

LIST OF PUBLICATIONS

A. Research Publications

1. Pandey, A.K., Yang, C., Zhang, C., Graham, M.A., Hill, J.H., Pedley, K.F and Whitham, S. (2011) Functional analysis of the genes that contribute to *Rpp2*-mediated defense against Asian soybean rust. *Molecular Plant Microbe Interactions*. 24: 196-204.
2. Pandey, A.K., Jain, P., Podila, G.K Tudzynski, B and Davis, M.R. (2009) Cold induced *Botrytis cinerea* enolase (*BcEnol-1*) functions as a transcriptional regulator and is controlled by cAMP. *Molecular Genetics and Genomics*. 281: 135-146.
3. Cseke, L.J., Ravinder, N., Pandey, A.K. and Podila, G.K. (2007) Identification of PTM5 protein interaction partners, a MADS-box gene involved in aspen tree vegetative development. *GENE* 391: 209-222.
4. Pandey, A. K., Holly, W and Podila, G.K. (2007) Functional Genomic Approaches for Mycorrhizal Research. In *Plant Surface Microbiology*, Springer-Verlag, Germany.
5. Huang, H En., Ger, M.J., Ying, C.C., Pandey, A.K., Yip, M. K., Lin, M.K., Chou, H.K and Feng, T. Y. (2007) Disease resistance to bacterial pathogens affected by the amount of ferredoxin-I protein in plants. *Molecular Plant Pathology* 8: 129-137.
6. Reddy, M.S and Pandey, A.K. (2006). Influence of mycorrhizal fungi on the growth and survival of micropropagated forest trees. In: **Current Concepts in Botany** (Eds. K.G. Mukerji and C. Manoharachary) IK International Pvt. Ltd., New Delhi pp 253-265.
7. Reddy, M.S., Hitchin, S., Melayah, D., Pandey, A.K., Raffier, C., Henderson, J., Marmeisse, R and Gay, G. (2006) The auxin-inducible *GH3* homologue *Pp-GH3.16* is down-regulated in *Pinus pinaster* root systems upon ectomycorrhizal symbiosis establishment: **New Phytologist** Volume 170(2):391-400.
8. Pandey, A.K., Ger, M.J., Huang, H En., Yip, M.K., Lin, M.K., Zeng, J and Feng, T.Y. (2005) Expression of the hypersensitive response-assisting protein in Arabidopsis results in harpin dependent hypersensitive cell death in response to *Erwinia carotovora*. **Plant Molecular Biology** Volume 59:771-780.
9. Huang, H.En., Ger, M.J., Yip, M.K., Chen, C Y., Pandey, A.K and Feng, T.Y. (2004) A hypersensitive response was induced by virulent bacteria in transgenic tobacco plants overexpressing a plant ferredoxin-like protein (PFLP). **Physiology and Molecular Plant Pathology** Volume 64:2, 103-110.
10. Reddy, M.S., Pandey, A.K., Melayah, D., Marmeisse, R and Gay, G. (2003) The auxin responsive gene *Pp-C61* is up-regulated in *Pinus pinaster* roots following inoculation with ectomycorrhizal fungi. **Plant Cell and Environment** Volume 26 (5): 681-691.

11. Pandey, A.K., Reddy, M.S and Suryanarayan, T.S. (2003) ITS-RFLP and ITS sequence analysis of foliar endophytic fungus *Phyllosticta* from different tropical trees in India. **Mycological Research** Volume 107(4): 439-444.
12. Garg, R.K, Pandey, A.K., Goyal, D and Sharma, R.K. (1999) Effect of VAM inoculations on the growth of nursery seedlings of *Eucalyptus tereticornis* in different geoclimatic conditions. **Indian Forester** 125 (7): 684-689.