**Curriculum Vitae**

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**Education and Professional Research Experience**

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* 2002.9-2005.6, **Ph.D**, Genetics, Plant molecular genetics, State Key Laboratory of Genetic Engineering, Fudan University, Shanghai, China;
* 2003.2-2003.5, Visiting Scholar at Rothamsted Research, UK;
* 1999.9-2002.7, **M.S**., Botany, Plant biochemistry and bioengineering, School of Life Sciences, Southwest University (Formerly Southwest China Normal University), Chongqing, China;
* 2000.9-2002.4, Visiting Undergraduate Student, Plant Molecular Genetics, State Key Laboratory of Plant Genetic Engineering at Fudan University, Shanghai, China;
* 1995.9-1999.7, **B.S**., Biology Education, School of Life Sciences, Southwest University (Formerly Southwest China Normal University), Chongqing, China.

**Selected Awards and Scholarships**

* 2005, Shanghai Outstanding Graduate Award
* 2004, Shanghai Outstanding Graduate Student Award
* 2004, First-class Scholarship for graduate student, Fudan University
* 1999, China National Outstanding Student Award
* 1995-1999, First-class Scholarship, Southwest China Normal University
* 1998, Chongqing Outstanding Undergraduate Award
* 1997, Top Ten Outstanding Student Awards, Southwest China Normal University

**Publications and manuscripts in preparation**

1. **Pang Y.,** Zhao J. and Dixon R.A. (2010). The involvement of epicatechin 3’-*O*-glucoside in proanthocyanidin biosynthesis (In preparation).
2. **Pang Y**., Abeysinghe S.B., Mudith M., He J., and Dixon R.A. (2010). EST analysis and functional characterization of proanthocyanidin biosynthetic pathway genes from the *Exobasidium vexans* infected *Camellia sinensis* (In preparation).
3. **Pang Y**., Wenger J.P., Saathoff K., Peel G.J., Wen J., Huhman D., Allen S.N., Tang Y., Cheng X., Tadege M., Ratet P., Mysore K.S., Sumner L.W., Marks M.D. and Dixon R.A. (2009). A WD40 repeat protein from *Medicago truncatula* is necessary for tissue-specific anthocyanin and proanthocyanidin biosynthesis, but not for trichome development. Plant Physiology, 151, 1114-1129.
4. **Pang Y.**, Peel G.J., Sharma S.B., Tang Y. and Dixon R.A. (2008). A transcript profiling approach reveals an epicatechin-specific glucosyltransferase expressed in the seed coat of *Medicago truncatula.* Proceedings of the National Academy of Sciences USA, 105, 14210-14215.
5. **Pang Y.**, Peel G.J., Wright E., Wang Z., and Dixon R.A.(2007). Early steps in proanthocyanidin biosynthesis in the model legume *Medicago truncatula*. Plant Physiology 145, 601-615.
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9. **Pang Y.**, Yao J., Shen G., Qi H., Tan F., Sun X. and Tang K. (2004). Transgenic tobacco expressing *Lycoris radiata* agglutinin showed enhanced resistance to aphids. Acta Botanica Sinica 46(7): 767-772.
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12. **Pang Y.**, Tan F. and Long Y. (2000). Modification method to purify the flavonoids from *Ginkgo biloba*. Journal of Southwest China Normal University. 25 (1), 70-73 (in Chinese with English abstract).
13. Zhao J., **Pang Y.**and Dixon R. A. (2010) .The mysteries of proanthocyanidin transport and polymerization. Plant Physiology, 153, 437-443 (Review paper)
14. Peel G.J., **Pang Y.,** Modolo L.V. and Dixon R.A. (2008). The LAP1 MYB transcription factor orchestrates anthocyanidin biosynthesis and glycosylation in *Medicago.* Plant Journal 59(1), 136-149.
15. Modolo L.V., **Pang Y.**, Tian L. and Dixon R.A.(2009). Gene discovery and metabolic engineering in the phenylpropanoid pathway. Recent Advances in Polyphenols Research, 1, 113-138 (Review paper).
16. Tian L., **Pang Y.** and Dixon R.A. (2008). Biosynthesis and genetic engineering of proanthocyanidins and (iso)flavonoids. Phytochemistry Reviews 7, 445-465 (Review paper).
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19. Shen G., **Pang Y.**, Wu W., Deng Z., Zhao L., Cao Y., Sun X. and Tang, K. (2006). Molecular cloning and characterization and function identification of a novel tissue-specific flavanone 3-hydroxylase cDNA from *Ginkgo biloba*. Bioscience Reports 26(1): 19-29.
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21. Deng Z., **Pang Y.**, Kong W., Chen Z., Wang X., Liu X., Pi Y., Sun X. and Tang K. (2005). A novel ABA-dependent dehydrin ERD10 gene from *Brassica napus*. DNA Sequence 16(1): 28-35.
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23. Chen Z., **Pang Y.**, Liu X., Wang X., Deng Z., Sun X. and Tang K. (2005). Molecular cloning and characterization of a novel mannose-binding lectin cDNA from *Zantedeschia aethiopica*. Biocell 29(2): 187-193.
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25. Fan Y., **Pang Y.**, Wu W., Yao J., Tang K. and Wu T. (2004). Construction of plant expression vectors containing binary insect resistance gene Cry IA(a)-pta and Cry IA(c)-pta and their expression in transgenic tobaccos. Journal of Shanghai Jiaotong University. 22(1), 1-6 (in Chinese with English abstract).
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29. Tan F., **Pang Y.**, Xiong N. and Deng C. (2000). Introduction, propagation and taxol accumulation in leaves of *Taxus media*. Journal of Southwest China Normal University. 25(4), 448-451 (in Chinese with English abstract).
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40. Liu X., Huang B., Lin J., Fei J., Chen Z., **Pang Y.**, Sun X. and Tang K. (2005). A novel pathogenesis-related protein (SsPR10) from *Solanum surattense* with ribonucleolytic and antimicrobial activity is stress- and pathogen- inducible. Journal of Plant Physiology 163, 546-556.
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