

CORRECTION

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Correction: Lactic acid bacteria alleviate polycystic ovarian syndrome by regulating sex hormone related gut microbiota

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Correction for 'Lactic acid bacteria alleviate polycystic ovarian syndrome by regulating sex hormone related gut microbiota' by Yufeng He *et al.*, *Food Funct.*, 2020, **11**, 5192–5204, DOI: 10.1039/C9FO02554E.

The authors regret that one of the bacterial strains, HB1, was identified incorrectly in Table 1. The correct version of Table 1 is shown below.

Consequently, sections of the text in the manuscript should be adjusted according to this change, and these are detailed below.

The sentence in section 3.6 beginning "Microbial taxa in the Diane-35..." should be correctly given as "Microbial taxa in the Diane-35, *L. plantarum* HL2, HB1, *B. bifidum* HB2, and *B. breve* HB5 groups are more distinguishable than those in other groups."

In addition, the authors regret that the value of the percentage of the dioestrus phase of HB1 strain treated rats is incorrect in Table 2 due to a calculation error. The correct version of Table 2 is shown below and this change has no effect on the results of the work.

Table 1 Bacterial strains used in this study

Strain	Species	Origin	Regional information
HL1	<i>Lactobacillus plantarum</i>	Pickle	Chengdu, Sichuan Province, China
HL2	<i>Lactobacillus plantarum</i>	Human feces, female	Huhehaote, Neimengu Province, China
HL3	<i>Lactobacillus reuteri</i>	Human feces, female	Yangzhou, Jiangsu Province, China
HB1	<i>Lactobacillus plantarum</i>	Human feces, female	Wuxi, Jiangsu Province, China
HB2	<i>Bifidobacterium bifidum</i>	Human feces, female	Nantong, Jiangsu Province, China
HB3	<i>Bifidobacterium longum</i>	Human feces, male	Zhongxiang, Hubei Province, China
HB4	<i>Bifidobacteria breve</i>	Human feces, female	Bama, Guangxi Province, China
HB5	<i>Bifidobacteria breve</i>	Human feces, male	Aba, Sichuan Province, China

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Table 2 Percentage of the dioestrus phase of the different experimental groups

Groups	Dioestrus phase (% of total)
Control	32.00 ± 10.95 [#]
Letrozole	100.00 ± 0.00*
Diane-35	73.33 ± 24.22* [#]
HL1	93.33 ± 16.33*
HL2	76.67 ± 36.70* [#]
HL3	96.67 ± 8.16*
HB1	96.67 ± 8.16*
HB2	93.33 ± 10.33*
HB3	86.67 ± 24.22*
HB4	90.00 ± 16.73*
HB5	90.00 ± 16.73*

Percentage of the dioestrus phase for the last 5 days of the animal protocol. Data are expressed as mean ± SD ($n = 6$ per group); * $p < 0.05$ versus the control group, [#] $p < 0.05$ versus the letrozole group (LSD test).

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

