



XXI International Congress on Sexual Plant Reproduction

2nd – 6th August 2010
Bristol, UK

Programme and Abstract
Book

Abstracts for poster sessions

PSR8

Dr Evgenii Levites (Institute Cytology and Genetics Siberian Division of the Russian Academy of Sciences)

Effect of Triton X-100 and colchicine on expression of enzyme genes in nongerminated sugarbeet seeds
[PSR8.7]

Dr Evgenii Levites (Institute Cytology and Genetics Siberian Division of the Russian Academy of Sciences)

Effect of Triton X-100 and colchicine on expression of enzyme genes in nongerminated sugarbeet seeds
[PSR8.8]

Miss Katarzyna Gacek (University of Warwick)

Receptor kinase-mediated regulation of seed size in Arabidopsis
[PSR8.9]

Mr Manoj Kumar (Institut de Biologie Moléculaire des Plantes du CNRS Strasbourg)

Nuclear divisions during the syncytial phase of Arabidopsis endosperm development are controlled by B1-type cyclins
[PSR8.10]

Prof Yunhai Li (Institute of Genetics and Developmental Biology, Chinese Academy of Science China)

Control of Final Seed Size in Arabidopsis
[PSR8.11]

Dr Katalin Jäger (Agricultural Institute of the Hungarian Academy of Sciences)

Embryo and endosperm development in wheat (*Triticum aestivum* L.) kernels subjected to drought stress
[PSR8.12]

Miss Eleanor Marshall (University of Warwick)

Co-ordination of embryo and endosperm development in *Arabidopsis thaliana* by small secreted cysteine-rich (SCR) peptides
[PSR8.13]

Mr Alexander Topham (Department of Biology and Biochemistry University of Bath)

The Role and Regulation of the Arabidopsis Imprintome
[PSR8.14]

Dr Sushma Tiwari (Department of Biology and Biochemistry University of Bath)

MATERNALLY EXPRESSED PAB C-TERMINAL (MPC)
[PSR8.15]

PSR9

Dr Kitty Vijverberg (University of Nijmegen)

Characterization of the DIPLOSPOROUS-chromosomal region in *Taraxacum*
[PSR9.8]

Dr Svetlana Kirikovich (Institute Cytology and Genetics Siberian Division of the Russian Academy of Sciences)

Effect of Triton X-100 on expression of enzyme locus Gpi2 in sugarbeet agamosperous progeny
[PSR9.9]

Dr Diego H Hojsgaard (University of Vienna)

Effects of hybridization and polyploidy on the embryo sac development in the apomictic *Ranunculus auricomus* complex
[PSR9.10]

Ms Shanna Ludwig (University of Bristol)

Breeding systems, pollen flow, and continuing evolution in Avon Gorge *Sorbus* (whitebeams, rowans, and service trees)
[PSR9.11]

Miss Glaucia B Cabral (USP - CENA)

Transient gene expression in apomictic *Brachiaria brizantha* via *Agrobacterium*
[PSR9.12]

Dr Fulvio Pupilli (CNR-Institute of Plant Genetics Perugia ITALY)

Identification and characterisation of apomixis-linked genes in *Paspalum* simplex
[PSR9.13]

Dr Jochen Kumlehn (Leibniz Institute of Plant Genetics and Crop Plant Research (IPK) Gatersleben)

Genetic transformation of *Boechera polyantha* (formerly *B. holboellii*) - the way forward to functionally characterize genes involved in apomictic reproduction
[PSR9.14]