

CORRECTION

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Correction to: Endometrium metabolomic profiling reveals potential biomarkers for diagnosis of endometriosis at minimal-mild stages

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Correction to: *Reprod Biol Endocrinol* (2018) 16:42
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The authors regret that the incorrect identification of “omega-3 arachidonic acid” published in the original manuscript [1]. This classification is incorrect as arachidonic acid is an omega-6 polyunsaturated fatty acid. From a mechanistic standpoint, this mistake might have significance, as arachidonic acid is hypothesized to play a role in inflammatory processes. We have carefully double-checked our original data and compared the fragmentation spectra and m/z referring to Metlin Database again. We are sure that the metabolite should be arachidonic acid, instead of omega-3 arachidonic acid. Given that this misclassification is made in several places within the article’s abstract and text, a correction is warranted.

Accordingly, the name “omega-3 arachidonic acid” mentioned in the following parts should be corrected as “arachidonic acid”:

- In the results section of Abstract: “The eutopic endometrium metabolomic profile of the endometriosis patients was characterized by a significant increase in the concentration of hypoxanthine, L-arginine, L-tyrosine, leucine, lysine, inosine, omega-3 arachidonic acid, guanosine.....”.

- In the last paragraph of Introduction: “The eutopic endometrium metabolomic profile of endometriosis patients was characterized by a significant increase in the concentration of hypoxanthine, L-arginine, L-tyrosine, leucine, lysine, inosine, omega-3 arachidonic acid, guanosine.....”.
- In the first paragraph of the section with the subheading “Identification of detected metabolites” of Results: “Obviously, levels of hypoxanthine, L-arginine, L-tyrosine, leucine, lysine, inosine, omega-3 arachidonic acid, guanosine.....”
- In the first paragraph of Discussion: “In this regard, 11 metabolites including hypoxanthine, L-arginine, L-tyrosine, leucine, lysine, inosine, omega-3 arachidonic acid, guanosine.....”
- Figure 2D, “Omega-3 Arachidonic acid”
- In the third row of Figure 3, “omega-3 arachidonic acid”
- In the third graph in the first row of Figure 4, “Omega-3 Arachidonic acid”
- In the 4th row of RPLC mode in Table 2, “Omega-3 Arachidonic acid”

The authors would like to apologize for any inconvenience caused.

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Reference

1. Li J, et al. Endometrium metabolomic profiling reveals potential biomarkers for diagnosis of endometriosis at minimal-mild stages. *Reprod Biol Endocrinol.* 2018;16:42. <https://doi.org/10.1186/s12958-018-0360-z>.