

## **MSc Plant Genetic Manipulation - Reading List**

In preparation for the MSc in Plant Genetic Manipulation you may wish to do some general background reading. Listed below are some texts that would be useful prior to and during your course.

### **Tissue Culture and Genetic Manipulation**

De Nettancourt, D. (1997) **Incompatibility in Angiosperms**. Sexual Plant Reproduction 10: 185-199.

George, E.F. (1996) **Plant Propagation by Tissue Culture, Part 2: In Practice (2nd Edition)**, Exegetics Ltd., Edington, U.K. pp. 575-1361.

Khachatourians, G.G., McHughen, A., Scorza, R., Nip, W-K. and Hui, Y.H. (2002) **Transgenic Plants and Crops**. Marcel Dekker, Inc., New York, Basel. 876p.

Slater, A., Scott, N.W. and Fowler, M.R. (2003) **Plant Biotechnology: The Genetic Manipulation of Plants** Oxford University Press. 346p.

### **Molecular Biology and Biochemistry**

Buchanan, R. B., Gruissem, W. and Jones, R.L. (2000) **Biochemistry and Molecular Biology of Plants**. American Society of Plant Biologists.

Curtis I.S., Davey M.R. and Power J.B. (1994) Leaf disc transformation. In: **Methods in Molecular Biology** Vol. **44**, *Agrobacterium* Protocols, Gartland K.M.A. and Davey M.R. (eds.), Humana Press Inc., Totowa, NJ. pp. 59-70.

Dale J.W. and von Schantz M. (2002) **From Genes to Genomes: Concepts and Applications of DNA Technology**. John Wiley and Sons, 360p.

Griffiths, A.J.F. *et al.* (2000) **An Introduction to Genetic Analysis** (7th Edition); W.H. Freeman Publishers, New York, 860p.

Howell S.H. (1998) **Molecular Genetics of Plant Development**, Cambridge University Press, 365p.

Hughes, M.A. (1996) **Plant Molecular Genetics**. Addison-Wesley Longman.

Reece R.J. (2004) **Analysis of Genes and Genomes**. John Wiley and Sons, 469p.

Srivastava, L.M. (2002) **Plant Growth and Development**. Academic Press.