolic content in Sphagnum lindbergii after 7 years of field experimentation. (STSM 15487 (year4) hosted by Javier Martinez-Abaigar at the University of La Rioja, La Rioja, Spain)
Randriamanana, T., Nissinen, K., Ruuhola, T., Nybakken, L., Julkunen-Titto, R.: Long-term field study with dark-leaved willows reveals that genders differ in their tolerance to UV- and temperature enhancements.


Coffee/Tea break (Informal discussions – ongoing collaborations)


Closing (Jansen, M.A.K.)

Lunch

Afternoon excursion, Škocjanske jame

P* – the poster presentation is 5 minutes per poster and printed version will be displayed. The recommended size of poster is A0 format (841 × 1189 mm or smaller).