

Juming Zhong, DVM, PhD
Selected Publications

Ding Y, Zou R, Judd RL, **Zhong J**. Endothelin-1 receptor blockade prevented the electrophysiological dysfunction in cardiac myocytes of streptozotocin-induced diabetic rats. *Endocrine* 30:121-127, 2006.

Callaghan B, **Zhong J**, Keef KD. Signaling pathway underlying stimulation of L-type Ca²⁺ channels in rabbit portal vein myocytes by recombinant G β subunits. *Am J Physiol Heart Circ Physiol* 291:H2541-H2546, 2006.

Ding Y, Zou R, Judd RL, **Zhong J**. Effects of gender difference on cardiac myocyte dysfunction in type-1 diabetic rats. *Endocrine* 29:135-141, 2006.

Banerjee S, Curto EV, Beckman M, Brown GB, **Zhong J**, Krishna NR. Expression of functional scorpion neurotoxin Lq α -V in E.coli. *Peptides* 27:49-54, 2006.

Ding Y, Zou R, Judd RL, Schwartz DD, **Zhong J**. Contribution of Endothelin-1 in cardiac myocyte dysfunction in type-1 diabetic rats. *J Card-Renal Res* 1:23-32, 2006.

Ding Y, Schwartz DD, Posner P, **Zhong J**. Hypotonic swelling increases L-type calcium channel activity in rabbit portal vein smooth muscle cells through protein kinase C. *Am J Physiol* 287:C413-C421, 2004.

Wang G-X, Hatton WJ, Wang GL, **Zhong J**, Yamboliev I, Duan D, Hume JR. Functional effects of novel anti-ClC-3 antibodies on native volume-sensitive osmolyte and anion channels in cardiac and smooth muscle cells. *Am J Physiol* 285:H1453-H1463, 2003.

Zhong J, Wang GX, Hatton WJ, Yamboliev IA, Walsh MP, Hume JR. Regulation of volume-sensitive outwardly rectifying anion channels in pulmonary arterial smooth muscle cells by protein kinase C. *Am J Physiol* 283:C1627-C1636, 2002.

Keef KD, Hume JR, **Zhong J**. Regulation of cardiac and smooth muscle Ca²⁺ channels (Cav1a,b) by protein kinases. *Am J Physiol* 281:C1743-1756, 2001.

Zhong J, Hwang T-C, Adams HR, Rubin LJ. Reduced L-type calcium current in ventricular myocytes isolated from endotoxemic guinea pigs. *Am J Physiol* 273:H2312-H2324, 1997.

Zhong J, Adams HR, Rubin LJ. Cytosolic Ca²⁺ concentration and contraction-relaxation properties of ventricular myocytes from E. Coli endotoxemic guinea pigs. *Shock* 7:383-388, 1997.