**2017 Abstracts**

\***Badaut J, Ichkova A, Coutrand G, Bertrand SS, Rodriguez-Grande B, Obenaus A**, “Intracorical blood-vessel and MRI alterations after juvenile closed head injury.” Society for Neuroscience. Washington, DC. 2017

**Baio J, Martinez AF, Hasaniya N, Bailey L, Pecaut M, Kearns-Jonker M**, “Mechanical unloading impacts calcium signaling and promotes an earlier developmental state in neonatal cardiovascular progenitors.” 20th Annual Basic Sciences Research Symposium. Loma Linda University, Loma Linda, CA. 2017

[**Blum-Johnston**](http://www.fasebj.org/search?author1=Carla+M+Blum-Johnston&sortspec=date&submit=Submit) **CM, Romero M,** [**Wee**](http://www.fasebj.org/search?author1=Chelsea+Wee&sortspec=date&submit=Submit) **C, Blood Q, Wilson RH, Blood AB, Francis M, Taylor MS, Longo LD, Wilson SM.** “Chronic Hypoxia uncouples Ca2+ and eNOS in bradykinin-induced relaxation of Ovine pulmonary arteries.” FASEB J. 2017. 31:1073.1

**Chitsike L, Radhakrishnan V, De Leon D**, “IGF-II mediates the metabolic shift of cells towards enhanced glucose and fatty acid oxidation in Triple Negative Breast Cancer (TNBC).” 20th Annual Basic Sciences Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**Cox B, Kim C, Chintalapati S, Perez MC, Simental AA, Munir T, Munir I, Firek AA, KhanS**, “A differential subcellular expression pattern of a gene in well-differentiated thyroid cancer to anaplastic thyroid cancer.” 20th Annual Basic Sciences Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**Hardister L, Hunter V, Opsahl R, Romero M, Murray S, Zhang LB, Wilson SM**, “A23187 induce relaxation of adult sheep pulmonary arteries.” 17th Annual Health Disparities Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**Hunter V, Hardister L, Osphal R, Romero M, Murray S, Zhang LB, Wilson SM**, “Pulmonary arteries from fetal sheep are unresponsive to stimulation of the endothelium with A23187.” 17th Annual Health Disparities Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**Iñesta-Rivera JP, Sanchez N, Kirsch W**, “Assessing copper localization techniques: A path in identifying the most accurate fluorescent probes in neuropathological diseases.” 17th Annual Health Disparities Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**Johnson RL, Murray S, Wilson CG**, “Effects of lipopolysaccharide injection on in vivo breathing pattern in developing rats.” FASEB J. 2017. 31:724.4

**Knox C, Garcia K, Baio J, Kearns-Jonker M, Martens T**, “Tissue Engineered Arterial Conduits for Congenital Heart Surgery.” 20th Annual Basic Sciences Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**\*Kwon A, Lee C, Chintalapati S, Perez M, Lei L, Simental A, Ramos S, Roberts K, Munir I, Firek A, De Leon M, Khan S**, “Differential subcellular expression patterns of enigma & its binding partners in well-differentiated cancer to anaplastic thyroid cancer.” 17th Annual Health Disparities Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**\*Licero Campbell J, Serrano Illán M, McNichol B, Panse O, Figueroa J, De Leon M**, “Upregulation of fatty acid binding protein 4 is associated with increased mRNA and protein levels of proinflammatory/stress-response proteins.” 17th Annual Health Disparities Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**\*Mao XW, Rodriguez D, Jones T, Nishiyama N, Campbell-Beachler M, Stanbouly S, Hauer-Jensen M, Boerma M, Nelson GA**, “Acute effects of low-dose proton irradiation or in combination with simulated microgravity.” 20th Annual Basic Sciences Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**\*Ortiz Vicil A, Radhakrishnan V, De León D**, “Characterization of a newly identified differentially methylated region of the IGF-II gene in paired breast cancer tissues from African American and Caucasian patients.” 17th Annual Health Disparities Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**\*Ramos S, Roberts K, Perez M, Munir I, Simental A,De Leon M, Khan S**, “Linking high body mass index and leptin receptor to thyroid cancer health disparities.” 17th Annual Health Disparities Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**Sanchez N, Kirsch WM**, “Testing Copper Dysregulations as a possible upstream factor to Alzheimer’s disease.” 20th Annual Basic Sciences Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**Sanchez N, Iñesta-Rivera JP, Kirsch W**, “Validating copper probes for the use in human pathological studies: A comparative study.” 17th Annual Health Disparities Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**Silva I, Martinez A, Hasaniya N, Bailey LL, Kearns-Jonker M**, “Early Cardiovascular Stem Cell Transplantation Induces Recruitment of Endogenous c-kit+ and CD14+ Cells.” 20th Annual Basic Sciences Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**Thomas J, Yoo T, Romero M, Puglisi J, Zhang LB, Wilson S**, “Arterial myocytes of high altitude acclimatized fetal and adult sheep.” 17th Annual Health Disparities Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**Whinnery C, Cupino T, Kirsch W**, “Transfection of Fetal Cerebrovascular Smooth Muscle Cells with Targeted Chitosan Nanoparticles.” 20th Annual Basic Sciences Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**Williams PA, Dalton C, Wilson CG**, “Modeling changes in passive electrophysiological properties as a function of developmental neuronal morphology in neonatal brainstem motorneurons.” 20th Annual Basic Sciences Research Symposium. Loma Linda University, Loma Linda, CA. 2017

**Williams PA, Dalton C, Wilson CG**, “Modeling biophysical property changes as a function of developmental neuronal morphology in the respiratory centers of the neonatal rat. XIV Oxford Conference on Modeling and Control of Breathing, Merton College, Oxford, UK. 2017

**Williams PA, Wilson CG**, “Effects of perinatal nicotine or inflammation exposure on ventilation in the developing rat model.” FASEB J. 2017. 31:727.9