

Publications LHCN-M2

Version: May 2021

Evercyte Ord. No.: CkHT-040-231-2

Tumova S, Houghton MJ, Williamson G (2020) The effect of quercetin on endothelial cells is modified by heterocellular interactions. *Food Funct.* 2020 May 1;11(5):3916-3925. <https://pubmed.ncbi.nlm.nih.gov/32363357/>

Bhanu NV, Sidoli S, Yuan ZF, Molden RC, Garcia BA (2019) Regulation of proline-directed kinases and the trans-histone code H3K9me3/H4K20me3 during human myogenesis. *J Biol Chem.* 2019 May 17;294(20):8296-8308. <https://pubmed.ncbi.nlm.nih.gov/30872405/>

Houghton MJ, Kerimi A, Mouly V, Tumova S, Williamson G (2019) Gut microbiome catabolites as novel modulators of muscle cell glucose metabolism. *FASEB J.* 2019 Feb;33(2):1887-1898. <https://pubmed.ncbi.nlm.nih.gov/30183376/>

Dargelos E, Renaud V, Decossas M, Bure C, Lambert O, Poussard S (2018) Caveolae-mediated effects of TNF- α on human skeletal muscle cells. *Exp Cell Res.* 2018 Sep 15;370(2):623-631. <https://pubmed.ncbi.nlm.nih.gov/30031131/>

Montori-Grau M, Pedreira-Casahuga R, Boyer-Díaz Z, Lassot I, García-Martínez C, Orozco A, Cebrià J, Osorio-Conles O, Chacón MR, Vendrell J, Vázquez-Carrera M, Desagher S, Jiménez-Chillarón JC, Gómez-Foix AM (2018) GNIP1 E3 ubiquitin ligase is a novel player in regulating glycogen metabolism in skeletal muscle. *Metabolism.* 2018 Jun;83:177-187. <https://pubmed.ncbi.nlm.nih.gov/29466708/>

Najjar F, Rizk F, Carnac G, Nassar R, Jabak S, Sobolev AP, Bou Saada Y, El Sabban M, Hamade A (2017) Protective effect of *Rhus coriaria* fruit extracts against hydrogen peroxide-induced oxidative stress in muscle progenitors and zebrafish embryos. *PeerJ.* 2017 Dec 12;5:e4144. <https://pubmed.ncbi.nlm.nih.gov/29250470/>

Vitucci D, Imperlini E, Arcone R, Alfieri A, Canciello A, Russomando L, Martone D, Cola A, Labruna G, Orrù S, Tafuri D, Mancini A, Buono P (2018) Serum from differently exercised subjects induces myogenic differentiation in LHCN-M2 human myoblasts. *J Sports Sci.* 2018 Jul;36(14):1630-1639. <https://pubmed.ncbi.nlm.nih.gov/29160161/>

Maurer M, Bougoin S, Feferman T, Frenkian M, Bismuth J, Mouly V, Clairac G, Tzartos S, Fadel E, Eymard B, Fuchs S, Souroujon MC, Berrih-Aknin S (2015) IL-6 and Akt are involved in muscular pathogenesis in myasthenia gravis. *Acta Neuropathol Commun.* 2015 Jan 15;3:1. <https://pubmed.ncbi.nlm.nih.gov/25627031/>

Meyer SU, Thirion C, Poleskaya A, Bauersachs S, Kaiser S, Krause S, Pfaffl MW (2015) TNF- α and IGF1 modify the microRNA signature in skeletal muscle cell differentiation. *Cell Commun Signal.* 2015 Jan 29;13:4. <https://pubmed.ncbi.nlm.nih.gov/25630602/>

Salvadó L, Barroso E, Gómez-Foix AM, Palomer X, Michalik L, Wahli W, Vázquez-Carrera M (2014) PPAR β/δ prevents endoplasmic reticulum stress-associated inflammation and insulin resistance in skeletal muscle cells through an AMPK-dependent mechanism. *Diabetologia.* 2014 Oct;57(10):2126-35. <https://pubmed.ncbi.nlm.nih.gov/25063273/>

Salvadó L, Coll T, Gómez-Foix AM, Salmerón E, Barroso E, Palomer X, Vázquez-Carrera M (2013) Oleate prevents saturated-fatty-acid-induced ER stress, inflammation and insulin resistance in skeletal muscle cells through an AMPK-dependent mechanism. *Diabetologia.* 2013 Jun;56(6):1372-82. <https://pubmed.ncbi.nlm.nih.gov/23460021/>

Roumes H, Pires-Alves A, Gonthier-Maurin L, Dargelos E, Cottin P (2010) Investigation of peroxiredoxin IV as a calpain-regulated pathway in cancer. *Anticancer Res.* 2010 Dec;30(12):5085-9.

<https://pubmed.ncbi.nlm.nih.gov/21187494/>

Roumes H, Leloup L, Dargelos E, Brustis JJ, Daury L, Cottin P (2010) Calpains: markers of tumor aggressiveness? *Exp Cell Res.* 2010 May 15;316(9):1587-99. <https://pubmed.ncbi.nlm.nih.gov/20193680/>

Zhu C, Kim J, Shay JW, Wright WE (2008) SGNP: an essential Stress Granule/Nucleolar Protein potentially involved in 5.8s rRNA processing/transport. *PLoS One.* 2008;3(11):e3716. <https://pubmed.ncbi.nlm.nih.gov/19005571/>

Zhu C, Mouly V, Cooper RN, Mamchaoui K, Bigot A, Shay JW, Di Santo JP, Butler-Browne GS, Wright WE (2007) Cellular senescence in human myoblasts is overcome by human telomerase reverse transcriptase and cyclin-dependent kinase 4: consequences in aging muscle and therapeutic strategies for muscular dystrophies. *Aging Cell.* 2007 Aug;6(4):515-23. <https://pubmed.ncbi.nlm.nih.gov/17559502/>
