

Education

M.D., The Fourth Military Medical University
Xi'An, Shaanxi Province, People's Republic of China. Aug 1987 ~ Jul 1993.

M.S., Department of Pathology, The Fourth Military Medical University
Xi'An, Shaanxi Province, P. R. China. Aug 1993 ~ Jul 1996.

Ph.D., Department of Pathology, The Fourth Military Medical University
Xi'An, Shaanxi Province, P. R. China. Aug 1996 ~ Jul 1999.

Employment

Assistant professor, Department of Pathology, Xijing Hospital, The Fourth Military Medical University, Xi'An, P.R. China. Aug 1999 ~ Jan 2003.

Postdoctoral fellow, Department of Pathology and Cell Biology, University of South Florida College of Medicine, Tampa, Florida. Jan 2003 ~ Sep 2005.

Research Associate (Adjunct Faculty), Department of OB/GYN, University of South Florida College of Medicine, Tampa, Florida. Sep 2005 ~ Jun 2008.

Pathology resident, Department of Pathology and Cell Biology, University of South Florida College of Medicine, Tampa, Florida. Jul 2008 ~ present

Publications

1. Zhang X, Merkler KA and McLean MP. Characterization of regulatory intronic and exonic sequences involved in alternative splicing of scavenger receptor class B gene. *Biochem Biophys Res Commun*. 2008. 372(1):173-178.
2. Zhang X, Moor AN, Merkler KA, Liu Q and McLean MP. Regulation of alternative splicing of liver Scavenger Receptor Class B Gene by estrogen and the involved regulatory splicing factors. *Endocrinology*. 2007. 148(11):5295-5304.
3. Liu Q, Merkler KA, Zhang X and McLean MP. Prostaglandin F2 α suppresses rat steroidogenic acute regulatory protein expression via induction of Ying Yang 1 protein and recruitment of Histone Deacetylase 1 protein. *Endocrinology*. 2007. 148(11):5209-5219.
4. Bao J, Cao C, Zhang X, Jiang F, Nicosia SV, Bai W. Suppression of APP signaling into nucleus by estrogens mediated through the complex formation between the estrogen receptor and Fe65. *Mol Cell Biol*. 2007. 27(4):1321-33
5. Zhang X, Nicosia SV, Bai W. Vitamin D Receptor is a Novel Drug Target for Ovarian Cancer Prevention and Treatment. *Current Cancer Drug Target*. 2006. 6(3):229-44.
6. Zhang X, Li P, Bao J, Nicosia SV, Enkemann, SE and Bai, W. Suppression of death receptor-mediated apoptosis by 1,25-dihydroxyvitamin D3 revealed by microarray analysis. *J Biol Chem*. 2005. 280 (42): 35458-35468
7. Zhang X, Jiang F, Li P, Li C, Ma Q, Nicosia SV and Bai W. Growth suppression of ovarian cancer xenografts in nude mice by vitamin D analog EB1089. *Clinical Cancer Research*. 2005. 11: 323-328
8. Zhang X, Li Q, Hu P, Cheng H and Huang G. Case reports of pituitary adenoma in association with toxoplasma gondii infection. *Journal of Clinical Pathology*. 2002. 55:965-966
9. Huang G, Yan Q, Wang Z, Chen X, Zhang X, Guo Y and Li J. Human cytomegalovirus in neoplastic cells of Epstein-Barr virus negative Hodgkin's disease. *International Journal of Oncology*. 2002, 21: 31-36
10. Li Q, Wang W, Zhang X, Yan W. Expression of hsMAD2 in Human Hepatocellular carcinoma and its significance. *World Chinese Journal of Digestology*. 2003, 11(9):1326-1328. (Chinese)

11. Zhang X, Huang G, Xie X and Li Q. Analysis of expression of mitosis checkpoint gene hsMAD2 in acute leukemia. *Journal of Fourth Military Medical University*. 2002, 23(17): 1570-1573. (Chinese)
12. Zhang X and Huang G. Apoptosis of leukemia cell line HL-60 induced by cell mitosis inhibitor nocodazole. *Journal of Fourth Military Medical University*. 2001, 22(20): 1855-1858. (Chinese)
13. Zhang X, Wang W and Huang G. The relationships between expression of p21/WAF1 and p53 and between p21/WAF1 and PCNA in tissues of hepatocellular carcinoma and in liver cirrhosis. *Journal of Fourth Military Medical University*. 1998, 19(6): 658-660. (Chinese)
14. Zhang X, Wang W and Huang G. The expression of p21/WAF1 and its significance in hepatocellular carcinoma. *National Medical Journal of China*. 1998, 78(1):74-76. (Chinese)

Abstracts and Presentations

1. McLean M, Kuzmenok O, Zhang X, Bravo R and Szekeres C. Prostaglandin F2alpha via Yin Yang-1 suppresses Steroidogenic Acute Regulatory protein intracellular cholesterol transport while maintaining scavenger receptor class B type I cell surface expression in luteal cells. The 41st Annual Meeting, Society for the Study of Reproduction. May 2008.
2. McLean M and Zhang X. Splicing factors and Regulatory Intronic and Exonic Sequences Involved in Estrogen Regulated Alternative Splicing of Scavenger Receptor Class B Gene. The Endocrine Society Annual Meeting. June 2008.
3. Zhang X, Moor AN, Merkler KA, Liu Q and McLean MP. Regulation of alternative splicing of liver Scavenger Receptor Class B gene by estrogen and the involved regulatory splicing factors. Experimental Biology 2007 Annual Meeting. Washington D. C. Apr 28-May 2, 2007
4. Liu Q, Merkler KA, Zhang X and McLean MP. Transcription factor Yin Yang 1 mediates prostaglandin F2alpha suppression of steroidogenic acute regulatory protein expression via selective promoter site binding in vivo. Experimental Biology 2007 Annual Meeting. Washington D. C. May, 2007
5. Zhang X, Li P, Li C, Nicosia SV and Bai W. Suppression of death receptor-mediated apoptosis in ovarian cancer cells by 1,25-dihydroxyvitamin D3 revealed by microarray. 2004 Annual meeting of American Association for Cancer Research. Mar 27-31, 2004. Orlando, FL.
6. Zhang X, Fu W, Wu J, Nicosia SV and Bai W. 1,25-Dihydroxyvitamin D3 suppresses ovarian cancer cell growth through transcriptional down regulation of epidermal growth factor receptor. Research Day, Health Sciences Center, University of South Florida. Feb 24, 2005. Tampa, FL.
7. Zhang X, Li P, Li C, Nicosia SV and Bai W. Suppression of death receptor-mediated apoptosis in ovarian cancer cells by 1,25-dihydroxyvitamin D3 revealed by microarray. Research Day, Health Sciences Center, University of South Florida. Feb 26, 2004. Tampa, FL.