

Yi Li

Professor, Horticultural Plant Biotechnology

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Education

- Ph.D.** (1989): Plant Physiology & Biochemistry, Department of Biology, College of Environmental Science and Forestry, State University of New York, Syracuse, NY, USA.
- B.S.** (1982): Forestry, Department of Forestry, Beijing Forestry College (now Beijing Forestry University), Beijing, China.

Working Experience

- 2007 - Present: Professor, Dept. of Plant Science, University of Connecticut, Storrs, CT.
- 2006 - Present: PI/Director, New England Center for Invasive Plants.
- 2001 - 2007: Associate Professor, Dept. of Plant Science, University of Connecticut, Storrs, CT.
- 1998 - Present: Head, Transgenic Plant Facility, University of Connecticut, Storrs, CT.
- 1998 - 2001: Assistant Professor, Dept. of Plant Science, University of Connecticut, Storrs, CT.
- 1993 - 1998: Assistant Professor, Division of Biology, Kansas State University, Manhattan, KS.
- 1993-1993: Postdoctoral Fellow, Dept. of Biochemistry, University of Missouri, Columbia, MO.

Teaching

- PLSC 3240/5240: Plant Breeding and Biotechnology (lecture, 3 credit, spring, even years).
- PLSC 3250/5250: Plant Gene Transfer Techniques (laboratory, 3 credit, spring, odd years).
- PLSC XXXX: Advanced Plant Physiology (from Fall, 2018).

Research Interests

Technology development

- Development technologies to eliminate transgenes from edible parts of crop plants and to reduce pollen-, seed- and sucker shoot-mediated spread of transgenes;
- Development of technologies to use CRISPR to produce non-transgenic mutants for perennial crop plants such as citrus.
- Development of highly efficient plant transformation methods for recalcitrant plant such as mature citrus tissues;

Breeding new crop plants

- Development of non-transgenic breeding lines of perennial ryegrass for short growth, shade tolerance, low mowing height tolerance, prostrate growth and traffic resistance;
- Development of sterile, non-invasive cultivars of burning bush (*Euonymus alata*).

Publications

- 86) Li, W., Katin-Grazzini, L., Krishnan, S., Thammina, C., El-Tanbouly, R., Yer, H., Merewitz E., Guillard K., Inguagiato J., McAvoy R., Liu, Z., and Y. Li (2016): A Novel Two-Step Method for Screening Shade Tolerant Mutant Plants via Dwarfism. *Frontiers in Plant Science*, 7, 1495. <http://doi.org/10.3389/fpls.2016.01495>
- 85) Li W, Katin-Grazzini L, Krishnan S, et al. A Novel Two-Step Method for Screening Shade Tolerant Mutant Plants via Dwarfism. *Frontiers in Plant Science*. 2016;7:1495. doi:10.3389/fpls.2016.01495.
- 84) Huang R., Ding Q., Xiang Y., Gu T., and Y. Li (2016): Comparative Analysis of DNA Methyltransferase Gene Family in Fungi: A Focus on Basidiomycota. *Front. Plant Sci.*, 21 [http://dx.doi.org/10.3389/fpls.2016.01556
- 83) Jiang Y., Mi X., Lin Y., Wu H., Gu T., Ding J. and Y. Li (2016): Evolution and expression patterns of cytokinin oxidase genes in *Fragaria vesca*. *Scientia Horticulturae*. 212: 115–125
- 82) Li W., Hu W., Fang C., Chen L., Zhuang W., Katin-grazzini L., Mcavoy R., Guillard K. and Li Y. (2016): An AGAMOUS intron-driven cytotoxin leads to flowerless tobacco and produces no detrimental effects on vegetative growth of either tobacco or poplar. *Plant Biotechnology Journal*. <http://onlinelibrary.wiley.com/doi/10.1111/pbi.12581/full>.
- 81) Gu, T., Y. Han, R. Huang R. McAvoy and Y. Li (2016): Identification and characterization of histone lysine methylation modifiers in *Fragaria vesca*. *Scientific Reports*. 6, 23581; doi: 10.1038/srep23581.
- 80) Gu T., S. Ren, Y. Wang, Y. Han and Y. Li (2016) Characterization of DNA methyltransferase and demethylase genes in *Fragaria vesca*. *Molecular Genetics and Genomics*. 291(3):1333-45
- 79) Chen J., C. Thammina, Wei Li, H. Yu, H. Yer, Rania El-Tanbouly, Manon Marron, Lorenzo Katin-Grazzini, Yongqin Chen, John Inguagiato, Richard McAvoy, Karl Guillard, and Xian Zhang and Y. Li (2016): Isolation of prostrate turfgrass mutants via screening of dwarf phenotype and characterization of a perennial ryegrass prostrate mutant. *Horticulture Research* 3, Article number: 16003 doi:10.1038/hortres.2016.3
- 78) Hu W., Li W., Xie S., Fagundez S., McAvoy R., Deng Z. and Li Y. (2016): Kn1 gene overexpression drastically improves genetic transformation efficiencies of citrus cultivars. *Plant cell, Tissue and Organ Culture*. 125: 81–91
- 77) Guan, L., Murphy, A.S., Peer W. A., Lijun Gan L., Li Y. and Cheng Z.M. (2015) Physiological and Molecular Regulation of Adventitious Root Formation, *Critical Reviews in Plant Sciences*, 34:5, 506-521, DOI: 10.1080/07352689.2015.1090831
- 76) Xiong, J.S., Ding J. and Y. Li (2015): Genome-editing technologies and their potential applications in horticultural crop breeding. *Horticulture Research*. 2, 15019; doi:10.1038/hortres.2015.19. www.nature.com/hortres. Open access article
- 75) Ding J., Duan H., Zhao, D., Deng Z., Yi G., Li Y. (2014): Molecular strategies for addressing gene flow concerns over environmental stress tolerant transgenic plants. *Critical Review in Plant Science*. 33:2-3, 265-277.
- 74) Feng GQ, Li Y., & Cheng ZM. (Max) (2014): Plant Molecular and Genomic Responses to Stresses in Projected Future CO2 Environment, *Critical Reviews in Plant Sciences*, 33:2-3, 238-249
- 73) Li, Y. (2013). Gene deleter: a new tool to address gene flow and food safety concerns over transgenic crop plants. *Front. Biol.* (7): 565-576
- 72) Li, Y., Duan, H., Chen, Y., and McAvoy, R. (2012). Gene-deleter technology and its potential applications in addressing gene flow and food safety concerns over transgenic plants. In: *Plant Gene Containment*. pp. 101-112. Oliver, M. J. and Li, Y., Eds., John Wiley & Sons.
- 71) Thammina, C., M. He, L. Lu, K. Cao, H. Yu, Y. Chen, R. McAvoy, D. Ellis, D. Zhao, Y. Wang and Y. Li (2012): Continuous biosynthesis of abscisic acid (ABA) may be required for maintaining

- dormancy of isolated embryos and intact seeds of *Euonymus alatus*. *Plant Cell, Tissue and Organ Culture*. 108: 493-500
- 70) Miao, S. L., Li, Y., Guo, Q., Yu, H., Ding, J., Yu, F., Liu, J., Zhang, X. Dong, M. (March 2012) : Potential Alternatives to Classical Biocontrol: Using Native Agents in Invaded Habitats and Genetically Engineered Sterile Cultivars for Invasive Plant Management. *Tree and Forestry Science and Biotechnology*. Volume 6 Pages: 17-21.
 - 69) Ye, X. V. Busov, N. Zhao, R. Meilan, L. M. McDonnell, H. D. Coleman, S. D. Mansfield, F. Chen, Y. Li, and Z-M Cheng (2011). Transgenic *Populus* trees for forest products, bioenergy, and functional genomics. *Critical Reviews in Plant Sciences*. 30: 415-434.
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 - 67) Li, Y and Duan, H (2011): Molecular approaches for transgene containment and their potential applications in horticultural crops. In: *Transgenic horticultural crops: challenges and opportunities*. Mou. B. and Scorza R. (ed.) CRC Press. 289-299.
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 - 64) Si-Yu Li, James D. Stuart, Yi Li and Richard S. Parnas (2010): 'The feasibility of converting *Cannabis sativa* L. oil into biodiesel" *Bioresource Tech*. 101: 8457-8460.
 - 63) Kausch A, Hague J, Oliver M, Li Y, Daniell H, Mascia P, Watrud L, and C. Neal Stewart, Jr. (2010): Transgenic biofuel feedstocks and strategies for biocontainment. *Biofuels*. 1: 163-176
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 - 61) Hong S. Moon, H. S., Li, Y., and C. Neal Stewart C. N (2009): Keeping the genie in the bottle: transgene biocontainment by excision in pollen. *Trends in Biotechnology*. 28: 3-8.
 - 60) Ye X., Kang B., Osburn L., Y. Li Y., Z. Cheng (2009): Identification of the flavin-dependent monooxygenase-encoding YUCCA gene family in *Populustrichocarpa* and their expression in vegetative tissues and in response to hormone and environmental stresses. *Plant Cell, Tissue and Organ Culture (PCTOC: J. of Plant Biotechnology)* 97: 271-283.
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 - 55) Luo K., H. Duan, D. Zhao, X. Zheng, W. Deng, Y. Chen, R. McAvoy, X. Jiang, Y. Wu, Y. Pei and Y. Li (2007): A highly efficient system to delete all functional transgenes from pollen of tobacco plants. *Acta Horticulturae*. 764: 21-31.

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- 51) Luo K., H. Duan, D. Zhao, X. Zheng, W. Deng, Y. Chen, C. N. Stewart Jr, R. McAvoy, Y. Wu, X. Jiang, A. He, Y. Pei and Y. Li (2007): 'GM-gene-deletor': fused loxP-FRT recognition sequences dramatically improve efficiency of FLP or Cre recombinase on transgene excision from pollen and seed of tobacco plants. *Plant Biotechnology Journal*. 5 (2), 263–374.
- 50) Xiong AS., QH. Yao, RH. Peng, X. Li, HQ. Fan, ZM. Cheng and Y. Li: (2006): A Simple, rapid, PCR-based protocol for synthesis of long, accurate DNA sequences. *Nature Protocols* 1: 791 - 797
- 49) Luo K. W. Deng, Y. Xiao, X. Zheng, Y. Li and Y. Pei (2006): Leaf senescence is delayed in tobacco plants expressing the maize knotted1 gene under the control of a wound-inducible promoter. *Plant Cell Reports*. 25(11):1246-54.
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- 47) Deng W., K. Luo, D. Li, X. Zheng, C. Thammina, Y. Li and Y. Pei: (2006) Overexpression of an *Arabidopsis* magnesium transporter, AtMGT1, in *Nicotiana benthamiana* confers tolerance to aluminum. *Journal of Experimental Botany*. 57: 4235-4243.
- 46) Wang J., X. Yang, Y. Li and P. Elliott (2006): Pollination competition effects on gene-flow estimation: using Regular vs. male sterile bait plants. *Agronomy Journal*. 98:1060-1064.
- 45) Li Y., Z. Cheng, W. Smith, D. Ellis, Y. Chen, L. Lu, R. McAvoy, Y. Pei, W. Deng, C. Thammina, X. Zheng, H. Duan, K. Luo and D. Zhao (2006): Invasive ornamental plants: problems, challenges, and biotech approaches to neutralize their invasiveness. In: *Floriculture, Ornamental and Plant Biotechnology* (1st Edition) Ed. by J.A. Teixeira da Silva, Vol III. Global Science Books, Japan. 399-406.
- 44) Duan, H. Y. Li, Y. Pei, W. Deng, M. Luo, Y. Xiao, K. Luo, L. Lu, W. Smith, R. McAvoy, D. Zhao, X. Zheng and C. Thammina (2006): Auxin, cytokinin and abscisic acid: biosynthetic and catabolic genes and their potential applications in ornamental crops. In: *Plant Biotechnology in Ornamental Horticulture*. Li and Y. Pei (eds). Haworth Press, New York. 679-698.
- 43) Li Y., Z. Cheng, W. Smith, D. Ellis, Y. Chen, L. Lu, R. McAvoy, Y. Pei, W. Deng, C. Thammina, X. Zheng, H. Duan, K. Luo and D. Zhao (2006): Problems and challenges of invasive ornamental plants and molecular tools to control their spread. In: *Plant Biotechnology in Ornamental Horticulture*. Y. Li and Y. Pei (eds). Haworth Press, New York. 289-310.
- 42) Peng RH, QH Yao, AS. Xiong, ZM. Cheng, Y. Li (2006): Codon-modifications and an endoplasmic reticulum-targeting sequence additively enhance expression of an *Aspergillus* phytase gene in transgenic canola. *Plant Cell Reports* 25(2):124-32.
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- X. Zheng, H. Duan, K. Luo and D. Zhao (2006): Problems and Challenges of Invasive Ornamental Plants and Molecular Tools to Control Their Spread. *Journal of Crop Improvement*.17/18: 279-710.
- 39) Chen Y., L. Lu, W. Deng, X. Yang, R. McAvoy, D. Zhao, Y. Pei, K. Luo, H. Duan, W. Smith, C. Thammina, X. Zheng, D. Ellis, Y. Li (2006): In vitro regeneration and Agrobacterium-mediated genetic transformation of *Euonymus alatus* *Plant Cell Reports*. 25(10):1043-51.
 - 38) Khodakovskaya M, R. McAvoy, J. H. Peters, Wu H, Y. Li (2006): Enhanced cold tolerance in transgenic tobacco expressing a chloroplast omega-3 fatty acid desaturase gene under the control of a cold-inducible promoter. *Planta*. 223(5):1090-100.
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 - 34) Xiong A-S, Q.-H. Yao, R.-H. Peng, P.-L. Han, Z.-M. Cheng and Y. Li (2005): High level expression of a recombinant acid phytase gene in *Pichia pastoris*. *Journal of Applied Microbiology* 98, 418-428
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 - 32) Li Y, Z. Cheng, W. Smith, D. Ellis, Y. Chen, X. Zheng, Y. Pei, K. Luo, H. Duan, D. Zhao, Q. Yao (2004): Invasive ornamental plants: problems, challenges and molecular tools to neutralize their invasiveness. *Critical Reviews in Plant Sciences*. 23: 381-389
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 - 28) McAvoy R., M. Khodakovskaya, Y. Li, Y. Wu, and S. Xue (2003): Phenotypic Characterization of *Petunia* Plants Expressing a Indoleacetic Acid (IAA)-lysine Synthetase Transgene Driven by a Shoot Specific Promoter. *Acta Horticulturae* 625: 379-385.
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- 19) Zhang, J-S., Y. Wu, Q. Li, and Y. Li (1998): Molecular cloning and expression pattern of a cDNA from tobacco, Nfbp6, a homologue of the petunia FBP6 floral identity gene. Plant Sexual Reproduction, 11:113-117.
- 18) Strabala, T. J., Y. Wu, and Y. Li (1996): Combinatorial effects of cytokinin and auxin transport inhibitors: alteration of organogenesis and organ development from the shoot apical meristem. Plant and Cell Physiology, 37:1178-1182.
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- 3) Li Y. and D. C. Walton (1990): Violaxanthin is an abscisic acid precursor in dark-grown bean leaves. *Plant Physiology*, 92: 551-559.
- 2) Li Y. and D. C. Walton (1987): Xanthophylls and abscisic acid biosynthesis in water-stressed bean leaves. *Plant Physiology*, 85:910-915.
- 1) Walton D. C., Y. Li, J. Neil, and R. Hogan (1985): Biosynthesis of abscisic acid: a progress report. In *Current Topic in Plant Biochemistry and Physiology* (D.D. Randall, D.G. Blevins and R.L. Larson eds) Columbia, MO, pp 111-117.

Patents

- Li Y.: Transgenic seedless fruit and methods (US Patent No. 6,268,552).
- McAvoy R., M. Khodakovskaya, and Y. Li: Method and composition for increasing branching and flowering response in plants through controlled, endogenous cytokinin regulation (US Patent No. 7741548).
- 2 pending patent applications.

Books

- Li Y. and Y. Pei (2006): *Plant Biotechnology in Ornamental Horticulture*. Haworth Press, New York, USA.
- Oliver M. and Y. Li (2012): *Transgene Containment*. Wiley-Blackwell. Boston, USA.

Grant funding

- Y. Li. (PI). Temporal and spatial control of phytohormone overproduction in transgenic plants, USDA, \$100,000 (1994-1997).
- Y. Li (PI) and Z. Cheng (Co-PI). Genetic improvement of aspen for wood production, DOE/CPBR: \$110,000, (1995-1998).
- Y. Li (PI). Effects of gravity on gene expression in higher plants, NASA, \$303, 563 (1996-1999).
- Y. Li (PI). Temporal and spatial control of phytohormone overproduction in transgenic plants, USDA, \$87,633 (1997-1999).
- Y. Li (PI). Production of seedless watermelons via gene transfer approach, USDA, \$119,629 (1996-1998).
- Y. Li (PI). Genetic improvement of seed productivity of canola, DOE/CPBR, \$120,000 (1999-2001).
- Y. Li (PI) and R. McAvoy (Co-PI). Molecular genetic improvement of Petunia and Chrysanthemum for the Connecticut Floriculture Industry. Connecticut Innovations Program, \$298,921. 2000-2002.
- Y. Li (PI), C. Auer, W.-D. Reiter, and S. vonBodman: A Bench-Top GC/MS for Plant Biology Research. \$97,456. 2000-2001.
- R. McAvoy (PI), Y. Li (Co-PI) and M. Bridgen (Co-PI). Developing unique and commercial valuable ornamental plants through genetic engineering, Connecticut Innovations Program, \$275,000 (2001-2003).
- Y. Li (PI) and R. McAvoy (Co-PI). Controlled removal of transgenes from genetically engineered crops to reduce potentially negative health and environmental implications, Connecticut Innovations Program, \$291,992 (2001-2003).
- Y. Li (PI) and Z. Cheng: Genetic improvement of aspen for biomass production, \$90,000, DOE/CPBR (1999-2003).
- S. von Bodman (PI), R. Gaxiola, Y. Li, L. Silbart, G. Berkowitz: A real-time PCR machine for plant molecular research. USDA. \$20,000.

- Y. Li (S. Geary (PI) and Dr. Silbart (Co-PI): *Mycoplasma hyopneumoniae* edible vaccine from corn seed, a sub-award from USDA with \$100,250 to Y. Li (2003-2005).
- Y. Li (PI) and D. Ellis: Biotech approach to neutralize the potential invasiveness of ornamental plants. USDA, \$160,000 (2003-2006).
- Y. Li (PI): Removal of GM genes from pollen and seed of aspen plants: \$97,000 from CPBR/DOE (2005-2007).
- C. N. Stewart Jr (University of Tennessee), D. Ow (University of California-Berkeley) and Y. Li: Biocontainment via recombination: removal of transgenes from canola pollen. USDA, \$400,000 with \$30,000 to Y. Li (2006-2008).
- T. Bergman and Y. Li: Engineered Microclimates for Enhanced Biomass Production. \$80,000, NSF (2007-2008).
- I. Hart (PI), Y. Li, X. Yang R. Parnas & F. Carstensen: Bioenergy. USDA. 138,890. 2008-2009. \$34,500 to Y. Li.
- Y. Li (PI), M. Musgrave and J. Silander: New England Center for Invasive Plants. USDA \$1,835,000 (5 awards, 2006-2012).
- Y. Li (PI) and R. McAvoy: Field evaluation and refinement of the gene-deletor technology. USDA. \$399,982 (2008-2012).
- M. Musgrave (PI), and Y. Li as one of other 6 Co-PIs: USDA-NNF (National Need Fellowship Grant): From Problems to Resources. An integrated training approach to biologic systems management: \$240,000. (2011-2016).
- S. Suip, R. Parnas (PI) and Y. Li (Co-PI). Bioenergy, DOE. \$1,500,000, with \$385,000 to Y. Li (2010-2012).
- Y. Li (PI): Development of a root sucker repressing gene technology to control sucker-mediated transgene flow from poplar. USDA. \$400,000 (2010-2014).
- Y. Li and R. McAvoy: Development of a Strategy to Create Plants Resistant to Animal Herbivory. Reliance Botanics. \$677,228 (2012-2016).
- Y. Li (PI) and R. McAvoy (Co-PI): Development of plants for animal browsing resistance. Reliance Botanics. \$665,000 (2013-2016).
- Y. Li (PI), Z. Deng and R. McAvoy: Development of Technologies Important for Creation and Commercialization of Transgenic HLB Resistant Citrus. Citrus Research & Development Foundation. \$225,000 (2013-2016).
- Y. Li: Characterization of triploid, non-invasive burning bush. USDA. \$48,000. 2014-2016.
- F. Gmitter, Z. Deng, Y. Li and R. McAvoy: Determining the Roles of Candidate Genes in Citrus-HLB Interactions and Creating HLB-resistant Citrus Cultivars. Y. Li's project: Development of CRISPR technologies for citrus plants (Y. Li project). USDA. \$3.2 million with \$777,980 to Y. Li (2015-2020).
- Y. Li and R. McAvoy: Enhancing genetic transformation efficiency of mature citrus. The Citrus Research & Development Foundation. \$315,000 (2016-2019).

Invited Presentations

- 1) Invited seminar: Biosynthesis of abscisic acid in water-stressed leaves, University of Missouri, Columbia, MO, January 9, 1990.
- 2) Invited seminar: Localized overproduction of cytokinin in transgenic tobacco plants, University of Missouri, Columbia, MO, February 11, 1992.
- 3) Invited seminar: Manipulation of phytohormone contents in transgenic plants. Department of Forestry, North Carolina State University, Raleigh, NC, March 16, 1993.
- 4) Invited seminar: Manipulation of auxin and cytokinin contents in transgenic plants. Division of Biology, Kansas State University, Manhattan, KS, April 22, 1993.

- 5) Invited symposium lecture: Abscisic acid biosynthesis and metabolism in higher plants. In XV International Botanical Congress, Yokohama, Japan; August 30, 1994.
- 6) Invited plenary lecture: Auxin-regulated genes and manipulation of phytohormones in transgenic plants. In International Union of Forestry Research Organization Workshop: Advances in Biotechnology of Woody Plants, Beijing, China, September 5, 1994.
- 7) Invited seminar: "Expression of auxin-regulated genes and auxin mediated physiological responses", Institute of Microbiology, Chinese National Academy of Sciences, Beijing, China, September 7, 1994;
- 8) Invited seminar: Auxin-regulated gene expression and plant gravitropism, Department of Biology, Washington University, St. Louis, MO, May 20, 1994.
- 9) Invited seminar: Manipulation of plant hormone contents in transgenic plants and their potential application in agriculture. Beijing Forestry University, Beijing, China, June 15, 1995.
- 10) Invited seminar: Genetic and molecular dissection of auxin signal transduction pathways in higher plants. Institute of Microbiology, Chinese National Academy, Beijing, China, June 16, 1995.
- 11) Invited seminar: Manipulation of auxin and cytokinin contents in transgenic plants. College of Life Science, --8) Wuhan University, China, June 26, 1995.
- 12) Invited symposium lecture: The effects of gravity on the expression of auxin-regulated gene in transgenic plants. 15th International Conference on Plant Growth Substances. Minneapolis, July 16, 1995.
- 13) Invited seminar: Molecular genetic approaches to auxin and cytokinin action, Department of Biochemistry, Kansas State University, Manhattan, KS, November 6, 1996
- 14) Invited participant and presentation: NASA's International Workshop: "Planning Workshop for Aquatic Research in Space", Woods Hole, MA, May 2, 1996.
- 15) Invited Symposium presentation: Xylem specific manipulation of auxin contents in transgenic plant. Plant Biotechnology Symposium, Washington DC, March, 1997;
- 16) Invited symposium lecture: Transgenic approaches to auxin and cytokinin action, Agricultural Biotechnology Symposium, Storrs, CT, June 18, 1998.
- 17) Invited symposium lecture: Improvement of growth rate and wood productivity of aspen, Plant Biotechnology Symposium, Washington DC, March 12, 1999
- 18) Invited seminar: Molecular and genetic approaches to the effects of auxin and gravity on higher plants, University of Rhode Island, February 18, 1999.
- 19) Invited seminar: Temporal and spatial control of plant hormone concentration in transgenic plants, Department of Animal Science, University of Connecticut, April 8, 1999;
- 20) Invited Workshop Lecture: "Molecular action of auxin: from earth to space". In the section of "New Frontier in Plant and Animal Genetic Research" University of Connecticut College of Agriculture Excellence Committee Workshop, May 21, 1999.
- 21) Invited Presentation: "Plant Biotechnology and Agriculture" 1999 Advisory Broad Meeting of The Department of Connecticut State Department of Agriculture, Hartford, CT, June 21, 1999.
- 22) Invited Symposium Lecture: Manipulation of Endogenous Plant Hormones and Its Applications in Agriculture and Horticulture, US-Sino Symposium on Biotechnology, Xian, China, July 13, 1999.
- 23) Invited Seminar: Plant Gene Transfer and Crop Improvement. Northwest University of Agriculture, Chongqing, China, July 14, 1999.
- 24) Invited Seminar: Manipulation of Plant Hormone Contents and Its Applications in Crop Improvement, Beijing Forestry University, September 24, 1999.
- 25) Invited Seminar: Effects of Gravity and Micro-Gravity on Gene Expression in Higher Plants, Beijing Forestry University, Beijing, China, September 24, 1999.

- 26) Invited Seminar: Temporal and Spatial Control of Hormone Gene Expression and Its Applications in Agriculture, Horticulture and Forestry, Guanxi University, Naning, China, September 27, 1999.
- 27) Invited Seminar: Plant Biotechnology and Agriculture, Guanxi Providential Academy of Agricultural Science, Nanjing, China, September 27, 1999.
- 28) Invited Seminar: Plant Gene Transfer and Crop Improvement, Institute of Botany, Chinese National Academy of Sciences, Kunming, China, September 29, 1999.
- 29) Invited Seminar: Regulations of Plant Hormone Contents and Its Application in Crop Improvement,” Department of Pathobiology, University of Connecticut, Oct 13, 1999.
- 30) Invited Plenary Symposium Lecture: Plant Biotechnology and Its Impact on 21 Century, Second International High-Tech Trade Fair, Shenzhen, China, October 14, 2000.
- 31) Invited Symposium Lecture: Gene-Transfer-Mediated Regulation of Plant Hormone Contents in Transgenic Plants, Nanjing Sino-America Agricultural Biotechnology Symposium 2000, Nanjing, October 11, 2000.
- 32) Invited Seminar: Transgenic Approach to understand plant hormone action, The University of Hong Kong, Hong Kong, October 16, 2000.
- 33) Invited Symposium Lecture: Manipulation of endogenous plant hormone contents and its applications in crop improvement, American Society of Agronomy Annual Meeting’s Sorghum symposium, Minneapolis, November 9, 2000.
- 34) Invited Symposium Lecture: Plant biotechnology and its applications in agricultural and biomedical industries. The 3rd International conference on High Tech, Guanzhou, December 28, 2000.
- 35) Invited Seminar: Gene Transfer Mediated Regulation of Plant Hormone Contents in Transgenic Plants, Zhongshan University, Guanzhou, December 29, 2000.
- 36) Invited seminar: Gene-Transfer-Mediated Regulation of Plant Hormone Contents in Transgenic Plants, Sichuan University, Chendu, January 9, 2001.
- 37) Invited Seminar: Transgenic approach to auxin action: from earth to space. Cornell University, Ithaca, NY, March 2, 2001.
- 38) Invited Seminar: Transgenic plants as bioreactors to produce pharmaceuticals. Biotech Symposium and Business, New York, NY, April 14, 2001.
- 39) Invited Seminar: Manipulation of endogenous plant hormone contents and its applications in crop improvement, Beijing Forestry University, July, 2001
- 40) Invited Workshop Lecture: Genetic manipulation of phytohormones in transgenic plants, Biotech Plant Workshop, Kunming, January 21, 2002.
- 41) Invited symposium Lecture: Gene transfer-mediated manipulation of plant hormones in transgenic plants, International Symposium on Advances in Tree Development & Biotechniques, Beijing, August 16, 2001.
- 42) Invited seminar: Transgenic Approach to understand plant hormone action, China Agricultural University, Beijing, August 18, 2001.
- 43) Invited seminar: Gene transfer-mediated regulation of plant hormone contents in and improvement of horticultural crops. UConn CANR Graduate Research Forum, April, 2002.
- 44) Invited seminar: Gene transfer techniques-mediated improvement of agricultural and horticultural crops, College of Life Sciences, Northwest Agricultural University, Yangling, P. R. China, July 22, 2002.
- 45) Invited seminar: Gene transfer techniques-mediated improvement of horticultural crops, Biotechnology Center, Southwest Agricultural University, Chongqing, P. R. China, July 26, 2002.

- 46) Invited seminar: 1) Plant biotechnology and agriculture; 2) Gene transfer techniques-mediated improvement of agricultural and horticultural crops, College of Life Sciences, Guizhou University, Guiyang, P. R. China, July 31, 2002.
- 47) Invited seminar: College of Science and Technology for Food and Nutrition, China Agricultural University, Beijing, P. R. China, August 7, 2002.
- 48) Invited seminar: Transgenic approaches to auxin action and genetic improvement of horticultural crops. Department of Plant Sciences, University of Tennessee. Knoxville, Tennessee, November 21, 2002
- 49) Invited seminar: Transgenic approaches to improvement of horticultural crops. Department of Horticulture, Clemson University, Clemson, South Carolina, March 14, 2003.
- 50) Invited seminar: "Biotech approach to neutralize invasive plants" New England Invasive Plant Submit Meeting on Sept. 19, 2003
- 51) Invited seminar: Plant Biotechnology Workshop (2003), Chongqing, P. R. China Nov 3-5, 2003
- 52) Invited seminar: China Agriculture University, Beijing, P. R. China Nov 7, 2003
- 53) Invited lecture: Science Day, Connecticut Gardener and the Environment, Falls Village CT, Mar 13, 2004
- 54) Invited seminar: "Controlled removal of transgenes from pollen and seeds of dicot plants." Southwest Agriculture University, Chongqing, P. R. China June 8, 2004
- 55) Invited workshop lecture: "Biotech approach to neutralize invasiveness of exotic ornamental plants." 2004 Biotech Workshop, Annual Meeting of American Society of Horticulture Science, Austin, Texas, July 17-21.
- 56) Invited workshop lecture: "Controlled removal of GM genes from pollen and seeds." 2004 Biotech Workshop, Annual Meeting of American Society of Horticulture Science, Austin, Texas, July 17 -21
- 57) Invited seminar: "Biotech approaches to control undesirable spread of GM genes and invasive plants." USDA Appalachian Fruit Research Station in Kearneysville, West Virginia. September 21, 2004.
- 58) Invited seminar: "Biotech approaches to improve biomass production of poplar and to produce transgene free pollen and seed from transgenic plants: Department of Plant Science, University of Tennessee, April 21, 2006
- 59) Invited seminar: "Biotech approaches to improve biomass production of poplar and to produce transgene free pollen and seed from transgenic plants: The Department of Plant Science, DOE Oak Ridge national Laboratory, Knoxville, Tennessee, April 24, 2006.
- 60) Invited keynote symposium lecture: "GM gene deleter system for production of GM gene free pollen and seed from GM plants." Symposium 10: Plant Biotechnology: From Bench to Commercialization. 27th International Horticultural Congress & International Horticultural Exhibition, Seoul Korea. August 13-19, 2006.
- 61) Invited keynote symposium lecture: "Biotech approach to neutralize invasiveness of exotic plants." Symposium 2: Asian Plants with Unique Horticultural Potential. 27th International Horticultural Congress & International Horticultural Exhibition, Seoul Korea. August 13-19, 2006.
- 62) Invited symposium lecture: Genetic Improvement of Bioenergy crops. Biofuel Symposium: Storrs, CT, USA on January 8, 2007.
- 63) Invited symposium lecture: "GM gene deleter" to delete GM genes from pollen and seed. International Conference on "Plant Transformation Technologies" Vienna, Austria, February 4-7, 2007.
- 64) Invited seminar: "The gene-deleter technology and genetic Improvement of Bioenergy Crops". Monsanto Company, Mystic, CT. May 4, 2007

- 65) Invited seminar: "The 'gene-deletor' technology and genetic Improvement of Bioenergy Crops." Department of Plant, Soil and Insect Sciences. University of Massachusetts, Amherst, MA. May 8, 2007
- 66) Invited symposium: "Biotech approach to neutralize invasiveness of exotic ornamentals". Symposium: Invasion Biology and Management Under Changing Climates, EcoSummit-2007, Beijing, China. May 23, 2007.
- 67) Invited seminar: The 'gene-deletor' technology and genetic improvement of poplar plants." College of Life Sciences, Beijing Forestry University, Beijing, P. R. China. May 24, 2007.
- 68) Invited seminar: The 'gene-deletor' technology." National Laboratory of Agricultural Biotechnology, China Agricultural University, Beijing, P. R. China. May 25, 2007.
- 69) Invited seminar: "The 'gene-deletor' technology." The Ministry of Agriculture of P. R. China. May 28, 2007.
- 70) Invited conference: "Genetic improvement of biomass production and development of the 'gene-deletor' technology for energy crops." Annual Meeting of Northeast Section of American Society of Plant Biologists, Syracuse, NY. June 1, 2007.
- 71) Invited seminar: The 'gene deletor' technology and its potential applications." College of Life Sciences, Sanxia University, Nanchang, Hubei, P. R. China. July 26, 2007.
- 72) Invited seminar: The 'gene-deletor' technology and its potential applications." College of Life Sciences, Hubei University, Wuhan, Hubei, P. R. China. July 27, 2007.
- 73) Invited seminar: The 'gene-deletor' technology and its potential applications." College of Horticultural Sciences, Huazhong Agricultural University, Wuhan, Hubei, P. R. China. July 27, 2007.
- 74) Invited seminar: The 'gene-deletor' technology and its potential applications." National Academy of Agricultural Science, Beijing, China. July 31, 2007.
- 75) Invited symposium lecture: "Two new tools for genetic improvement of cellulosic energy crops: the 'gene-deletor' and "growth promoting' technologies." The Northeast Sun Grant Regional Feedstock Summit. Cornell University, Ithaca, NY. November 11-13, 2007.
- 76) Invited seminar: "The 'gene-deletor' technology and its potential applications." Cornell University's Geneva Experiment Station and USDA Agricultural Research Station, Geneva, NY. November 13, 2007.
- 77) Invited workshop lecture: "The 'gene-deletor': a new tool to address potential invasive and gene flow problems of transgenic bioenergy crops" Plant and Animal Genome XVI Conference. San Diego, California. January 12-16, 2008.
- 78) Invited Mini-Symposium Presentation: " Gene-deletor: a tool to eliminate all transgenes in pollen and seed when their functions are no longer needed or their presence can cause concerns. Mini-Symposium for Plant Biotechnology, Annual Meeting of American Society of Plant Biologists. Merida, Mexico. June 26-July 1, 2008.
- 79) Invited Workshop Lecture: "The newly developed 'gene-deletor' technology and its potential applications in transgenic agriculture." Biotechnology Workshop of Annual Conference of American Society of Horticultural Science: Orlando, FL. July 21-24, 2008.
- 80) Invited Colloquium Lecture: "The 'gene-deletor' technology and mutational breeding techniques in development of non-invasive forms of exotic horticultural crops." Annual Conference of American Society of Horticultural Science. Orlando, FL. July 21-24, 2008
- 81) Invited Keynote Lecture: "The gene deletor technology: a new tool to address concerns over transgenic plants" at the 3rd National Conference on Biosafety: Harbin, China. December 16, 2008.
- 82) Invited Symposium Presentation: "Gene-deletor: a tool to eliminate all transgenes in pollen and seed when their functions are no longer needed or their presence can cause concerns" at the Plant Biotechnology Minisymposium of the Joint Annual Meeting of the American Society of

- Plant Biologists and the Sociedad Mexicana De Bioquimica Rama: Bioquimica y Biologia Molecular de Plantas: Plant Biology. Merida, Mexico. June 26-July 1, 2008.
- 83) Invited Workshop Lecture : “The gene deleter technology.” Invited presentation” at the Connecticut Environment Action Day Workshop. Storrs, CT. October 3, 2008.
 - 84) Invited Colloquium Lecture: “Using the gene deleter technology and breeding techniques to reduce the invasiveness of exotic ornamental crops” at the Colloquium entitled: Impacts of Invasive Plants on the Horticulture Industry in the Biosecurity Age." The American Society of Horticultural Science Annual Conference. Orlando, FL, July 21-24, 2008.
 - 85) Invited Workshop Lecture: “The gene deleter technology and its potential applications in horticultural and bioenergy crops” at the Workshop titled “Emerging Technologies for Biotechnology and Crop Improvement,” the 2008 American Society of Horticultural Science Annual Conference. Orlando, FL, July 21-24, 2008.
 - 86) Invited Seminar: “The gene deleter technology.” The University of Rhode Island, Kingston, RI. August 8, 2008.
 - 87) Invited Seminar: “The gene deleter technology: a new tool to address concerns over transgenic plants.” National Key Laboratory of plant Physiology and Biochemistry, China Agricultural University, Beijing, China. December 22, 2008.
 - 88) Invited Seminar: “The gene deleter technology and its greenhouse and field performance.” Invited seminar presentation. Chinese Academy of Agricultural Sciences, Beijing, China. December 24, 2008.
 - 89) Invited Seminar: “The gene deleter technology and seedless fruit technology: their potential application in fruit crops.” Fruit Research Institute, Chongqing Academy of Agricultural Sciences. Chongqing, China. December 30, 2008.
 - 90) Invited Seminar: “Research in plant science: Some thoughts and suggestions to share with young plant biologists.” College of Life Sciences, Guizhou University, Guiyang, China. January 5, 2009.
 - 91) Invited Seminar: “The gene deleter technology and seedless fruit technology.” Invited seminar presentation. Beijing Forestry University, Beijing, China. January 6, Beijing.
 - 92) Invited Symposium Lecture: “The Gene Deleter Technology: A New Tool to Address Food Safety and Gene Flow Concerns Over Transgenic Crops.” Invited Keynote Presentation for “Plant Transgene Genetics.” Plant and Animal Genome XVII Conference. San Diego, Ca, USA. January 10-14, 2009.
 - 93) Invited Keynote Lecture: “Plant Biotechnology: Successes, Challenges and Promises” for “Distinguished Lecture Series on Science and Technology” sponsored by the Commission of Science and Technology of Guizhou Province, Guiyang, China. March 12, 2009.
 - 94) Invited Panel Member for International Symposium on Market-Based Forest Maturity. Purdue University, IN, USA. April 17, 2009.
 - 95) Invited Keynote Lecture: "The gene deleter technology and a seedless fruit technology: their applications in fruits crops” at The 2009 National Conference on Genetic Improvement of Fruit Crops. Nanjing, China, May 22-23, 2009
 - 96) Invited Symposium: “Two new molecular tools to improvement cellulosic bioenergy crops at URI-UConn Biofuels Symposium, Storrs, CT, USA. May 29-30, 2009.
 - 97) Invited Seminar: The gene deleter technology and its evaluation under field conditions. Institute of Crop Sciences, Chinese Academy of Agricultural Sciences, Beijing, China. July 3, 2009
 - 98) Invited Seminar: The gene deleter technology. College of Life Sciences, China Agricultural University. Beijing, China. July 8, 2009
 - 99) Invited Seminar: The gene deleter and other biotechnologies developed in Li lab. College of Food and Nutrition Sciences, China Agricultural University. Beijing, China. July 9, 2009:

- 100) Invited Seminar: Technologies developed in Yi Li Lab and their potential applications in horticulture and forestry. College of Plant Biotechnology, Beijing Forestry University, Beijing, China. July 10, 2009.
- 101) Invited Seminar: Transgenic technologies and Agriculture. China Agricultural University, Beijing, China. Dec 10, 2009.
- 102) Invited Seminar: Invasive ornamental plants and their strategies to control their spread, Kunming Institute of Forestry, Chinese Academy of Forestry Sciences. Kuming, China. Dec 15, 2009
- 103) Invited Seminar: The gene deleter and other transgenic technologies developed in Li lab. Southwest Forestry University, Kuming, China. Dec 15, 2009.
- 104) Invited Colloquium Lecture: Making Beautiful Plants Non-Invasive. State University of new York-New Paltz - Colloquium Series. New Paltz, NY. February 18, 2010.
- 105) Invited Seminar: Modern breeding technologies for horticultural and bioenergy crop improvement. Graduate School, Northwest Agricultural and Forestry University, Yangling. May 11, 2010
- 106) Invited Keynote lecture: The gene deleter and other technologies developed in Li Lab and their potential applications in bioenergy crops. National Doctoral. Students Forum on Bioenergy, Chengdu, China. May 15, 2010.
- 107) Invited seminar: Tools developed in Li Lab for fruit crop improvement. College of Horticulture, Hunan University, Changsha, Hunan, China. May 22, 2010.
- 108) Invited Symposium Lecture: The gene deleter technology. The First International Symposium on Molecular Strategies for Crop Improvement. Beijing. China. May 29-30, 2010.
- 109) Invited seminar: Gene Guided Plant Mutation Breeding and Its Applications in Fruit Crop Improvement, Chongqing Academy of Agriculture, China. July 3, 2011
- 110) Invited seminar: Genomics Guided Plant Mutation Breeding and Its Applications in Turfgrass Improvement, Guizhou University, China. July 6, 2011.
- 111) Invited seminar: Gene Guided Plant Mutation Breeding and Its Applications in Crop Improvement. College of Horticulture, Hunan University, Changsha, China. July 13, 2011.
- 112) Invited seminar: Gene deleter and other biotechnologies developed in Li Lab for horticultural crop improvement Tools developed in Li Lab for fruit crop improvement. College of Horticulture, Nanjing Agricultural University, China. July 15, 2011.
- 113) Invited Keynote: Genomics Guided Precision Mutation Breeding and Its Application in Horticultural Crop Plants. The Third National Conference of Molecular Biology and Breeding of Fruit Crops. Haikou, China. November 7, 2011.
- 114) Invited seminar: Genomics Guided Precision Mutation Breeding and Its Applications. Nanjing Agricultural University, Nanjing, China. November 8, 2011
- 115) Invited seminar: Genomics Guided Mutational Molecular Breeding and Its Application in Horticultural Crops. Central South University of Forestry & Technology, Changsha, China. November 10, 2011.
- 116) Invited presentation to the City Commission of Agriculture, Nanjing: Some plant biotechnologies developed in Li Lab and their potential applications in Nanjing agriculture. Nanjing, China. March 12, 2012.
- 117) Invited seminar: Molecular Mutational Plant Breeding. Huan Agricultural University, China. March 12, 2012.
- 118) Invited seminar: Genetic Improvement of Crop Plants: Transgenics or Non-Transgenics. Fruit Laboratory, China Agricultural University, China. March 13, 2012.
- 119) Invited seminar: Genetic Improvement of Crop Plants: Transgenics or Non-Transgenics. The Fruit and Forestry Research Institute, Beijing Academy of Agriculture and Forestry, China. March 13, 2012.

- 120) Invited keynote speaker: Genomics-Guided Third Generation Plant Breeding Technologies. The 3rd International Conference on Omics and Biotechnology of Fruit crops, Nanjing, P. R. China Oct 27-29, 2012
- 121) Invited seminar speaker: Crop Improvement: Transgenics or Non-Transgenics? Guandong Academy of Agricultural Sciences, Guangzhou, P. R. China. Dec 12, 2012.
- 122) Invited speaker: The gene deleter technology and its potential applications in the third generation of plant breeding. The First EITA Conference on Agricultural Science and Technology, Biosystems Engineering: Precision Agriculture: Challenges and Future Directions. Cornell University, Ithaca, New York, U.S.A. June 27-28, 2013
- 123) Invited seminar speaker: Plant Improvement: Transgenics or Non-Transgenics? Chinese Academy of Sciences-Jiangsu Institute of Botany, Nanjing, July 8, 2013.
- 124) Invited seminar speaker: Plant Improvement: Transgenics or Non-Transgenics? Chinese National Academy of Forestry, Beijing, July 12, 2013.
- 126) Invited speaker: The gene deleter technology and its field performance. International Symposium on Molecular Biology of Fruit Trees, Wuhan, China, Oct 18-20, 2013.
- 126) Invited Keynote Speaker: Third generation plant breeding technologies and their potential applications in horticultural Crops. The 12th Chinese National Congress for Horticulturists. Chengdu, China, Oct 21, 2013.
- 127) Invited seminar speaker: Plant Improvement: Transgenics or Non-Transgenics? Zhejiang University of Agriculture and Forestry. Oct 30, 2013
- 128) Invited keynote speaker: Third Generation Breeding Technologies? Horticulture Institute, Shanghai Academy of Agricultural Sciences. Shanghai, China. Oct 31, 2013.
- 129) Invited seminar speaker: Basic and safe-guarded gene deleter technology and its performance under field conditions. University of Florida, Gainesville, FL. Feb 26, 2014
- 130) Invited seminar speaker: Basic and safe-guarded gene deleter technology and its performance under field conditions. UF Citrus Research and Education Center, Lake Alfred, FL. Feb 26, 2014.
- 131) Invited lecture: Progress report on the development of plant transformation enhancing technologies and n the genome editing using anthocyanin as the target gene. Hunan Agricultural University, May 19, 2014.
- 132) Invited speaker: New Non-Transgenic Technologies for Horticultural Crop Improvement. National Research Forum for Doctoral Students in Horticulture, Hunan Agricultural University, Changsha, October 10, 2014.
- 133) Invited speaker: Horticultural Crop Improvement: Transgenic or Non-transgenic? The Fifth National Congress of the Chinese Association for Subtropical Fruit Crops. Changsha, October 10-12, 2014.
- 134) Invited speaker: Crop Improvement: Transgenic or Non-transgenic? The 2014 International “Horticulture Research” Conference October 14-18, 2014.
- 135) Invited seminar speaker: Horticultural Crop Improvement: Transgenic vs Modern Non-Transgenic Techniques. Guangxi Institute for Specialty Crop Plants, Guilin, Guangxi, P. R. China, May 13, 2015.
- 136) Invited seminar speaker: Horticultural Crop Improvement: Transgenic vs Modern Non-Transgenic Techniques. Institute of Vegetable Research, Jiangsu Academy of Agricultural Sciences, Nanjing, P. R. China, May 29, 2015.
- 137) Invited presentation: Genetic Improvement of Horticultural Plants: Transgenic or Non-Transgenic? In the Workshop for “Trends in Plant Biotechnology”. Annual meeting of American Society of Horticultural Science, New Orleans, LA, USA, August 4, 2015.

- 138) Invited seminar speaker: Floral bud-specific toxin expression leads to flowerless phenotype with no effect on vegetative growth. The 2014 International “Horticulture Research” Conference, UC-Davis, Ca, October 29-November 2, 2015.
- 139) Invited lecture: Plant breeding technologies and their evolution. In Food Security and Safety Workshop for scientists and governmental staff of developing countries. Nanjing, P. R. China. May 18, 2015,
- 140) Invited presentation: Insights from phylogenetic characterization and manipulation of genes responsible for cytokinin accumulation in higher plants. The 17th Annual Plant Biology Mini-Symposium. University of Maryland, College Park, MD, USA. May 26, 2016.
- 141) Invited presentation: Progresses, challenges, and possible solutions for their application in perennial crops. Northwest Agricultural and Forestry University, Yangling, China, October 15, 2016.
- 142) Keynote lecture: Genome editing technologies: Progresses, challenges, and possible solutions for their application in perennial crops. The First International Apple Symposium, Yangling, China, October 10-16.

Services (Recent or Current)

- Associate Editor for “Plant, Cell, Tissue and Organ Culture” (2010-present).
- Associate Editor for “Horticulture Research” (2013 to present).
- Reviewer for manuscripts for more than 38 journals since 2007.
- Panel member for grant programs for USDA (2008, 2013), US National Academies (2007), Chinese National Science Foundation (2012, 2013, 2014, 2016).
- Ad hoc reviewer for grant proposals for USDA, NSF, DOE, Hongkong Research Foundation and Chinese National Science Foundation.
- Co-organizer and chair of the scientific committee for the First International Horticulture Research Conferences, Nanjing, China, October 14-18, 2014.
- Co-organizer and chair of the scientific committee for the Second International Horticulture Research Conferences, UC-Davis, USA, October 29-November 2, 2015
- Co-chair of the scientific committee for the Third International Horticulture Research Conferences, Nanjing, China, October 16-20, 2016.
- Reviewer for tenure and promotion packages from Swedish University of Agricultural Sciences, University of Minnesota-Twin Cities, University of Tennessee, North Carolina State University, Clemson University, Utah State University and Cornell University.

Other Items

Developed the gene deleter technology that may be used to eliminate all transgenes (marker gene and trait genes) in pollen, seed and/or fruits or other target organs once the functions of transgenes are no longer needed or their presence may cause problems. The gene deleter technology was reported by tens of thousands of news, science and technology websites, newspapers, magazines worldwide in various languages such as English, French, German, Chinese, Japanese, Spanish, Polish, Italian and other languages shortly after its publication.

Developed a transgenic seedless fruit gene technology (1998) that may be used to improve both quality and yield of fruit crop plants. The seedless fruit gene technology was widely reported worldwide in 1998.

Developed a triploid, non-invasive cultivar of burning bush (*Euonymus alatus* 'Compacta') in 2011. Burning bush plant is highly popular (\$40-70 million/year in the US) in North America but also highly invasive because of its prolific seed production. The successful development of non-

invasive burning bush cultivars has been widely reported in the US, Canada and several other countries worldwide. In the US, for instance, USA Today, Boston Global, Baltimore Sun, ABC News, CBS, PBS, NPR, Bloomberg Business Week, and thousands of other national and local TV stations, newspapers, radio stations, magazines and websites reported our success in producing non-invasive form of burning bush. If Gogglng the Associated Press's article ("Invasive 'burning bush' getting genetic makeover") reporting our triploid burning bush in the end of August, 2011, more than 300,000 entries on internet could be seen at that time.

Received "Excellence in Research Award" from College of Agriculture and Natural Resources, University of Connecticut, 2008.

Media Coverage

General search:

- Google: [Yi Li, plant, University of Connecticut](#)
- Google: [Yi Li, burning bush](#)
- Google: [gene deleter](#)
- Google: [李义, 转基因](#)
- Google: [李义, 美国, 教授](#)
- Google: [外源基因清除技术](#)

"Gene-Deletor" Technology: Google "gene-deletor"

- Science and Development: [click here](#) [click here](#)
- Food Law Prof Blog [click here](#)
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