

CURRICULUM VITAE

Personal Information			
Name	Bian yinbing	Gender	male
Position Title		Professor Master's and Doctoral Supervisor	
Working Department		College of Plant Science & Technology	
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Research Interest			
<p>Genetic breeding and biotechnology of edible mushroom</p> <p>Mushroom diseases</p> <p>Molecular biology of edible mushroom virus</p> <p>Lignocelluloses biodegradation of edible mushroom</p>			
Professional Memberships			
<p>Standing director of the Mycological Society of China;</p> <p>Vice-chairman of China Edible Fungi Association;</p> <p>Chairman , Edible Mushroom Association of Hubei Province</p>			
Other Roles			
<ul style="list-style-type: none"> ● Deputy director of the quality supervision and inspection & testing center(Wuhan) for microbial products in Agriculture Ministry of China ● Laboratory director and post expert of China Agriculture Research System ● The editorial board of MYCOSYSTEMA / ACTA EDULIS FUNGI / JOURNAL OF FUNGAI RESEARCH / EDIBLE AND MEDICINAL MUSHROOMS. 			
Education & Working Experience			
Education Experience			
M.Sc.in Plant Pathology, Huazhong Agricultural University,1993;			
Ph.D. in Microbiology, Huazhong Agricultural University,1997;			
Working Experience			
1984-2004, Assistant, Lecturer, Associate Professor ,College of Plant Science &Technology, Huazhong Agricultural University.			
2005-present, Professor of Applied Mycology, College of Plant Science &Technology, Huazhong Agricultural University.			
Publications			



1. Yan Zhou, Lianfu Chen, Xiuzhi Fan, Yinbing Bian*. De Novo Assembly of *Auricularia polytricha* Transcriptome Using Illumina Sequencing for Gene Discovery and SSR Marker Identification. PLOS ONE, 2014,9(3):e91740
2. Wenbing Gong, Rui Xu, Yang Xiao, Yan Zhou, Yinbing Bian Phenotypic evaluation and analysis of important agronomic traits in the hybrid and natural populations of *Lentinula edodes*. Scientia Horticulturae, 2014, 179: 271-276
3. X. T. Cao, Y. B. Bian, Z. Y. Xu. First Report of *Trichoderma oblongisporum* Causing Green Mold Disease on *Lentinula edodes* (shiitake) in China. Plant Disease, 2014, 98(10): 1440
4. G. Z. Wang, M. P. Guo, Y. B. Bian. First Report of *Cladobotryum protrusum* causing Cobweb Disease on the Edible Mushroom *Coprinus comatus*. Plant Disease, 2015, 99(2): 287
5. Gong W B, Bian Y B, Xu R, Xiao Y. Genetic relationship between growth rate, biomass, germination period and mating type of monokaryons in *Lentinula edodes* [J]. Journal of Pure and Applied Microbiology, 2013, 7(2): 863-869.
6. Wen-Bing GONG, Wei LIU, Ying-Ying LU, Yin-Bing BIAN, Yan ZHOU, Hoi Shan KWAN, Man Kit CHEUNG, Yang XIAO*. Constructing a new integrated genetic linkage map and mapping quantitative trait loci for vegetative mycelium growth rate in *Lentinula edodes*. Fungal Biology, 2014, 118: 295-308
7. W. H. Dong, Y. B. Bian. Stipe canker caused by *Trichothecium roseum* on the edible shaggy mane *Coprinus comatus* in China. PLANT DISEASE, 2013, 97(11): 1507 (IF: 2.742)
8. Jie Sun, Yinbing Bian. A new mushroom disease in *Auricularia polytricha*----slippery scar. Mycobiology, 2012, 40(2): 129-133
9. Xiuzhi Fan, Yan Zhou, Yang Xiao, Yinbing Bian. Cloning and characterization of two allelic glyceraldehyde-3-phosphate dehydrogenase genes in *Auricularia auricula-judae*. World J Microbiol Biotechnol, 2014, 30: 181-189
10. XiuZhi Fan, Yan Zhou, Yang Xiao, ZhangYi Xu, YinBing Bian. Cloning, expression and phylogenetic analysis of a divergent laccase multigene family in *Auricularia auricula-judae*. Microbiological Research, 2014, 169: 453-462
11. Xu Z.Y., Meng H., Xiong H., Bian Y. B.*. Biological Characters of Teleomorph and Optimized in Vitro Fruiting Conditions of Medicinal Mushroom, *Wolfiporia extensa* (Higher Basidiomycetes). International Journal of Medical Mushrooms, 2014, 16 (5): 421-429
12. Xu Z.Y., Tang W.R., Xiong B., Wang K.Q., Bian Y.B*. Effect of revulsive cultivation on the yield and quality of newly formed sclerotia in medicinal *Wolfiporia cocos*. Journal of Natural Medicines, 2014, 68: 576-585
13. Xiao Y, Liu W, Dai YH, Fu C, Bian YB. Using SSR markers to evaluate the genetic diversity of *Lentinula edodes*' natural germplasm in China. World J Microbiol Biotechnol, 2010, 26: 527-536 (SCI Journal)
14. Xiao Y, Liu W, Lu YY, Gong WB, Bian YB. Applying target region amplification

polymorphism markers for analyzing genetic diversity of *Lentinula edodes* in China. *J Basic Microbiol*, 2010, 50: 475-483 (SCI Journal)

15. Xiao Y, Dai YH, Lu YY, Liu W, Wang ZR, Bian YB. Development of IRAP-SCAR marker for strain identification in *Lentinula edodes*. *World J Microbiol Biotechnol*, 2011, 27: 1731-1734 (SCI Journal)

16. Li L, Liu W, Bian YB, Xiao Yang*. Development of species-specific primers for identifying *Auricularia auricula-judae* using intergenic spacer 1 (IGS1) sequences. *Afr J Biotechnol*, 2011, 10: 15494-15500 (SCI Journal)

17. Li L, Fan XZ, Liu W, Xiao Y, Bian YB. Comparative analysis on the diversity of *Auricularia auricula-judae* by physiological characteristics, somatic incompatibility and TRAP fingerprinting. *World J Microbiol Biotechnol*, 2011, 27: 2081-2093 (SCI Journal)(IF:1.214)

18. Tang LH, Xiao Y, Li L, Guo Q, Bian YB. Analysis of genetic diversity among Chinese *Auricularia auricula* cultivars using combined inter-simple sequence repeat (ISSR) and sequence-related amplified polymorphism (SRAP) markers. *Curr Microbiol*, 2010, 61: 132-140 (SCI Journal)

19. Mahmudul Islam Nazrul, Bian Yin-Bing. ISSR as New Markers for Identification of Homokaryotic Protoclones of *Agaricus bisporus*. *Curr Microbiol*, 2010, 60: 92-98 (SCI Journal)

20. Mahmudul Islam Nazrul, Fan Xiao-Lin, Bian Yin-Bing. Screening of homokaryotic protoclones of *Agaricus bisporus* by colony characters and ISSR markers. *Bangladesh J. Bot.* 2010, 39(1): 111-114

21. Mahmudul Islam Nazrul, Bian Yin-Bing. Differentiation of homokaryons and heterokaryons of *Agaricus bisporus* with inter-simple sequence repeat markers. *Microbiol Res*, 2011, 166: 226-236 (SCI Journal)

22. Mahmudul Islam Nazrul, Bian Yin-Bing. Efficiency of RAPD and ISSR Markers in Differentiation of Homo- and Heterokaryotic Protoclones of *Agaricus bisporus*. *J Microbiol. Biotechnol.* 2010, 20(4): 683-692 (SCI Journal)

23. Qiao-ling Xiong, Zeng-tao Xing, Zhiyong Feng, Qi Tan, Yin-bing Bian. Effect of ⁶⁰Co γ -irradiation on postharvest quality and selected enzyme activities of *Pleurotus nebrodensis*. *LWT - Food Science and Technology*. 2009, 42(1): 157-161 (SCI Journal)

Additional Information

