

Chenmin Yang

Educational Background

Department of Biology, Northeast Normal University, P.R.China (Biology)

Professional Experience

2004-present: Research specialist, Forest Biotechnology Group, NCSU.

2000-2002: Research Scientist, 305 group, Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, China

1995-2000: Research associate, Institute of applied Microbiology of Heilongjiang Academy of Sciences, China

1990-1995: Research assistant, Institute of applied Microbiology of Heilongjiang Academy of Sciences, China

Biological Experiment Skill

Plant tissue culture and transformation;

Plant DNA/RNA extraction; PCR; Gene cloning; Real time RT-PCR; Plasmid vector construction.

Wood chemistry analysis.

Isolation and fermentation of Fungus, Yeast and Bacterium.

Fungus polysaccharide purification and function analysis; Immobilization of amylase.

Publications

Yin, W., Zhan F., Shi R., **Yang C.**, Hu Z. 2002 The Sequence of the Chloroplast Gene for the ATPase Beta Subunit (*atpB*) from *Populus tomentosa*. Journal of plant physiology and molecular biology 28(6): 493-494

Shi R., **Yang C.**, Zhou y., Cheng Z., Hu Z. 2000. The sequence of chloroplast gene *psbA* from *Lactuca sativa*. Acta Phytophysiologica Sinica. 28(4): 312

Yang C., Tian J., Gu J. 2000. Application of Weimeisu purified from fermented soybean dregs in feed additive for fish. Heilongjiang fisherles, 2:31

Shi R., **Yang C.** 2000 Vitality detection of yeast preserved by different method. Natural

- science journal of Harbin normal university, 2000, 16(1):78-81
- Yang C.**, Gu J. 1999 Identification and fermentation of PSB isolated from polluted waters of Harbin. Natural science journal of Harbin normal university, 15(6):95-98
- Yu L., Zou B., Li X., Gu J., **Yang C.**, 1998 The effects of fungus polysaccharide to mouse peritoneal macrophage immunologic function. Biotechnology 18(2):38-40
- Yang C.**, Gu J., Wang R. 1997 Application of Activated soybean dregs in feeding of hen. Feed industry , 9: 26-27
- Gu J., **Yang C.** 1995 Study on immobilization of amylase from *Bacillus amyloliquus faciens*. Biotechnology , 5(5): 30-32
- Yang C.**, Gu J., Wan R. 1994 Study on activated soybean dregs by fermentation. Biotechnology (Chinese) 4(5): 27-30
- Gu J., Wang R., **Yang C.** 1992 The production technique of Munghurt, A Yoghurt-like Mung Bean product. Biotechnology 2(6): 31-33
- Wang B., Wang R., **Yang C.** 1991 Producing Wheat Blossom Beer with Immobilization technique. Biotechnology 1(6):39-41
- Wang R., Wang B., Wu G., **Yang C.** 1991 Study on the fermentation conditions of producing Weimeisu by *Eremothecium Ashbyii* guill. Biotechnology 1(1): 29-33

Patent:

Hu zanmin, Shi Rui, **Yang chenmin**, Chen Zhenghua: Methods of lettuce's chloroplast transformation and lettuce chloroplast DNA fragment for construction of site directed vector for chloroplast transformation. State intellectual property office of the People Republic of China. Patent number: 1393562, Publication date: 2003.01.29