

SELECTED NEUTROPHIL RESEARCH PUBLICATIONS

CITING AGILENT SEAHORSE XF DATA



Chacko, B. K., *et al.* **Methods for defining distinct bioenergetic profiles in platelets, lymphocytes, monocytes, and neutrophils, and the oxidative burst from human blood.** Lab Invest. 2013. 93: 690-700.

Chacko, B. K., *et al.* **Pleiotropic effects of 4-hydroxynonenal on oxidative burst and phagocytosis in neutrophils.** Redox Biology. 2016. 9: 57-66.

Davies, L. C., *et al.* **Peritoneal tissue-resident macrophages are metabolically poised to engage microbes using tissue-niche fuels.** Nat Commun. 2017. 8: 2074.

Foote, J. R., *et al.* **An Exploration of Charge Compensating Ion Channels across the Phagocytic Vacuole of Neutrophils.** Front Pharmacol. 2017. 8: 94.

Jones, R., *et al.* **Mutations in succinate dehydrogenase B (SDHB) enhance neutrophil survival independent of HIF-1alpha expression.** Blood. 2016. 127: 2641-4.

Kovacs, I., *et al.* **Comparison of proton channel, phagocyte oxidase and respiratory burst levels between human eosinophil and neutrophil granulocytes.** Free radical research. 2014. 1-37.

Kramer, P. A., *et al.* **Hemoglobin-associated oxidative stress in the pericardial compartment of postoperative cardiac surgery patients.** Laboratory investigation; a journal of technical methods and pathology. 2014.

Kramer, P. A., *et al.* **Inhibition of the lymphocyte metabolic switch by the oxidative burst of human neutrophils.** Clinical science. 2015.

Levine, A. P., *et al.* **Alkalinity of Neutrophil Phagocytic Vacuoles Is Modulated by HVCN1 and Has Consequences for Myeloperoxidase Activity.** PloS one. 2015. 10: e0125906.

Miriyala, S., *et al.* **Arjunolic acid ameliorates reactive oxygen species via inhibition of p47-serine phosphorylation and mitochondrial dysfunction.** The international journal of biochemistry & cell biology. 2015. 68: 70-77.

Seredenina, T., *et al.* **A subset of N-substituted phenothiazines inhibits NADPH oxidases.** Free radical biology & medicine. 2015.

Sadiku, P., *et al.* **Prolyl hydroxylase 2 inactivation enhances glycogen storage and promotes excessive neutrophilic responses.** J Clin Invest. 2017. 127: 3407-3420.

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