

PUBLICATIONS

Original Refereed Articles

1. Guo, Y-L, Roux, SJ, Partial purification and characterization of a Ca²⁺-dependent protein kinase from the green alga, *Dunaliella salina*. *Plant Physiol* 1990, 94:143-50
2. Guo, Y-L, Roux, SJ, Further characterization of the calcium-dependent protein kinase from the green alga, *Dunaliella salina*. *Acta Phytophysiologia Sinica* 1992, 18:300-08
3. Guo, Y-L, Roux, SJ, Partial purification and characterization of an enzyme from pea nuclei with protein tyrosine phosphatase activity. *Plant Physiol* 1995, 107:167-75
4. Guo, Y-L, Roux, SJ, Partial purification and characterization of a type 1 protein phosphatase in purified nuclei of pea plumules. *Biochemical J* 1996, 319:985-91
5. Guo, Y-L, Peng, M, Kang, B, Williamson, JR, Inhibition of thrombin-stimulated cell proliferation by ceramide is not through inhibition of extracellular signal-regulated protein kinase. *Biochem Biophys Res Commun* 1997, 240: 405-08
6. Guo, Y-L, Terry, ME, Roux, SJ, Characterization of a cytosolic phosphatase from pea plumules having significant protein tyrosine phosphatase activity. *Plant Physiol Biochem* 1998, 36:269-78
7. Guo, Y-L, Baysal, K, Kang, B, Yang, L-J, Williamson, JR, Correlation between sustained c-Jun N-terminal protein kinase activation and apoptosis induced by tumor necrosis factor- α in rat mesangial cells. *J Biol Chem* 1998, 273:4027-34
8. Guo, Y-L, Kang, B, Williamson, JR, Inhibition of the expression of mitogen-activated protein phosphatase-1 potentiates apoptosis induced by tumor necrosis factor- α in rat mesangial cells. *J Biol Chem* 1998, 273: 10362-66
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10. Guo, Y-L, Kang, B, Yang, L-J, Williamson, JR, Tumor necrosis factor- α and ceramide induce cell death through different mechanisms in rat mesangial cells. *Am J Physiol* 1999, 276: F390-F97
11. Guo, Y-L, Kang, B, Williamson, JR, Resistance to tumor necrosis factor- α cytotoxicity can be achieved through different signaling pathways in rat mesangial cells. *Am J Physiol* 1999; 276: C435 -C41
12. Guo, Y-L, K., Kang, B., Han, J., Williamson, JR, p38 MAP kinase protects rat mesangial cells from TNF- α -induced apoptosis. *J Cell Biochem* 2001, 82: 556-565.
13. Guo, Y-L, Wang, S, Colman, RW, Kininostatin, an angiogenic inhibitor, inhibits proliferation and induces apoptosis of endothelial cells. *Arterioscler Thromb Vasc Biol* 2001, 21: 1427-1433.
14. Wang, S, Hasham, MG, Isordia-salas, I, Tsygankov, AY, Colman, RW and Guo, Y-L, Up-regulation of cdc2 and cyclin a during apoptosis of endothelial cells induced by cleaved high molecular weight kininogen. *Am J Physiol* 2003, 284: H1917-H1923
15. Guo, Y-L, Wang, S, Colman, RW, Apoptotic effect of the cleaved high molecular weight kininogen is regulated by extracellular matrix proteins. Submitted in revised version to *J Cell Biochem* 2003, 89:662-632
16. Yang, BH, Cao, DJ, Colman, RW and Guo, Y-L. Different roles of ERK and p38 MAP kinases during tube formation from endothelial cells in 3-dimensional cell culture. *J Cell Physiol* 2004, 2000:360-369

17. Yang, BH, Cao, DJ, and Colman, RW. **Guo, Y-L**. Different roles of ERK and p38 MAP kinases during tube formation from endothelial cells in 3-dimensional cell culture. *J Cell Physiol*. 2004, 200:360-369
18. Cao, D.J. **Guo, Y-L**, Colman, RW. Urokinase-type plasminogen activator receptor is involved in mediating the apoptotic effect of cleaved high molecular weight kininogen. *Cir Res*. 2004, 94:127-1234.
13. Song, JS, Sainz,IM, Cosenza,SC, Isordia-Salas, I, Bior, A, Bradford, HN, **Guo, Y-L**, Pixley, RA, Reddy, EP, Colman, RW. Inhibition of tumor angiogenesis in vivo by monoclonal antibody targeted to domain 5 of high molecular weight kininogen. *Blood*. 2004, 104:2065-2072
19. Jiang, X, **Guo, Y-L**, and Bromberg, ME. Formation of tissue factor-factor VIIa-factor Xa complex prevents apoptosis in human breast cancer cells. 2005, Submitted.
20. **Guo, Y-L** and Yang, B. Deletion of p38 α MAP kinase results in an increased cell adhesion and cell viability in mouse embryonic stem cells. 2005, Submitted.

Review Articles

1. Roux, SJ, **Guo, Y-L**, & Li, H, Characterization of two calcium-dependent protein kinases implicated in stimulus-response coupling in plants. In: *Cur Top Plant Biochem Physiol* (Ed) D. Randall & D. Blevins 1990; 9:129-40
2. **Guo, Y-L**, Protein phosphorylation and its roles in signal transduction in plant cells. *Plant Physiol Commun* 1991; 27: 385-90
3. **Guo, Y-L**, A new class of Calcium-dependent protein kinases in plants. *Acta Phytophysiologia Sinica* 1992; 18: 408-16
4. **Guo, Y-L**, Annexin: A new family of calcium-binding proteins. *Prog Biochem Biophys* 1992; 19: 172-76
5. **Guo, Y-L**, Sun, D-Y, Recent progress in the study of intracellular signaling systems. *Prog Biochem Biophys* 1995; 22: 217-23
6. **Guo, Y-L**, Wang, S, Colman, RW, Kininostatin as an angiogenic inhibitor: what we know and what we don't know. *Int. Immuno Pharmacol* 2002; 19:31-40
7. **Guo, Y-L** and Colman, RW. Two faces of high molecular weight kininogen (HK) in angiogenesis: bradykinin turns it on and cleaved HK (HKa) turns it off. *J Thromb Haemost* 2005, 3: 670-676

Book Chapters

- Cell signaling systems. (1st Ed). Sun, D-Y and **Guo, Y-L**. 1993, Beijing, Science Press
- Cell signaling systems. (2nd Ed).Sun, D-Y, **Guo, Y-L**, Ma, L-G. 1998, Beijing, Science Press
- Cell signaling systems. (3rd Ed). Sun, D-Y, **Guo, Y-L**, Ma, L-G. 2001, Beijing, Science Press