

CORRECTION

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# Correction to: A cross-sectional study on the correlation between cytokines in a pelvic environment and tubal factor infertility

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**Correction to: BMC Pregnancy Childbirth 20, 644 (2020)**

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Following publication of the original article [1], the authors reported an error in the Results and additional supporting funding in the Funding section.

In the Results section, paragraph must read:

Compared to the patients with uterine fibroids, patients with secondary TFI showed significantly higher levels of TNF- $\alpha$ , IL-8, IL-6, and TGF- $\beta$ 1 in the serum samples, whereas the serum cytokine concentrations were statistically significant between patients with primary TFI and the control group (Table 1). Both primary and secondary TFI groups showed significantly elevated levels of TNF- $\alpha$ , IL-8, IL-6, and TGF- $\beta$ 1 in the peritoneal fluid as compared to patients with uterine fibroids (Table 2). However, physiological differences require further discussion.

We next compared the serum levels of TNF- $\alpha$ , IL-8, IL-6, and TGF- $\beta$ 1 between the primary and secondary infertility groups and found no significant differences (Table 5). The cytokine levels in peritoneal fluid samples were statistically significant in statistics but maybe not in

physiologically between the primary and secondary TFI groups (Table 6).

Funding section must read:

#### Funding

Yunnan Province Famous Doctor Plan (YNWR-MY-2018-014);

Martin Expert Workstation (2018IC106).

National Natural Science Foundation of China, 31700798;

High talent Project of Yunnan Province, YNQR-QNRC-2018-126.

Reserve talent of Medicine Yunnan Province, H-2017024.

Kunming Medical Union Project, 2018FE001 (–155).

Yunnan Clinical Medical Center for Reproductive Genetic Diseases: ZX2019-01-01.

Health science and technology plan projects of Yunnan Province (NO. 2017 ns214, 2017 ns215, 2017 ns216, 2018 ns0235, 2018 ns0236).

The original article [1] has been updated.

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## References

1. Yan J, Liu C, Zhao H, et al. A cross-sectional study on the correlation between cytokines in a pelvic environment and tubal factor infertility. *BMC Pregnancy Childbirth*. 2020;20:644. <https://doi.org/10.1186/s12884-020-03322-y>.

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