

## Publications of Cell Biology & Molecular Genetics Research

### *Book Chapter:*

Li, Z. T. and D. J. Gray, Genetic engineering technologies, Chap. 19, *In*: R. N. Trigiano and D. J. Gray (Eds.), *Plant Development and Biotechnology*, CRC Press, Boca Raton, 2005, pp. 241-250.

### *Refereed Journal Articles:*

Scorza, R., J. M. Cordts, D. J. Gray, D. Gonzalves, R. L. Emershad and D. W. Ramming, Production of transgenic 'Thompson Seedless' grape (*Vitis vinifera* L.) plants, *J. Amer. Soc. Hort. Sci.* 121, 1996, 616-619.

Li, Z., S. Jayasankar and D. J. Gray, Expression of a bifunctional green fluorescent protein (GFP) fusion marker under the control of three constitutive promoters and enhanced derivatives in transgenic grape (*Vitis vinifera*), *Plant Sci.* 160, 2001, 877-887.

Li, Z., S. Jayasankar and D. J. Gray, An improved enzyme-linked immunoabsorbent assay protocol for the detection of small lytic peptides in transgenic grapevines (*Vitis vinifera*), *Plant Molec. Biol. Repr.* 19, 2001, 341-351.

Jayasankar, S., Z. Li and D. J. Gray, Constitutive expression of *Vitis vinifera* thaumatin-like protein after *in vitro* selection and its role in anthracnose resistance, *Functional Plant Biol.* 30, 2003, 1105-1115.

Li, Z. and D. J. Gray, Effect of five antimicrobial peptides on the growth of *Agrobacterium tumefaciens*, *Escherichia coli* and *Xylella fastidiosa*, *Vitis* 42, 2003, 95-97.

Li, Z. and D. J. Gray, Isolation by improved TAIL-PCR and characterization of a seed-specific 2S albumin gene and its promoter from grape (*Vitis vinifera* L.). *Genome* 48, 2005, 312-320.

Li, Z.T., S. Dhekney, M. Dutt, M. Van Aman, J. Tattersall, K.T. Kelley and D.J. Gray, Optimizing *Agrobacterium*-mediated transformation of grapevine, *In Vitro Cell. Dev. Biol. Plant.* 42, 220-227, 2006.

- Dhekney, S.A., Z.T. Li., M. Van Aman, M. Dutt, J. Tattersall, and D.J. Gray, Genetic transformation of embryogenic cultures and recovery of transgenic plants in *Vitis vinifera*, *Vitis rotundifolia* and *Vitis* hybrids, Proc. 2005 Int. Symp. Biotechnol. Temperate Fruit Crops & Tropical Species, ACTA Hort. 738, 743-748, ISHS 2007.
- Dutt, M., Z.T. Li, K. Kelley, S.A. Dhekney, M. Van Aman, J. Tattersall, and D.J. Gray, Transgenic rootstock protein transmission in grapevines, Proc. 2005 Int. Symp. Biotechnol. Temperate Fruit Crops & Tropical Species, ACTA Hort. 738, 749-753, ISHS 2007.
- Gray, D. J., Z.T. Li, M. Dutt, S. A. Dhekney, M. Van Aman, J. Tattersall and K. T. Kelley, Screening transgenic grapevines for Pierce's disease resistance. 2005 Int. Symp. Biotechnol. Temperate Fruit Crops & Tropical Species, ACTA Hort. 738, ISHS 2007 (in press).
- Li, Z.T., S.A. Dhekney, M. Dutt, M. Van Aman, J. Tattersall, K. Kelley and D.J. Gray, Isolation and characterization of the 2S albumin gene and promoter from grapevine. Proc. 2005 Int. Symp. Biotechnol. Temperate Fruit Crops & Tropical Species, ACTA Hort. 738, 759-765, ISHS 2007.