

Resume

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Education :

1986.9—1992.6 Shanghai 2nd Medical University, Shanghai, CHINA
1992.6 M.D. degree

1995.3—2000.3 Hamamatsu Medical University, Shizuoka, JAPAN
2000.3 Ph.D. degree

Professional Experience :

1992.7—1995.2 Shanghai 7th People's Hospital, Shanghai, CHINA.
Physician

2000.3—2004.4 Washington University School of Medicine, St. Louis, MO, USA.
Research Associate

2004.7— present Shanghai 9th People's Hospital, Shanghai Jiao Tong University
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Zhang graduated from Shanghai Jiao Tong University School of Medicine and got his M.D. degree in 1992. He did his Ph.D. in Japan and took four years of post-doc training at Washington University School of Medicine in St. Louis. He worked with Dr. Kyunghye CHOI on the early development of hematopoietic and endothelial cells utilizing an in vitro differentiation model of embryonic stem (ES) cells. He returned to China in 2004, and is now working on the stem cells, including embryonic stem cells and

adult stem cells. The goal of current work is to provide seed cells (such as endothelial cells, chondrocytes) from differentiated stem cells for tissue engineering.

Publications :

1. Zhang YQ*, Zhang WJ*, Lui W, Zhou GD, Cui L, Cao Y. Tissue engineering of corneal stroma layer with dermal fibroblasts: phenotypic and functional switch of differentiated cells in cornea. *Tissue Eng Part A*. 2008; 14(2):295-303. *Equal contributors.
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3. Zhang WJ, Lui W, Cui L, Cao Y. Tissue engineering of blood vessel. *J Cell Mol Med*. 2007;11(5):945-57.
4. Liu X, Zhou G, Liu W, Zhang W, Cui L, Cao Y. In vitro formation of lacuna structure by human dermal fibroblasts co-cultured with porcine chondrocytes on a 3D biodegradable scaffold. *Biotechnol Lett*. 2007;29(11):1685-1690.
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6. Cui L, Yin S, Liu W, Li N, Zhang W, Cao Y. Expanded adipose-derived stem cells suppress mixed lymphocyte reaction by secretion of prostaglandin E2. *Tissue Eng*. 2007;13:1185-95.
7. Yuan J, Cui L, Zhang WJ, Liu W, Cao Y. Repair of canine mandibular bone defects with bone marrow stromal cells and porous β -tricalcium phosphate. *Biomaterial*. 2007;28:1005-13.
8. Wu CF*, Tsung HC*, Zhang WJ*, Wang Y, Lu JH, Tang ZY, Kuang YP, Jin W, Cui L, Liu W, Cao YL. Improved cryopreservation of human embryonic stem cells with trehalose. *Reproductive Biomedicine Online*. 2005, 11(6): 733-739. *Equal contributors.

9. Zhang WJ, Park C, Arentson E, et al. Modulation of hematopoietic and endothelial cell differentiation from mouse embryonic stem cells by different culture conditions. *Blood*. 2005; 105: 111-4.
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