

List of the poster presentations at the 7th Workshop on Sulfur in Plants, Warsaw 2008

P1.	<u>A. Rajala</u> ^{1*} , L. Jauhiainen ² and P. Peltonen-Sainio ¹	National survey of S availability for field crops in Finland
P2.	<u>H. Tan</u> , L. Zhou, R. Xie, M. Huang	Study on the sulfur nutrition of the sugarcane and balance of sulfur in soil for sugarcane planting area
P3.	<u>J.R. Howarth</u> , P.B. Barraclough, J.L. Ward, M.H. Beale, M.J. Hawkesford	Effect of S-deficiency on the genetic control of nutrient remobilisation during wheat (<i>Triticum aestivum</i> L.) grain-filling
P4.	<u>E. Nourgholipour</u> , A. Sepehr, M. Feizollah Zadeh Ardabili and Z. Khademi	Replacement of different amounts of sulfur and <i>Thiobacillus</i> inoculant on wheat yield and quality
P5.	P. Ryant ¹ , <u>H. Zimová</u> ^{2,3} , J. Baloun ^{2,3} , O. Kryštofová ³ , V. Adam ^{3,4} , R. Kizek ³	The influence of fertilizers rich in elementary sulfur or sulfate on cadmium accumulation in potatoes (<i>Solanum tuberosum</i>)
P6.	<u>T.C. Curtis</u> ^a , D.S. Mottram ^b , J.S. Elmore ^b , S.J. Powers ^c , P.R. Shewry ^a , N. Muttucumaru ^a , N.G. Halford ^a	Effect of sulphur supply on amino acid accumulation in wheat grain and its implications for acrylamide formation during processing
P7.	<u>A. Podlesna</u> , A. Kocon	THE EFFECT OF SULFUR AND NITROGEN ON YIELD OF WINTER RAPE SEED AND ITS QUALITY
P8.	<u>B. Łata</u> , J. Lewandowska, A. Szczepanik, M. Oleś, M. Błachnio, M. Przeradzka	Distribution of thiol compounds within fruits and vegetables and factors influencing their concentration
P9.	<u>S. Zuchi</u> ^a , S. Cesco ^b , Z. Varanini ^c , R. Pinton ^b , S. Astolfi	Sulfur deprivation limits Fe-deficiency responses in tomato plants
P10.	<u>M.-H. Tseng</u> ^a , M. Shahbaz ^b , A. Koralewska ^b and L.J. De Kok	Impact of copper on growth, sulfate uptake and assimilation in <i>Brassica pekinensis</i>
P11.	<u>H. Zimová</u> ^{1,2} , S. Křížková ¹ , O. Kryštofová ¹ , V. Adam ^{1,3} , M. Galiová ⁴ , J. Kaiser ⁵ , K. Novotný ⁴ , L. Havel ² , R. Kizek ¹	Affecting of plants by silver ions revealed by electrochemical and spectral techniques
P12.	<u>M. Schiavon</u> ^a , G. Agostini ^a , M. Pittarello ^a , F. Dalla Vecchia ^b , P. Pastore ^c , M. Malagoli	Interactions between chromate and sulfate affect growth, photosynthesis and ultrastructure in <i>Brassica juncea</i>
P13.	<u>S. Wojas</u> ^a , S. Clemens ^b , A. Skłodowska ^a , H. Schat ^c , D.M. Antosiewicz	Overexpression of phytochelatin synthase affects sulfur metabolism in tobacco plants both under cadmium and arsenate exposure
P14.	<u>J. Baloun</u> ^{1,2} , D. Húska ^{1,2} , V. Diopan ^{1,2} , V. Adam ^{1,3} , P. Babula ⁴ , L. Havel ¹ , R. Kizek ²	Analysis of phytochelatin and phytochelatin synthase using liquid chromatography with electrochemical detection
P15.	<u>E. Cabannes</u> ^a , P. Buchner ^a , M.R. Broadley ^b , P.J. White ^c , M.J. Hawkesford ^a	Sulphate/selenate transporters in selenium hyper accumulating plant
P16.	<u>M. Watanabe</u> ^a , M. Kusano ^b , A. Oikawa ^b , A. Fukushima ^b , K. Mochida ^b , T. Kato ^c , S. Tabata ^c , M. Noji ^a , N. Yoshimoto ^a , K. Saito ^{a,b}	Cysteine biosynthesis in <i>Arabidopsis</i> : comprehensive study on the functions of <i>Serat</i> and <i>Bsas</i> gene families
P17.	S. Varin ^a , J.B. Cliquet [*] , E. Personeni [*] , <u>J.C. Avice</u> ^a , S. Lemauviel-Lavenant	How does sulphur availability modify N acquisition by White Clover (<i>Trifolium repens</i> L.)?
P18.	<u>I. Stephan</u> , M. Wirtz, R. Hell	Possible connection of sulfur and C2-subunit metabolism by N-terminal acetylation of proteins
P19.	<u>L. Dubousset</u> , <u>M. Abdallah</u> , A.S. Desfeux, Ph. Etienne, <u>F. Meuriot</u> , J. Gombert, R. Segura, M.P. Bataillé, S. Reze, J. Bonnefoy, A.S. Ameline, A. Ourry, F. Le Dily, <u>J.C. Avice</u>	A ³⁴ SO ₄ ²⁻ pulse-chase labeling method to study the S recycling in oilseed rape submitted to SO ₄ ²⁻ deficiency during the rosette stage.
P20.	<u>N. Hockin</u> ^{a,b} , G. Malin ^b , S. Kopriva ^a	Sulphur Metabolism of Marine Phytoplankton: Biochemical Pathway to Climate Cooling

P21.	<u>M. Sieńko</u> , R. Natorff, I. Lewandowska, A. Paszewski	The homocysteine regulon in <i>Aspergillus nidulans</i>
P22.	<u>J. Baloun</u> ^{1,2} , D. Húska ^{1,2} , V. Diopan ^{1,2} , V. Adam ^{1,3} , L. Havel ¹ , H. Vlašínová ¹ , R. Kizek ²	Investigation of inhibition of glutathione biosynthesis at early somatic embryos of Spruce
P23.	L.P. Ambrozevicius, B.D.A. Berdejo, S.A. Gaziola, L.O. Medici, R.S. Almeida, <u>R.A. Azevedo</u>	<i>LL-DAP-aminotransferase</i> and threonine synthase temporal expression in developing quality protein maize seeds
P24.	<u>M. Abdallah</u> , L. Dubousset, P. Etienne, M.P. Bataillé, J. Bonnefoy, J.-C. Avice, A. Ourry and F. Meuriot	Does mineral S availability alter S and ³⁴ S dynamics during vegetative growth of rapeseed?
P25.	<u>W. Pootakham</u> ^{a,b} and A.R. Grossman ^b	Identification and regulation of <i>Chlamydomonas</i> sulfate transporters
P26.	<u>N. Yoshimoto</u> ^{a,b} , E. Inoue ^a , A. Watanabe-Takahashi ^a , K. Saito ^{a,b} , H. Takahashi ^a	Post-transcriptional control of high-affinity sulfate transporters for uptake of sulfate in Arabidopsis roots
P27.	<u>A. Honsel</u> ¹ , C. Herschbach ¹ , M. Kojima ² , H. Sakakibara ² , H. Rennenberg ¹	The influence of sulphur depletion on the expression of sulphur metabolism related genes and on the phytohormone profile of poplars (<i>Populus tremula</i> x <i>P. alba</i>)
P28.	<u>M. Lewandowska</u> ¹ , A. Bajda ² , E. Świeżewska ² , A. Sirko ¹	Influence of short term sulfur starvation on polyprenols level and photosynthesis in tobacco
P29.	<u>D.L. Bouranis</u> ^a , M. Mataranga ^a , Y. Malaganis ^a , L.D. Gomez ^b , E. Flemetakis ^c , S.N. Chorianopoulou ^a , M.J. Hawkesford ^d	Effects of sulfate-deprivation on β-galactosidase, β-glucosidase, pectin-methylesterase, and pectin-acetylerase gene expression in maize root types
P30.	V.F. Siyiannis ^a , V.E. Protonotarios ^a , S.N. Chorianopoulou ^a , B. Zechmann ^b , M. Müller ^b , M.J. Hawkesford ^c , <u>D.L. Bouranis</u> ^a	Effect of sulfate-deprivation on pectins of maize nodal roots
P31.	<u>Y. Ide</u> ^a , T. Fujiwara ^{a,b}	Analysis of mutants with altered responses to sulfur deficiency
P32.	Y. Wu ¹ , L. Gao ¹ , Q. Zhao ¹ , X.-M. Yu ² , P. Fang ² , D. J. Oliver ³ , <u>C.-B. Xiang</u> ¹	Isolation and characterization of low-sulfur tolerant mutants of Arabidopsis
P33.	<u>R. Araki</u> ^{a,b} , Y. Sawada ^b , A. Hirai ^b , A. Suzuki ^b , K. Saito ^{b,c} , M.Y. Hirai ^{b,d}	Gene expression analysis of transcription factors regulating methionine-derived glucosinolate biosynthesis
P34.	<u>H. Frerigmann</u> ^a , B. Berger ^a , T. Gigolashvili ^a and U.I. Flügge ^a	Interaction of MYB and bHLH transcription factors in regulation of glucosinolate biosynthesis
P35.	<u>G. Moniuszko</u> , M. Piecho, D. Gaganidze, J. Kamińska, A. Sirko	Investigating roles of genes induced by a short-term sulfur deficit: localization of UP9-UP9 interactions within tobacco cells
P36.	<u>K. Zientara</u> , M. Lewandowska, F. Liszewska, A. Sirko	Investigating roles of genes induced by a short-term sulfur deficit: preliminary characteristics of UP15 protein
P37.	L.A. Thomas ^a , S. Leung ^a , J. McCallum ^b , <u>M.T. McManus</u> ^a	Control of S assimilation in onion (<i>Allium cepa</i> L.)
P38.	<u>F. Haas</u> ^a , R. Queiroz ^b , M. Schanne ^b , A. Bauer ^b , J. Hoheisel ^b , M. Wirtz ^a and R. Hell ^a	High resolution gene expression analysis of the sulfur-dependent transcriptome in <i>Arabidopsis thaliana</i>