

Publications - Geoffrey W. Payne, Ph.D.

PUBLICATIONS (peer –reviewed)

Payne G.W. denotes official co-authorship recognized by journal

- 1) (1997) **Payne G.W.** and Neuman, R.S. Effects of hypomagnesia on histamine H1 receptor mediated facilitation of NMDA responses. *British Journal of Pharmacology*, 121 199-204.
- 2) (2002) **Payne G.W.** and Smeda J.S. Cerebrovascular alterations in pressure and protein kinase C mediated constriction in Dahl salt sensitive rats. *J Hypertens.* Jul; 20(7): 1355-63.
- 3) (2003) Smeda J.S. and **Payne G.W.** Alterations in autoregulatory and myogenic function in the cerebrovasculature of Dahl salt sensitive rats. *Stroke* Jun;34(6):1484-90.
- 4) (2003) **Payne G.W.**, Madri J.A., Sessa W.C. and Segal S.S. Abolition of arteriolar dilation but not constriction to histamine in cremaster muscle of eNOS -/- mice. *Am J Physiol Heart Circ Physiol.* Aug; 285 (2): H493-498
- 5) (2004) **Payne G.W.**, Madri J.A., Sessa W.C. and Segal S.S. Histamine inhibits conducted vasodilation through NO production in arterioles of mouse skeletal muscle. *FASEB J.* 18(2) 280-6
- 6) (2004) Looft-Wison R.C, **Payne G.W.**, and Segal S.S. Connexin expression and conducted vasodilation along arteriolar endothelium in mouse skeletal muscle. *J. Applied Physiology* Sep: 97(3):1152-8
- 7) (2004) Bearden S.E., **Payne G.W.**, Chisty A. and Segal S.S. Arteriolar network architecture and vasomotor function with ageing in mouse gluteus maximus muscle. *J Physiology* 561 (Pt. 2) 535-545.
- 8) (2005) Soderberg K.A., **Payne G.W.**, Sato A., Medzhitov R., Segal S.S. and Iwasaki A. Innate control of adaptive immunity via regulation of lymph node feed arteriole. *Proc Natl Acad Sci U S A.* 2005 Nov 8;102 (45):16315-20.
- 9) (2006) **Payne G.W.** Effect of inflammation on the aging microcirculation: impact on blood flow control in skeletal muscle. *Microcirculation* 13(4) 315-324
- 10) (2006) **Payne G.W.** and Bearden S.E. The aging microcirculation. *Microcirculation* 13(4) 275-277
- 11) (2006) Zahir S., Chowdhury R and **Payne G.W.** Automated Assessment of Erythrocyte Disorders using neural networks Proceeding of the IEEE-ISSPIT 776-780
- 12) (2007) Neurobiological mechanisms of Self-Injury Behavior. **Payne G.W.**, & Osuch E. (*Book Chapter*)