SELECTED T CELL RESEARCH PUBLICATIONS
CITING AGILENT SEAHORSE XF DATA

Baixauli, F., *et al.* **Mitochondrial Respiration Controls Lysosomal Function during Inflammatory T Cell Responses.** Cell Metabolism. 2015. 22: 485-98.

Case, A. J., *et al.* **Mitochondrial Superoxide Signaling Contributes to Norepinephrine-Mediated T-Lymphocyte Cytokine Profiles.** PLoS One. 2016. 11: e0164609.

Chamoto, K., *et al.* **Mitochondrial activation chemicals synergize with surface receptor PD-1 blockade for T cell-dependent antitumor activity.** Proc Natl Acad Sci U S A. 2017. 114: E761-E770.

Chen, X. L., *et al.* **GIMAP5 Deficiency Is Associated with Increased AKT Activity in T Lymphocytes.** PLoS One. 2015. 10: e0139019.

Cho, J., *et al.* **Mitochondrial ATP transporter Ant2 depletion impairs erythropoiesis and B lymphopoiesis.** Cell death and differentiation. 2015.

Crompton, J. G., *et al.* **Akt inhibition enhances expansion of potent tumor-specific lymphocytes with memory cell characteristics.** Cancer research. 2015. 75: 296-305.

Deng, J., *et al.* **Homocysteine Activates B Cells via Regulating PKM2-Dependent Metabolic Reprogramming.** J Immunol. 2016.

Edwards, M. R., *et al.* **Metabolic dysfunction in lymphocytes promotes postoperative morbidity.** Clinical science. 2015.

Franchi, L., *et al.* **Inhibiting Oxidative Phosphorylation In Vivo Restrains Th17 Effector Responses and Ameliorates Murine Colitis.** J Immunol. 2017. 198: 2735-2746.

Hukelmann, J. L., *et al.* **The cytotoxic T cell proteome and its shaping by the kinase mTOR.** Nat Immunol. 2015.

Killer, M. C., *et al.* **Immunosuppressive capacity of mesenchymal stem cells correlates with metabolic activity and can be enhanced by valproic acid.** Stem Cell Res Ther. 2017. 8: 100.

Koh, M. Y., *et al.* **A new HIF-1alpha/RANTES driven pathway to hepatocellular carcinoma mediated by germline haploinsufficiency of SART1/HAF.** Hepatology. 2016.

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

Lee, C. F., *et al.* **Preventing Allograft Rejection by Targeting Immune Metabolism.** Cell Rep. 2015. 13: 760-70.

Ma, C., *et al.* **NAFLD causes selective CD4(+) T lymphocyte loss and promotes hepatocarcinogenesis.** Nature. 2016. 531: 253-7.

Ma, E. H., *et al.* **Serine Is an Essential Metabolite for Effector T Cell Expansion.** Cell Metab. 2017. 25: 345-357.

Mambetsariev, N., *et al.* **TRAF3 deficiency promotes metabolic reprogramming in B cells.** Sci Rep. 2016. 6: 35349.

McIver, Z. A., *et al.* **Targeting T Cell Bioenergetics by Modulating P-Glycoprotein Selectively Depletes Alloreactive T Cells To Prevent Graft-versus-Host Disease.** J Immunol. 2016.

Nicholas, D., *et al.* **Advances in the quantification of mitochondrial function in primary human immune cells through extracellular flux analysis.** PLoS One. 2017. 12: e0170975.

Palmer, C. S., *et al.* **Emerging Role and Characterization of Immunometabolism: Relevance to HIV Pathogenesis, Serious Non-AIDS Events, and a Cure.** J Immunol. 2016. 196: 4437-44.

Park, K., *et al.* **The transcription factor NR4A3 controls CD103+ dendritic cell migration.** J Clin Invest. 2016. 126: 4603-4615.

Saitakis, M., *et al.* **Different TCR-induced T lymphocyte responses are potentiated by stiffness with variable sensitivity.** Elife. 2017. 6:

Soni, C., *et al.* **Distinct and synergistic roles of FcgammaRIIB deficiency and 129 strain-derived SLAM family proteins in the development of spontaneous germinal centers and autoimmunity.** Journal of autoimmunity. 2015.

Sukumar, M., *et al.* **Mitochondrial Membrane Potential Identifies Cells with Enhanced Stemness for Cellular Therapy.** Cell Metab. 2015.

Tarrant, J. M., *et al.* **Preclinical models of nicotinamide phosphoribosyltransferase inhibitor-mediated hematotoxicity and mitigation by CO-treatment with nicotinic acid.** Toxicology mechanisms and methods. 2015. 1-11.

Tyrrell, D. J., *et al.* **Blood-Cell Bioenergetics are Associated With Physical Function and Inflammation in Overweight/Obese Older Adults.** Experimental gerontology. 2015.

van Haaften-Visser, D. Y., *et al.* **Ankyrin repeat and zinc-finger domain-containing 1 mutations are associated with infantile-onset inflammatory bowel disease.** J Biol Chem. 2017. 292: 7904-7920.

Verbist, K. C., *et al.* **Metabolic maintenance of cell asymmetry following division in activated T lymphocytes.** Nature. 2016. 532: 389-393.

Viel, S., *et al.* **TGF-beta inhibits the activation and functions of NK cells by repressing the mTOR pathway.** Sci Signal. 2016. 9: ra19.

Williams, J., *et al.* **Monocyte Mitochondrial Function in Calcium Oxalate Stone Formers.** Urology. 2016.

Willinger, T., *et al.* **Dynamin 2-dependent endocytosis sustains T-cell receptor signaling and drives metabolic reprogramming in T lymphocytes.** Proceedings of the National Academy of Sciences of the United States of America. 2015. 112: 4423-8.

Wong, E. B., *et al.* **B Cell-Intrinsic CD84 and Ly108 Maintain Germinal Center B Cell Tolerance.** Journal of immunology. 2015.

Published in the USA

Agilent Technologies