

Bumble bees transmit Pepino mosaic virus in tomato greenhouses, first in flowers, then fruit, then other plant parts report J. L. Shipp and associates at Agriculture and Agri-Foods Canada at Harrow and Vineland, Ontario, and the Ontario Ministry of Agriculture. (Ann. Appl. Biol. 153:149-155, 2008)

ChpC is the first chromosomal gene of Cmm identified that affects the interaction of Clavibacter michiganensis with the host tomato report I. Stork and associates at Gentechnologie, Germany. (Mol. Plant Pathol. 9:599-608, 2008)

Germinating ascospores of Phaeocryptopus gaeumannii produce appressoria above stomata from which penetration pegs enter needles of Douglas-fir report J. K. Stone and associates at Oregon State University. Other histopathology events are described. (Mycologia 100:431-444, 2008)

Barley mutation romt reveals a basal defense against different pathogens and a tissue-specific function that is different in epidermal and mesophyll tissues of barley to Magnaporthe griseus report N. Zellerhoff and associates at RWTH Aachen University, Germany. (New Phytol. 180:702-710, 2008)

Pathogenicity of Pseudomonas cichorii is hrp-dependent in eggplant but not in lettuce report H. Hojo and associates at Kochi University, Japan. (Microbiology 154:2920-2928, 2008)

Type III RNase catalyzes cleavage and an RNA ligase (not tRNA ligase) promote circularization of Citrus exocortis viroid in arabidopsis report M.-E. Gas and associates at CSIC-UPV, Valencia, Spain. (J. Virol. 82:10321-10325, 2008)

Erwinia carotovora subsp. carotovora causes canker in young plants of different poplar species reports A. Fabi at the University of Tuscia, Italy. (For. Pathol. 38:356-370, 2008)

Aflatoxin production in fungal strains is correlated with glutathione S-transferase expression and can be used to differentiate aflatoxin-producing fungi from nontoxic counterparts report T. Ziglari and associates at Tarbiat Modares University, Pasteur Institute, and University of Tehran, Iran. (Mycopathologia 166:219-226, 2008)

Wheat streak mosaic virus is seedborne, and size-selection is not effective in eliminating infected seed from a seed lot report V. M. Lanoiselet and associates at West Australia Department of Agriculture and Food, NSW Department of Primary Industries, and Charles Stuart University, Australia. (Australas. Plant Pathol. 37:584-588, 2008)

An antimicrobial protein gene CaAMP1 isolated from Capsicum annuum infected with Xanthomonas campestris had broad spectrum antimicrobial resistance to bacterial and fungal infection report S. C. Lee and associates at Korea University. (Plant Physiol. 148:1004-1020, 2008)

Fusarium head blight resistance in wheat cultivar Sumai 3 involves defense pathways regulated by jasmonic acid and ethylene signaling while salicylic acid-regulated systemic acquired resistance is insignificant report G. Li and Y. Yen at South Dakota State University. (Crop Sci. 48:1888-1896, 2008)