



OPEN ACCESS

EDITED AND REVIEWED BY
Srabani Mukherjee,
National Institute for Research in
Reproductive Health (ICMR), India

*CORRESPONDENCE
Ying Xu
30245188@qq.com

SPECIALTY SECTION
This article was submitted to
Reproduction,
a section of the journal
Frontiers in Endocrinology

RECEIVED 07 July 2022
ACCEPTED 10 August 2022
PUBLISHED 04 October 2022

CITATION
Ma Y, Zheng L, Wang Y, Gao Y and
Xu Y (2022) Corrigendum: Arachidonic
acid in follicular fluid of PCOS induces
oxidative stress in a human ovarian
granulosa tumor cell line (KGN)
and upregulates GDF15 expression
as a response.
Front. Endocrinol. 13:988767.
doi: 10.3389/fendo.2022.988767

COPYRIGHT
© 2022 Ma, Zheng, Wang, Gao and Xu.
This is an open-access article
distributed under the terms of the
[Creative Commons Attribution License
\(CC BY\)](https://creativecommons.org/licenses/by/4.0/). The use, distribution or
reproduction in other forums is
permitted, provided the original
author(s) and the copyright owner(s)
are credited and that the original
publication in this journal is cited, in
accordance with accepted academic
practice. No use, distribution or
reproduction is permitted which does
not comply with these terms.

Corrigendum: Arachidonic acid in follicular fluid of PCOS induces oxidative stress in a human ovarian granulosa tumor cell line (KGN) and upregulates GDF15 expression as a response

Yalan Ma¹, Lianwen Zheng¹, Yeling Wang²,
Yiyin Gao¹ and Ying Xu^{1*}

¹Reproductive Medical Center, Department of Obstetrics and Gynecology, The Second Hospital of Jilin University, Changchun, China, ²Cardiovascular Medicine Department, The First Hospital of Jilin University, Changchun, China

KEYWORDS

PCOS, arachidonic acid, oxidative stress (OS), human ovarian granulosa tumor cell line (KGN), GDF15, response

A corrigendum on:

Arachidonic acid in follicular fluid of pcos induces oxidative stress in a human ovarian granulosa tumor cell line (KGN) and upregulates GDF15 expression as a response

by Ma Y, Zheng L, Wang Y, Gao Y, Xu Y (2022) *Front. Endocrinol.* 13:865748.
doi: 10.3389/fendo.2022.865748

In the published article, there was an error. The product information of recombinant protein GDF15 that was present in the article needs to be corrected.

A correction has been made to **MATERIALS AND METHODS**, *Treatment of KGN Cells*, Paragraph Number 1. This sentence previously stated:

“KGN cells pretreated with or without buthionine sulfoximine (BSO) (10 mM) for 1h, and added with or without recombinant GDF15 (50ng/ml)(rGDF15; Abnova, Taipei City, Taiwan) for 4 h in advance, were also exposed to 50 mM AA for 12 h.”

The corrected sentence appears below:

“KGN cells pretreated with or without buthionine sulfoximine (BSO) (10 mM) for 1h, and added with or without recombinant GDF15 (50ng/ml)(rGDF15; Abnova, Taiwan, China) for 4 h in advance, were also exposed to 50 mM AA for 12 h.”

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.

Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated

organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.