**2014 Publications**

Adeoye O, Bouthors V, Hubbell MC, Williams JM, Pearce WJ, “VEGF Receptors Mediate Hypoxic remodeling of Adult Ovince Carotid Arteries,” Journal of Applied Physiology. PMID: 25038104. 2014

Adeoye O, Silpanisong J, Williams JM, Pearce WJ, “Role of the sympathetic autonomic nervous system in the hypoxic remodeling of the fetal cerebral vasculature.” Journal of Cardiovascular Pharmacology. PMID: 25853949. 2014

Badaut J, Ajao D, Sorensen D, Fuduka A, Pellerin L, “Caveolin expression changes in the neurovascular unit after juvenile traumatic brain injury: signs of blood-brain barrier healing?” Neuroscience. PMID: 25450954. 2014

Badaut J, Fuduka AM, Jullienne A, Petry KG, “Aquaporin and brain diseases,” Biochimic Biophys Acta. PMID: 24513456. 2014

Badaut J, Bix GJ, “Vascular Neural Network phenotypic transformation after traumatic injury: potential role in long-term sequelae.” Transl Stroke Res. PMID: 24323723. 2014

Durrant LM, Khorram O, Buchholx JN, Pearce WJ, “Maternal food restriction modulates cerebrovascular structure and contractility in adult rat offspring: Effects of metyrapone.” American Journal of Physiology, Regulatory Physiology. PMID: 24477541. 2014

[Harraz OF](http://www.ncbi.nlm.nih.gov/pubmed/?term=Harraz%20OF%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Abd El-Rahman RR](http://www.ncbi.nlm.nih.gov/pubmed/?term=Abd%20El-Rahman%20RR%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Bigdely-Shamloo K](http://www.ncbi.nlm.nih.gov/pubmed/?term=Bigdely-Shamloo%20K%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Wilson SM](http://www.ncbi.nlm.nih.gov/pubmed/?term=Wilson%20SM%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Brett SE](http://www.ncbi.nlm.nih.gov/pubmed/?term=Brett%20SE%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Romero M](http://www.ncbi.nlm.nih.gov/pubmed/?term=Romero%20M%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Gonzales AL](http://www.ncbi.nlm.nih.gov/pubmed/?term=Gonzales%20AL%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Earley S](http://www.ncbi.nlm.nih.gov/pubmed/?term=Earley%20S%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Vigmond EJ](http://www.ncbi.nlm.nih.gov/pubmed/?term=Vigmond%20EJ%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Nygren A](http://www.ncbi.nlm.nih.gov/pubmed/?term=Nygren%20A%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Menon BK](http://www.ncbi.nlm.nih.gov/pubmed/?term=Menon%20BK%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Mufti RE](http://www.ncbi.nlm.nih.gov/pubmed/?term=Mufti%20RE%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Watson T](http://www.ncbi.nlm.nih.gov/pubmed/?term=Watson%20T%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Starreveld Y](http://www.ncbi.nlm.nih.gov/pubmed/?term=Starreveld%20Y%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Furstenhaupt T](http://www.ncbi.nlm.nih.gov/pubmed/?term=Furstenhaupt%20T%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Muellerleile PR](http://www.ncbi.nlm.nih.gov/pubmed/?term=Muellerleile%20PR%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Kurjiaka DT](http://www.ncbi.nlm.nih.gov/pubmed/?term=Kurjiaka%20DT%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Kyle BD](http://www.ncbi.nlm.nih.gov/pubmed/?term=Kyle%20BD%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), [Braun AP](http://www.ncbi.nlm.nih.gov/pubmed/?term=Braun%20AP%5BAuthor%5D&cauthor=true&cauthor_uid=25085940), Welsh DG, “Ca(V)3.2 channels and the induction of negative feedback in cerebral arteries.” [Circ Res.](http://www.ncbi.nlm.nih.gov/pubmed/25085940) PMID: 25085940. 2014

Jullienne A, Roberts JM Pop V, Murphy PM, Head E, Bix GJ, Badaut J, “Juvenile traumatic brain injury induces long-term perivascular matrix changes alongside amyloid-beta accumulation.” J Cereb Blood Flow Metab. PMID: 25052558. 2014

Karain BD, "Towards a Better Treatment of Parkinson's disease.” Loma Linda University Electronic Theses & Dissertations. 2014. Paper 160.

[Paradis A](http://www.ncbi.nlm.nih.gov/pubmed/?term=Paradis%20A%5BAuthor%5D&cauthor=true&cauthor_uid=24578615), [Xiao D](http://www.ncbi.nlm.nih.gov/pubmed/?term=Xiao%20D%5BAuthor%5D&cauthor=true&cauthor_uid=24578615), [Zhou J](http://www.ncbi.nlm.nih.gov/pubmed/?term=Zhou%20J%5BAuthor%5D&cauthor=true&cauthor_uid=24578615), [Zhang L](http://www.ncbi.nlm.nih.gov/pubmed/?term=Zhang%20L%5BAuthor%5D&cauthor=true&cauthor_uid=24578615), Endothelin-1 promotes cardiomyocyte terminal differentiation in the developing heart via heightened DNA methylation.” [Int J Med Sci.](http://www.ncbi.nlm.nih.gov/pubmed/24578615) PMID: 24578615. 2014

[Sun](http://www.ncbi.nlm.nih.gov/pubmed/?term=Sun%20SW%5Bauth%5D) SJ, [Liang](http://www.ncbi.nlm.nih.gov/pubmed/?term=Liang%20HF%5Bauth%5D) HF, [Mei](http://www.ncbi.nlm.nih.gov/pubmed/?term=Mei%20J%5Bauth%5D) J, [Xu](http://www.ncbi.nlm.nih.gov/pubmed/?term=Xu%20D%5Bauth%5D) D, [Shi](http://www.ncbi.nlm.nih.gov/pubmed/?term=Shi%20WX%5Bauth%5D) WX, “In vivo Diffusion Tensor Imaging of Amyloid-β-Induced White Matter Damage in Mice.” J Alzheimers Dis. PMID: 24077431. 2014