

CORRECTION

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Correction to: What is known about the effects of exercise or training to reduce skeletal muscle impairments of patients with myotonic dystrophy type 1? A scoping review

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Abstract

An incorrect attribution of the first study regarding the effect of exercise in DM1 mouse models needs to be revised.

Main text

In this article, we cited Manta et al. 2019 [1] as the first study to publish about the effects of exercise in DM1 mouse models. This was an oversight considering that Ravel-Chapuis et al. 2018 [2] have reported in the last part of their “Results” section, presentation of the effects of wheel running on skeletal muscles of their DM1 mouse model. This article was published in October 2018 while the article of Manta et al. 2019 [1] was published in January 2019.

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References

1. Manta A, Stouth DW, Xhuti D, Chi L, Rebalka IA, Kalmar JM, et al. Chronic exercise mitigates disease mechanisms and improves muscle function in myotonic dystrophy type 1 mice. *J Physiol*. 2019;597(5):1361–81.
2. Ravel-Chapuis A, Al-Rewashdy A, Belanger G, Jasmin BJ. Pharmacological and physiological activation of AMPK improves the spliceopathy in DM1 mouse muscles. *Hum Mol Genet*. 2018;27(19):3361–76.

