



## 科学研究

### 主要研究成果 — 历年发表论文

- 研究特色
  - 重点研究方向
  - 主要研究成果
    - 最新成果
    - 代表性论文
    - 历年发表论文
    - 知产成果
- 基础研究部
  - 研究部简介
  - 研究组介绍
- 医学研究部
  - 研究部简介
  - 研究组介绍
- 转化研究体系
- 干细胞生物学重点实验室
- 所级科研基金

2013年	2012年	2011年	2010年	2009年	2008年	2007年	2006年	2005年	2004年	2003年	2002年
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

1. \*\*Xu G, Nie H, Li N, Zheng W, Zhang D, Feng G, Ni L, Xu R, Hong J, **Zhang JZ**. Role of osteopontin in amplification and perpetuation of rheumatoid synovitis. *J Clin Invest*. 2005 Apr;115(4):1060-7.
2. \*\*Jankovic J, Chen S, **Le WD**. The role of Nurr1 in the development of dopaminergic neurons and Parkinson's disease. *Prog Neurobiol*. 2005 Sep-Oct;77(1-2):128-38.
3. \*\***Zhang J**, Hutton G. Role of magnetic resonance imaging and immunotherapy in treating multiple sclerosis. *Annu Rev Med*. 2005;56:273-302.
4. \*\*Hong J, Li N, Zhang X, Zheng B, **Zhang JZ**. Induction of CD4+CD25+ regulatory T cells by copolymer-I through activation of transcription factor Foxp3. *Proc Natl Acad Sci U S A*. 2005 May 3;102(18):6449-54.
5. \*\*Zheng PZ, Wang KK, Zhang QY, Huang QH, Du YZ, Zhang QH, Xiao DK, Shen SH, Imbeaud S, Eveno E, Zhao CJ, Chen YL, Fan HY, Waxman S, Auffray C, **Jin G**, Chen SJ, Chen Z, **Zhang J**. Systems analysis of transcriptome and proteome in retinoic acid/arsenic trioxide-induced cell differentiation/apoptosis of promyelocytic leukemia. *Proc Natl Acad Sci U S A*. 2005 May 24;102(21):7653-8.
6. \*Song MG, Gao SM, Du KM, Xu M, Yu Y, Zhou YH, Wang Q, Chen Z, Zhu YS, **Chen GQ**. Nanomolar concentration of NSC606985, a camptothecin analog, induces leukemic-cell apoptosis through protein kinase Cdelta-dependent mechanisms. *Blood*. 2005 May 1;105(9):3714-21.
7. \*Jiang Y, Xue ZH, Shen WZ, Du KM, Yan H, Yu Y, Peng ZG, Song MG, Tong JH, Chen Z, Huang Y, Lubbert M, **Chen GQ**. Desferrioxamine induces leukemic cell differentiation potentially by hypoxia-inducible factor-1 alpha that augments transcriptional activity of CCAAT/enhancer-binding protein-alpha. *Leukemia*. 2005 Jul;19(7):1239-47.
8. \*Sun XJ, Wei J, Wu XY, Hu M, Wang L, Wang HH, Zhang QH, Chen SJ, Huang QH, **Chen Z**. Identification and characterization of a novel human histone H3 lysine 36-specific methyltransferase. *J Biol Chem*. 2005 Oct 21;280(42):35261-71.
9. \*Zhao KW, Li D, Zhao Q, Huang Y, Silverman RH, Sims PJ, **Chen GQ**. Interferon-alpha-induced expression of phospholipid scramblase 1 through STAT1 requires the sequential activation of protein kinase Cdelta and JNK. *J Biol Chem*. 2005 Dec 30;280(52):42707-14.
10. Luo H, Liu X, Wang F, Huang Q, Shen S, Wang L, Xu G, Sun X, Kong H, Gu M, Chen S, Chen Z, **Wang Z**. Disruption of palladin results in neural tube closure defects in mice. *Mol Cell Neurosci*. 2005 Aug;29(4):507-15.
11. Luo Q, Ding Y, Watson K, **Zhang J, Fan GH**. N-methyl-D-aspartate attenuates CXCR2-mediated neuroprotection through enhancing the receptor phosphorylation and blocking the receptor recycling. *Mol Pharmacol*. 2005 Aug;68(2):528-37.
12. Yan H, Peng ZG, Wu YL, Jiang Y, Yu Y, Huang Y, Zhu YS, Zhao Q, **Chen GQ**. Hypoxia-simulating agents and selective stimulation of arsenic trioxide-induced growth arrest and cell differentiation in acute promyelocytic leukemic cells. *Haematologica*. 2005 Dec;90(12):1607-16.
13. Du F, Li R, Huang Y, Li X, **Le W**. Dopamine D3 receptor-preferring agonists induce neurotrophic effects on mesencephalic dopamine neurons. *Eur J Neurosci*. 2005 Nov;22(10):2422-30.
14. Guo TB, Lu J, Li T, Lu Z, **Xu G, Xu M, Lu L, Dai W**. Insulin-activated, K+-channel-sensitive Akt pathway is primary mediator of ML-1 cell proliferation. *Am J Physiol Cell Physiol*. 2005 Aug;289(2):C257-63.
15. Sun W, Nie H, Li N, Zang YC, Zhang D, Feng G, Ni L, Xu R, Prasad S, Robinson RR, Ho W, Sercarz E, **Zhang JZ**. Skewed T-cell receptor BV14 and BV16 expression and shared CDR3 sequence and common sequence motifs in synovial T cells of rheumatoid arthritis. *Genes Immun*. 2005 May;6(3):248-61.
16. Xie Y, Zhu Y, Zhu WZ, Chen L, Zhou ZN, Yuan WJ, **Yang HT**. Role of dual-site phospholamban phosphorylation in intermittent

hypoxia-induced cardioprotection against ischemia-reperfusion injury. *Am J Physiol Heart Circ Physiol*. 2005 Jun;288(6):H2594-602.

17. Zeng LC, Han ZG, **Ma WJ**. Elucidation of subfamily segregation and intramolecular coevolution of the olfactomedin-like proteins by comprehensive phylogenetic analysis and gene expression pattern assessment. *FEBS Lett*. 2005 Oct 24;579(25):5443-53.
18. Fu GH, Wang Y, Xi YH, Guo ZW, Liu XB, Bai SZ, Yang BF, **Chen GQ**. As2O3 enhances the anion transport activity of band 3 and the action is related with the C-terminal 16 residues of the protein(dagger). *J Drug Target*. 2005 May;13(4):235-43.
19. Wang G, Qi C, **Fan GH**, Zhou HY, **Chen SD**. PACAP protects neuronal differentiated PC12 cells against the neurotoxicity induced by a mitochondrial complex I inhibitor, rotenone. *FEBS Lett*. 2005 Jul 18;579(18):4005-11.
20. Liu X, Fan XL, Zhao Y, Luo GR, Li XP, Li R, **Le WD**. Estrogen provides neuroprotection against activated microglia-induced dopaminergic neuronal injury through both estrogen receptor-alpha and estrogen receptor-beta in microglia. *J Neurosci Res*. 2005 Sep 1;81(5):653-65.
21. Fan GH, Qi C, **Chen SD**. Heat shock proteins reduce toxicity of 1-methyl-4-phenylpyridinium ion in SK-N-SH cells. *J Neurosci Res*. 2005 Nov 15;82(4):551-62.
22. Ma G, **Chen S**, Wang X, Ba M, Yang H, Lu G. Short-term interleukin-1(beta) increases the release of secreted APP(alpha) via MEK1/2-dependent and JNK-dependent alpha-secretase cleavage in neuroglioma U251 cells. *J Neurosci Res*. 2005 Jun 1;80(5):683-92.
23. Ye L, Li X, **Kong X**, Wang W, Bi Y, Hu L, Cui B, Li X, Ning G. Hypomethylation in the promoter region of POMC gene correlates with ectopic overexpression in thymic carcinoids. *J Endocrinol*. 2005 May;185(2):337-43.
24. Lu Y, Yu Y, Zhu Z, Xu H, Ji J, Bu L, Liu B, Jiang H, Lin Y, **Kong X**, Hu L. Identification of a new target region by loss of heterozygosity at 5p15.33 in sporadic gastric carcinomas: genotype and phenotype related. *Cancer Lett*. 2005 Jun 28;224(2):329-37.
25. Xu G, Sun W, He D, Wang L, Zheng W, Nie H, Ni L, Zhang D, Li N, **Zhang J**. Overexpression of osteopontin in rheumatoid synovial mononuclear cells is associated with joint inflammation, not with genetic polymorphism. *J Rheumatol*. 2005 Mar;32(3):410-6.
26. Zhang FB, Li L, Fang B, Zhu DL, **Yang HT**, **Gao PJ**. Passage-restricted differentiation potential of mesenchymal stem cells into cardiomyocyte-like cells. *Biochem Biophys Res Commun*. 2005 Oct 28;336(3):784-92.
27. Xue ZH, Jiang Y, Yu Y, Wang LS, **Chen GQ**, Zhao Q. Metavanadate suppresses desferrioxamine-induced leukemic cell differentiation with reduced hypoxia-inducible factor-1alpha protein. *Biochem Biophys Res Commun*. 2005 Jul 15;332(4):1140-5.
28. Lu ZP, Ju ZL, Shi GY, **Zhang JW**, **Sun J**. Histone deacetylase inhibitor Trichostatin A reduces anti-DNA autoantibody production and represses IgH gene transcription. *Biochem Biophys Res Commun*. 2005 Apr 29;330(1):204-9.
29. Wang X, **Chen S**, Ma G, Ye M, Lu G. Involvement of proinflammatory factors, apoptosis, caspase-3 activation and Ca<sup>2+</sup> disturbance in microglia activation-mediated dopaminergic cell degeneration. *Mech Ageing Dev*. 2005 Dec;126(12):1241-54.
30. Yue B, Lu B, **Dai KR**, Zhang XL, Yu CF, Lou JR, Tang TT. BMP2 gene therapy on the repair of bone defects of aged rats. *Calcif Tissue Int*. 2005 Dec;77(6):395-403.
31. **Dai KR**, Xu XL, Tang TT, Zhu ZA, Yu CF, Lou JR, Zhang XL. Repairing of goat tibial bone defects with BMP-2 gene-modified tissue-engineered bone. *Calcif Tissue Int*. 2005 Jul;77(1):55-61.
32. Ye M, **Chen S**, Wang X, Qi C, Lu G, Liang L, Xu J. Glial cell line-derived neurotrophic factor in bone marrow stromal cells of rat. *Neuroreport*. 2005 Apr 25;16(6):581-4.
33. Yang H, Zhou HY, Li B, **Chen SD**. Neuroprotection of Parkin against apoptosis is independent of inclusion body formation. *Neuroreport*. 2005 Jul 13;16(10):1117-21.
34. Wang X, **Chen S**, Ma G, Ye M, Lu G. Genistein protects dopaminergic neurons by inhibiting microglial activation. *Neuroreport*. 2005 Feb 28;16(3):267-70.
35. Fu GH, Wang Y, Xi YH, Shen WW, Pan XY, Shen WZ, Jiang XS, **Chen GQ**. Direct interaction and cooperative role of tumor suppressor p16 with band 3 (AE1). *FEBS Lett*. 2005 Apr 11;579(10):2105-10.
36. Li F, Mei Y, Wang Y, Chen C, Tu J, Xiao B, **Xu L**. Trichosanthin inhibits antigen-specific T cell expansion through nitric oxide-mediated apoptosis pathway. *Cell Immunol*. 2005 Mar;234(1):23-30.

37. Li Y, Jiang ZZ, Chen HX, Leung WK, Sung JJ, **Ma WJ**. The existence of a putative regulatory element in 3'-untranslated region of proto-oncogene HOX11's mRNA. *J Biochem Mol Biol*. 2005 Jul 31;38(4):500-6.
38. Xu XL, Tang T, **Dai K**, Zhu Z, Guo XE, Yu C, Lou J. Immune response and effect of adenovirus-mediated human BMP-2 gene transfer on the repair of segmental tibial bone defects in goats. *Acta Orthop*. 2005 Oct;76(5):637-46.
39. Qiu J, Wei XH, Geng F, Liu R, **Zhang JW**, Xu YH. Multivesicular liposome formulations for the sustained delivery of interferon alpha-2b. *Acta Pharmacol Sin*. 2005 Nov;26(11):1395-401.
40. Fan CL, **Gao PJ**, Che ZQ, Liu JJ, Wei J, Zhu DL. Therapeutic neovascularization by autologous transplantation with expanded endothelial progenitor cells from peripheral blood into ischemic hind limbs. *Acta Pharmacol Sin*. 2005 Sep;26(9):1069-75.
41. Chen H, Wu XJ, Lu XY, Zhu L, Wang LP, **Yang HT**, Chen HZ, Yuan WJ. Phosphorylated heat shock protein 27 is involved in enhanced heart tolerance to ischemia in short-term type 1 diabetic rats. *Acta Pharmacol Sin*. 2005 Jul;26(7):806-12.
42. Ding HL, Zhu HF, Dong JW, Zhu WZ, Yang WW, **Yang HT**, Zhou ZN. Inducible nitric oxide synthase contributes to intermittent hypoxia against ischemia/reperfusion injury. *Acta Pharmacol Sin*. 2005 Mar;26(3):315-22.
43. Zhang HB, Zhang Q, Wang L, Yan F, Lu Y, Wang ZQ, Li J, Zhang LL, Yu YY, Zhu ZG, **Kong XY**, Hu LD. Genetic analysis of the liver putative tumor suppressor (LPTS) gene in gastric cancer Korean. *J Genet*. 2005 Dec; (4): 369-373.

▲ TOP