

Publication List

Original Publications in peer-reviewed journals (*Only list papers published or accepted*)

1. Zhang FC and W Cao. Fever, rash and diarrhea. Chinese Journal of Pathology 1987;16(2):153-157.
2. Cao W, Li LY, Zhu YJ, Luo WC, and ZG He. Fever, cough and pulmonary shadows. Chinese Journal of Tuberculosis and Respiratory Diseases 1990; 13(5):309-310.
3. Lu WX and W Cao. Pleural effusion and pulmonary shadows Chinese Journal of Tuberculosis and Respiratory Diseases 1991; 14(2):114-115.
4. Cao W, Luo WC, Guo ZJ, and YJ Zhu. Effects of methylene blue on acute hypoxic pulmonary hypertension in anesthetized dogs. National Medical Journal of China 1992; 72(3):165-166.
5. Cao W, Luo WC, Guo ZJ, Zhu YJ, and XL Liu. Changes of plasma lipoperoxide during acute hypoxia. Basic Medical Sciences & Clinics 1992; 12(2):60.
6. Cao W, Luo WC, Guo ZJ, and YJ Zhu. Methylene blue inhibits the decrease of the hypoxic pulmonary artery pressure produced by ligustrazine. Chinese Journal of Tuberculosis and Respiratory Diseases 1993; 16(2):105.
7. Cao W, Zeng ZP, Zhu YJ, Luo WC, and BQ Cai. Inhibition of nitric oxide synthesis increases the secretion of endothelin-1 in vivo and in cultured endothelial cells. Chinese Medical Journal 1994; 107(11):822-826.
8. Cao W, Zhu YJ, Luo WC, Cai BQ, and SY Xu. Inhibition of endogenous nitric oxide synthesis enhances acute hypoxic pulmonary vasoconstriction. Chinese Journal of Tuberculosis and Respiratory Diseases 1994; 17(3):148-151.
9. Cao W, Zhu YJ, Xu KF, Wang J, and WC Luo. Pulmonary Nocardia infection. Chinese Journal of Internal Medicine 1994; 33(10): 663-665.
10. Cao W, Zeng ZP, Luo WC, Zhu YJ, and SY Xu. The effect of acute pulmonary alveolar hypoxia on canine plasma endothelin-1 levels. Acta Academiae Medicinae Sinicae 1994; 16(5): 356-360.
11. Cao W, Luo WC, Guo ZJ, and YJ Zhu. Effects of ligustrazine and nitroglycerine on acute hypoxic pulmonary hypertension in mongrel dogs. Acta Academiae Medicinae Sinicae 1994; 16(2):79-83.
12. Cao W, Zhu, YJ, Gao YL, and WC Luo. A report of two cases with amyloidosis and pleural effusion. Acta Academiae Medicinae Sinicae 1994; 16(5):401-402.
13. Cao W and YJ Zhu. A report of one case with acute hypersensitivity pneumonitis induced by ofloxacin. Chinese Journal of Tuberculosis and Respiratory Diseases 1994; 17(5):300.
14. Sheng RY, Wang AX, Cao W, Zhu YJ, and Y Yuan. Observation on efficacy of rulid in treatment of respiratory tract infections. Chinese Journal of New Drugs 1994; 3(6):42-44.
15. Li LY, Zhu YJ, Yu L, Cao W, Ma Y, Jia SQ, Wang YH, and X Li. The Effect of recombinant granulocyte colony-stimulating factor in treatment of neutropenia caused by chemotherapy. Chinese Journal of New Drugs 1994; 3(1):29-32.

16. Cao W, Zeng ZP, Zhu YJ, Luo WC, and BQ Cai. Effect of N^G-nitro-L-arginine methyl ester on the secretion of endothelin-1 in vivo and in cultured endothelial cells. National Medical Journal of China 1995; 75(3):164-166.
17. Cao W, Zhu YJ, Luo WC, Wang ZF, and B Yao. Reversal of acute hypoxic pulmonary hypertension with inhalation of nitric oxide. Chinese Journal of Internal Medicine 1995; 34(1):9-12.
18. Cao W, Zeng ZP, Zhu YJ, Luo WC, and ZF Wang. Effects of L-arginine on acute hypoxic pulmonary hypertension and production of endothelin-1 in vivo and in cultured endothelial cells. Acta Academiae Medicinae Sinicae 1996; 18(3):214-218.
19. Sohn UD, Harnett KM, Cao W, Rich H, Kim N, Behar J and P Biancani. Acute experimental esophagitis activates a second signal transduction pathway in cat smooth muscle from the lower esophageal sphincter. J Pharmacol Exp Ther. 1997; 283(3):1293-304.
20. Cao W, Zeng ZP, Zhu YJ, and WC Luo. Effects of calcium blockers and calmodulin inhibitors on the secretion of endothelin-1 in cultured endothelial cells. Acta Academiae Medicinae Sinicae 1997; 19(6):465-469.
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23. Cao W, Pricolo V, Zhang L, Behar J, Biancani P, and MT Kirber. Gq-linked NK2 receptors mediate neurally induced contraction of human sigmoid circular smooth muscle. Gastroenterology 2000; 119:51-61.
24. Cao W, Harnett KM, Chen Q, Jain MK, Behar J, and P Biancani. Group I secreted PLA2 (sPLA2) and arachidonic acid metabolites in the maintenance of cat LES tone. Am J Physiology 1999; 277(3 Pt 1):G585-98.
25. Cao W, Harnett KM, Behar J, and P Biancani. Group I Secreted PLA2 in the Maintenance of Human Lower Esophageal Sphincter Tone. Gastroenterology 2000; 119: 1243-1252.
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49. Cheng L, de la Monte S, Ma J, Hong J, Tong M, Cao W, Behar J, Biancani P, and KM Harnett. HCl-activated neural and epithelial vanilloid receptors (TRPV1) in cat esophageal mucosa. *Am J Physiol Gastrointest Liver Physiol*. 2009; 297(1):G135-43. Epub 2009 Apr 23.
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51. Hong J, Behar J, Wands J, Resnick M, Wang LJ, DeLellis RA, Lambeth D, and W Cao*. Bile acid reflux contributes to development of esophageal adenocarcinoma via activation of phosphatidylinositol-specific phospholipase C γ 2 and NADPH oxidase NOX5-S. *Cancer Res*. 2010; 70(3):1247-55. Epub 2010 Jan 19.
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55. Zhou X, Li D, Resnick M, Behar J, Wands J, and W Cao*. Signaling in H₂O₂-induced increase in cell proliferation In Barrett's Esophageal Adenocarcinoma Cells. *J Pharmacol Exp Ther*. 2011;339(1):218-27. Epub 2011 Jul 12.

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57. Cao W*, Tian W, Hong J, Li D, Tavares R, Noble L, Moss SF, and MB Resnick. Expression of bile acid receptor TGR5 in gastric adenocarcinoma. *Am J Physiol Gastrointest Liver Physiol.* 2012 (under revision).
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Note: * corresponding author

Other peer-reviewed publications (*List reviews, commentaries, articles, editorials, research symposium results published or accepted for publication in peer-reviewed journals*)

1. Cao W and WC Luo. Vascular peptides and pulmonary circulation. *GuoWai YiXue Huxi XiTong FenCe* 1992; 12(4):175-178.
2. Cao W and WC Luo. Implications of angiotensin converting enzyme in serum and bronchial alveolar lavage fluid. *Chinese Journal of Internal Medicine* 1992; 31(1):55-57.
3. Harnett KM, Cao W, Kim N, Sohn UD, Rich H, Behar J and P Biancani. Signal transduction in esophageal and LES circular muscle contraction. *Yale J. Biology and Medicine* 1999; 72:153-168.
4. Harnett KM, Cao W, and P. Biancani. Signal-transduction pathways that regulate smooth muscle function I. Signal transduction in phasic (esophageal) and tonic (gastroesophageal sphincter) smooth muscles. *Am J Physiol Gastrointest Liver Physiol.* 2005; 288(3): G407-16.
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6. Orlando RC, Paterson WG, Harnett KM, Ma J, Behar J, Biancani P, Guarino MP, Altomare A, Cicala M, and W Cao. Esophageal disease: updated information on inflammation. *Ann N Y Acad Sci.* 2011 Sep; 1232:369-75.
7. Cao W. Is acid reflux important in the Progression from Barrett's Esophagus to Esophageal Adenocarcinoma? *Journal of Gastrointestinal & Digestive System* 2012, 2(2): e108. (editorial).

Book Chapters

1. Cao W, and WC Luo. Pulmonary Alveolar Proteinosis. In *Current Pulmonology*. Ed. Weici Luo. Renmin Junyi Press, Beijing. 1997; P767-771.
2. Liao J, Sun T, and W Cao. Wegener's granulomatosis. In *Current Pulmonology*. Ed. Weici Luo. Renmin Junyi Press, Beijing. 1997; P762-766.