**2011 Publications**

Aruni AW, Roy F, Fletcher HM, “Filifactor alocis has virulence attributes that can enhance its persistence under oxidative stress conditions and mediate invasion of epithelial cells by Porphyromonas gingivalis.”  Infect. Immu. 79:3872-86. 2011

Butler SM, Abrassart JM, Hubbell MC, Adeoye O, Semotiuk AM, Williams JM, Mata-Greenwood E, Khorram O, Pearce WJ, “Contributions of VEGF to age-dependent transmural gradients in contractile protein expression in ovine carotid arteries.”  American Journal of Physiology, Cell Physiology 301:C653-66. PMID: 21653901. 2011

Goyal R, Papamatheakis DG, Loftin M, Vrancken K, Dawson AS, Osman NJ, Blood AB, Pearce WJ, Longo LD, and Wilson SM, “ Long-term maternal hypoxia: the role of extracellular Ca2+ entry during serotonin-mediated contractility in fetal ovine pulmonary arteries.” Reprod Sci. 18: 948-962. 2011

Olivi, G, Crippa R, Laria G, Kaitsas V, Divito E, "Laser in Endodontics" (Part II), Roots International Magazine of Endodontology. Vol. 7. Issue 2 pp6-12. 2011

Papamatheakis DG, Vemulakonda S, Blood Q, Goyal R, Rubalcava M, Vrancken K, Bennett A, Dawson A, Osman NJ, Blood AB, Pearce WJ, Longo LD, and Wilson SM, “Preservation of serotonin-mediated contractility in adult sheep pulmonary arteries following long-term high-altitude hypoxia.” High Alt Med Biol. 12: 253-264. 2011

Pearce WJ, “Epigenetics: An Expanding New Piece of the Stroke Puzzle.”  Trans Stroke Res 2:243–247. PMID: 21987632. 2011

Pearce WJ, Butler SM, Abrassart JM, Williams JM, “Fetal Cerebral Oxygenation: The Homeostatic Role of Vascular Adaptations to Hypoxic Stress.”  Adv Exp Med Biol 701:225-32. PMID: 21445791. 2011

Schrag M,  Crofton A, Zabel M, Jiffry A, Kirsch D, Dickson A, Wen Mao X, Vinters HV, Domaille D, Chang CJ, Kirsch W, “The effect of cerebral amyloid angiopathy on iron, copper and zinc in Alzheimer’s disease,” J Alzheimer Dis. 24:137-49. 2011

Tong W, Xue Q, Li Y, Zhang LB, “Maternal hypoxia alters matrix metalloproteinase expression patterns and causes cardiac remodeling in fetal and neonatal rats.” Am J Physiol Heart Circ Physiol. 301: H2113-21. PMID: 21856922. 2011

Xiao D, Huang X, Yang S, Zhang LB, “ Antenatal nicotine induces heightened oxidative stress and vascular dysfunction in rat offspring.” Br J Pharmacol. 164:1400-9. PMID: 21777225. 2011

Yellon SM, Oshiro BT, Chhaya TY, Lechuga TJ, Dias RM, Burns AE, Force L, Apostolakis EM, “Remodeling of the cervix and parturition in mice lacking the progesterone receptor B isoform.” Biol Reprod 85: 498-502. 2011