

CRAIG WHEELOCK PUBLICATIONS 2017**Peer-reviewed articles**

1. Al-Mashhadi A, Checa A, Wahlin N, Neveus T, Fossum M, Wheelock CE, et al. Changes in arterial pressure and markers of nitric oxide homeostasis and oxidative stress following surgical correction of hydronephrosis in children. *Pediatr Nephrol.* 2018;33(4):639-49.
2. Hartler J, Triebel A, Ziegl A, Trotsmuller M, Rechberger GN, Zeleznik OA, et al. Deciphering lipid structures based on platform-independent decision rules. *Nat Methods.* 2017;14(12):1171-4.
3. Bowden JA, Heckert A, Ulmer CZ, Jones CM, Koelmel JP, Abdullah L, et al. Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950-Metabolites in Frozen Human Plasma. *J Lipid Res.* 2017;58(12):2275-88.
4. Araujo AC, Wheelock CE, Haeggstrom JZ. The Eicosanoids, Redox-Regulated Lipid Mediators in Immunometabolic Disorders. *Antioxid Redox Signal.* 2018;29(3):275-96.
5. Ohashi K, Chaleckis R, Takaine M, Wheelock CE, Yoshida S. Kynurenine aminotransferase activity of Aro8/Aro9 engage tryptophan degradation by producing kynurenic acid in *Saccharomyces cerevisiae*. *Sci Rep.* 2017;7(1):12180.
6. Peleli M, Flacker P, Zhuge Z, Gomez C, Wheelock CE, Persson AEG, et al. Renal denervation attenuates hypertension and renal dysfunction in a model of cardiovascular and renal disease, which is associated with reduced NADPH and xanthine oxidase activity. *Redox Biol.* 2017;13:522-7.
7. Naz S, Kolmert J, Yang M, Reinke SN, Kamleh MA, Snowden S, et al. Metabolomics analysis identifies sex-associated metabotypes of oxidative stress and the autotaxin-lysoPA axis in COPD. *Eur Respir J.* 2017;49(6).
8. Naz S, Gallart-Ayala H, Reinke SN, Mathon C, Blankley R, Chaleckis R, et al. Development of a Liquid Chromatography-High Resolution Mass Spectrometry Metabolomics Method with High Specificity for Metabolite Identification Using All Ion Fragmentation Acquisition. *Anal Chem.* 2017;89(15):7933-42.
9. Lukic A, Larssen P, Fauland A, Samuelsson B, Wheelock CE, Gabrielsson S, et al. GM-CSF- and M-CSF-primed macrophages present similar resolving but distinct inflammatory lipid mediator signatures. *FASEB J.* 2017;31(10):4370-81.
10. Oliveira ML, D'Alexandri FL, Pugliesi G, Van Hoek V, Mesquita FS, Membrive CMB, et al. Peri-ovulatory endocrine regulation of the prostanoid pathways in the bovine uterus at early dioestrus. *Reprod Fertil Dev.* 2017;29(3):544-56.
11. Reinke SN, Gallart-Ayala H, Gomez C, Checa A, Fauland A, Naz S, et al. Metabolomics analysis identifies different metabotypes of asthma severity. *Eur Respir J.* 2017;49(3).

12. Roci I, Gallart-Ayala H, Watrous J, Jain M, Wheelock CE, Nilsson R. A Method for Measuring Metabolism in Sorted Subpopulations of Complex Cell Communities Using Stable Isotope Tracing. *J Vis Exp*. 2017(120).
13. Checa A, Idborg H, Zandian A, Sar DG, Surowiec I, Trygg J, et al. Dysregulations in circulating sphingolipids associate with disease activity indices in female patients with systemic lupus erythematosus: a cross-sectional study. *Lupus*. 2017;26(10):1023-33.
14. Petri MH, Laguna-Fernandez A, Arnardottir H, Wheelock CE, Perretti M, Hansson GK, et al. Aspirin-triggered lipoxin A4 inhibits atherosclerosis progression in apolipoprotein E(-/-) mice. *Br J Pharmacol*. 2017;174(22):4043-54.
15. Gonzalez-Pena D, Checa A, de Ancos B, Wheelock CE, Sanchez-Moreno C. New insights into the effects of onion consumption on lipid mediators using a diet-induced model of hypercholesterolemia. *Redox Biol*. 2017;11:205-12.