

S6 - Pathogen and insect resistance, biocontrol, crop protection

Underlined poster numbers correspond to Flash Presentations

Poster ID	Title	Authors
P-600	Multiparental mapping of quantitative blackleg resistance in elite Brassica napus	Vollrath P., Geller L., Snowdon R., Obermeier C.
P-601	Genome structural variation associated with disease resistance in Brassica napus	Gabur I, Delourme R, von Tiedemann A, Faure S, Jestin C, Breuer F, Volkmann S, Dyrszka E, Snowdon R, Obermeier C
P-602	Resistance to Leptosphaeria maculans in condiment mustards could be challenged with the deployment of the Rlm6 resistance gene in oilseed rape crops	Bousset L., Ermel M., Delourme R.
P-603	Genetic mapping and identification of a candidate gene BrRLP48 conferring resistance to downy mildew in Brassica rapa	Yu S.,Zhang B., Li P., Su T., Li P., Wang W., Yu Y., Zhang D., Zhao X., Zhang F.
P-604	A repertoire of the genomic regions involved in quantitative resistance to blackleg in winter oilseed rape was established from combined linkage-based QTL and genome wide association mapping	Kumar V., Paillard S., Fopa-Fomeju B., Falentin C., Deniot G., Baron C., Vallée P., Manzanares-Dauleux M.J., Delourme R.
P-605	Mapping of Clubroot Resistance Locus on Chromosome A05 in B. rapa L.	Monakhos S.G., Nguen L.M., Komakhin R.A., Monakhos G.F.
P-606	Transcriptional analysis of the response of Sclerotinia sclerotiorum after exposure to aliphatic and indolic isothiocyanates (ITCs)	Madloo P., Lema M.,Tortora M., Bakhtiarizadeh M.R., Soengas P.
P-607	Exploiting Genome Wide Diversity for disease resistance improvement in oilseed rape	Kumar V., Gabur J., Paillard S., Faure S., von Tiedemann A., Schapper J., Jestin C., Dryzka E., Volkmann S., Breuer F., Snowdon R., Obermeier C., Delourme R.
P-608	Combined linkage and association mapping reveals Br-Vd, a major QTL resistance to Verticillium Wilt in Chinese cabbage	Wang W., Yu S., Su T., Li P., Yu Y., Zhang D., Zhao X., Zhang F.
P-609	An integrative approach to decipher mechanisms underlying quantitative resistance to blackleg in oilseed rape	Gravot A., Levrel A., Vernadet J.-P., Legeai F., Lemoine J., Duffé P., Abu-Ahmad Y., Dutreux F., Aury J.-M., Cruaud C., Lagarrigue-Reboutier M., Lavigne R., Manzanares-Dauleux M., Balesdent M.-H., Rouxel T., Delourme R.
P-610	Novel Approaches to Downy Mildew Resistance in Brassica oleracea	Gomez Gutierrez A.,Yalcin H.A., Schoonbeek H.-J., Strestha S.H.T., Ridout C.
P-611	Genome-Wide Identification of TIR-NBS-LRR Genes Related with Fusarium oxysporum f.sp.conglutinans in Cabbage	Kang J., Liu Z., Xie J., Li H., Wang H., Yu J.

P-612	Identification and functional analysis of late effectors involved in the systemic colonization of oilseed rape (<i>Brassica napus</i>) by <i>Leptosphaeria maculans</i>	Gervais J., Jiquel A., Delourme R., Balesdent M.-H., Rouxel T.
P-613	Understanding major gene-mediated resistance in <i>Brassica napus</i> (oilseed rape) against the apoplastic fungal pathogen, <i>Pyrenopeziza brassicae</i> (light leaf spot)	Karandeni Dewage C S, Stotz H U, Fitt B D L
P-614	Towards identification of novel sources of resistance to phoma stem canker and light leaf spot pathogens in a <i>Brassica napus</i> diversity panel	Mitrousia G. K, Heather Fell H., Ridout C. J., Schoonbeek H.J., Rachel Wells, Volkmann S., Stotz H.U., Fitt B.D.L.
P-615	Characterisation of temperature-sensitivity of <i>Brassica napus</i> resistance against <i>Leptosphaeria maculans</i>	Noel K., Huang Y.J., Qi A., Fitt B.D.L, Stotz H.U.
P-616	Microsatellite/SCAR markers based genetic analysis of winter rapeseed (<i>Brassica napus</i> L.) lines varying in resistance to plasmodiophora brassicae wor infection.	Mikolajczyk K., Nowakowska J., Kopeć P., Jajor E., Perek A., Cugier E., Grynia M., Pawlak D., Majchrzak E., Kawka D., Korbas M., Karłowski W.M., Bartkowiak-Broda I.
P-617	Genetic Analysis of Immune Responses in <i>Brassica</i> Species	Schoonbeek H.-J., Wells R., Ridout C.J.
P-618	Study of white mustard (<i>Sinapis alba</i>) resistance mechanisms against the pollen beetle (<i>Brassicogethes aeneus</i>)	Mercier A.-S. Anne-Sophie Mercier, Faure S., Hervé M.
P-619	The role of <i>Leptosphaeria maculans</i> effectors in suppressing <i>Brassica napus</i> immune responses	Ali A, Stotz H.U.
P-620	A new class of plant virus resistance gene, eukaryotic translation initiation factor 2B-beta (eIF2Bβ), and its natural variation in <i>Brassica</i>	Shopan J., Liu C., Zhou Y., Yang J., Zhang M.
P-621	Metabolite-Based Genome-Wide Association Study to Identify Resistance-Related Genes Against <i>Sclerotinia Sclerotiorum</i> in <i>Brassica napus</i>	Zhang Y., Tang M., He Y., Huang J., Liu Y., Cheng X., Liu J., Liu L., TongC., Liu S
P-622	Infection of <i>Brassica napus</i> at the reproductive growth stage by <i>Leptosphaeria maculans</i> (blackleg): a novel and serious threat in Australia	Sprague S.J., Marcroft S.J., Van De Wouw A.P., Brill R.D.
P-623	Evolution of populations of <i>Leptosphaeria maculans</i>, a fungal pathogen of oilseed rape, under resistance selection pressure: insights from two decades of surveys in France	Balesdent M.-H, Plissonneau C., Carpentier F., Coudard L., Touzeau S., Leflon M., Delourme R., Le Meur L., Rouxel T. .
P-624	Establishment of a LAMP Approach for Detection of <i>Leptosphaeria biglobosa</i>	Shi Z., Wu J. Song P., Hao Li., Huangfu H., Yan M., Haungfu J., Jia X., Li Z.
<u>P-625</u>	Genome-based identification of genes involved in pathogen interactions with <i>Brassica</i> crops	Stotz H.U., Larkan N.J., Haddadi P., M. Borhan M.H., Fitt B.D.L.

<u>P-626</u>	Managing blackleg of canola in Canada-pathogen race dynamics, cultivar resistance and fungicide control	Peng G., Yu F., Soomro W., Hubbard M., Zhai C., Liu X., Lemke E., McGregor L., Fernando D.W.G., McLaren D., Lange R., Kutcher R.H., Hwang S.F., Strelkov S.E. Turkington K.T.
P-627	Hydathodes, the Achille heel of brassica crops for black rot disease agent <i>Xanthomonas campestris</i>	Cerutti A., Jauneau A., Auriac M.-C., Lauber E., Martinez Y., Chiarenza S., Leonhardt E., Routaboul J.-M., Berthomé R., Noël L.
P-628	Coming closer: comparing the precision of <i>Plasmodiophora brassicae</i> detection in soils	Jedryczka M., Ramzi N., Kaczmarek J., Burzynski A.