

ARTICLES IN PEER-REVIEWED JOURNALS

2017

1. Lou P-H, Lucchinetti E, Scott KY, Huang Y, Gandhi M, Hersberger M, Clanachan AS, Lemieux H, Zaugg M. Dysfunctional fatty acid oxidation and sirtuin signaling characterize early type-2 diabetic hearts of fructose-fed rats. Accepted le 28 juillet 2017 dans *Physiol. Rep.* <https://www.ncbi.nlm.nih.gov/pubmed/28830979>.
2. Han WH, Gotzmann J, Kuny S, Huang H, Chan CB, Lemieux H, Sauvé Y (2017) Modifications in retinal mitochondrial respiration precede type 2 diabetes and protracted microvascular retinopathy. *Invest. Ophthalmol. Vis. Sci.* 58:3826-3839. <https://www.ncbi.nlm.nih.gov/pubmed/28763556>.
3. Kake-Guena SA, Touisse K, Warren BE, Scott KY, Dufresne F, Blier PU, Lemieux H (2017) Temperature-related differences in mitochondrial function among clones of the cladoceran *Daphnia pulex*. *J. Therm. Biol.* 69:23-31. <http://www.sciencedirect.com/science/article/pii/S0306456517300852>.
4. Lemieux H, Blier PU, Gnaiger E (2017) Remodelling pathway control of mitochondrial respiratory capacity by temperature in mouse heart: electron flow through the Q-junction in permeabilized fibers. *Sci. Rep.* <https://www.ncbi.nlm.nih.gov/pubmed/28588260>.
5. Yang N, Weinfeld M, Lemieux H, Montpetit B, Goping IS (2017) Photo-activation of the delocalized lipophilic cation D112 potentiates cancer selective ROS production and apoptosis. *Cell Death Dis.* 8: e2587. <https://www.ncbi.nlm.nih.gov/pubmed/28151485>.

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