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Corrigendum: Human abdominal subcutaneous-derived active beige adipocytes carrying *FTO* rs1421085 obesity-risk alleles exert lower thermogenic capacity

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KEYWORDS

adipocytes, beige, obesity, *FTO* rs1421085, thermogenesis, UCP 1, *SLC7A10*

A Corrigendum on

Human abdominal subcutaneous-derived active beige adipocytes carrying *FTO* rs1421085 obesity-risk alleles exert lower thermogenic capacity

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In the published article, there was an error. In the published article, the **Reference** “Bjune et al., 2005” was cited with an incorrect year of publication. The correct year of publication is 2019.

In the published article “Bjune, J. I., Haugen, C., Gudbrandsen, O., Nordbø, O. P., Nielsen, H. J., Våge, V., et al. (2019). *IRX5* regulates adipocyte amyloid precursor protein and mitochondrial respiration in obesity. *Int J Obes (Lond)*, 43(11), 2151–2162. <https://doi.org/10.1038/s41366-018-0275-y>” was not referenced in the article. The reference has now been inserted into the article.

A correction has been made to the **Introduction**. This sentence previously stated:

“In addition, *IRX5* silencing increased the mitochondrial respiration in isolated mouse adipocytes (Bjune et al., 2005).”

The corrected sentence appears below:

“In addition, *IRX5* silencing increased the mitochondrial respiration in isolated mouse adipocytes (Bjune et al., 2019).”

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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References

- Bjune, J. I., Haugen, C., Gudbrandsen, O., Nordbø, O. P., Nielsen, H. J., Våge, V., et al. (2019). IRX5 regulates adipocyte amyloid precursor protein and mitochondrial respiration in obesity. *Int J Obes (Lond)*. 43 (11), 2151–2162. doi:10.1038/s41366-018-0275-y