. Selected Peer-reviewed Publications

1. Rizzi A, Spagnolo B, **Wainford RD**, Fischetti C, Guerrini R, Marzola G, Baldisserotto A, Salvadori S, Regoli D, Kapusta DR, Calo G. In vitro and in vivo studies on UFP-112, a novel potent and long lasting agonist selective for the nociceptin/orphanin FQ receptor. Peptides. 2007 Jun;28(6):1240-51. PMID: 17532097.
2. **Wainford RD**, Kurtz K, Kapusta DR.Central G-alpha subunit protein-mediated control of cardiovascular function, urine output, and vasopressin secretion in conscious Sprague-Dawley rats. Am J Physiol Regul Integr Comp Physiol. 2008 Aug;295(2):R535-42. PMID: 18525017.
3. **Wainford RD**, Weaver RJ, Stewart KN, Brown P, Hawksworth GM. Cisplatin nephrotoxicity is mediated by gamma glutamytranspeptidase, not via a C-S lyase governed biotransformation pathway. Toxicology. 2008 Jul 30;249(2-3):184-92. PMID:18583013.
4. **Wainford RD**, Kapusta DR. Chronic high-NaCl intake prolongs the cardiorenal responses to central N/OFQ and produces regional changes in the endogenous brain NOP receptor system. Am J Physiol Regul Integr Comp Physiol. 2009 Feb;296(2):R280-8. PMID: 18987291.
5. **Wainford RD**, Weaver RJ, Hawksworth GM. The immediate early genes, c-fos, c-jun and AP-1, are early markers of platinum analogue toxicity in human proximal tubular cell primary cultures. Toxicol In Vitro. 2009 Aug;23(5):780-8. PMID: 19383537.
6. **Wainford RD**, Kapusta DR. Hypothalamic paraventricular nucleus G alpha q subunit protein pathways mediate vasopressin dysregulation and fluid retention in salt-sensitive rats. Endocrinology. 2010 Nov;151(11):5403-14. PMID: 20861238. *Publication Highlighted in Endocrine News*
7. **Wainford RD**, Kapusta DR. Functional selectivity of central Gα-subunit proteins in mediating the cardiovascular and renal excretory responses evoked by central α(2)-adrenoceptor activation in vivo. Br J Pharmacol. 2012 May; 166(1):210-220. PMID: 21895632.
8. Tadashi, TK, Sukinov S, **Wainford RD**, Kapusta DR, Delafontaine P. Angiotensin II reduces food intake by altering orexigenic neuropeptide expression in the mouse hypothalamus. Endocrinology. 2012 Mar; 153(3):1411-20. PMID: 22234465.
9. Kapusta DR, Pascale CL, **Wainford RD**. Brain heterotrimeric $G\alpha i_2$-subunit protein-gated pathways mediate central sympathoinhibition to maintain fluid and electrolyte homeostasis during stress. FASEB Journal. 2012. 26(7):2776-87. PMID: 22459149.
10. Kapusta DR, Pascale CL, Kuwabara JT, **Wainford RD**. CNS $G\alpha i_2$–Subunit Proteins Maintain Salt-resistance Via a Renal Nerve Dependent Sympathoinhibitory Pathway. Hypertension. 2013. Feb; 61(2): 368-375. PMID: 23213191.
11. **Wainford RD**, Pascale CL, Kuwabara JT. Brain $G\alpha i_2$ proteins participate in the natriuretic and sympathoinhibitory responses evoked by a non-pressor isovolumetric sodium load. Journal of Hypertension. 2013 Feb 7 [Epub ahead of print]. PMID: 23391983.