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CORRECTION



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

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DOI: 10.1039/d1fo90033a rsc.li/food-function 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	Lactobacillus plantarum	Pickle	Chengdu, Sichuan Province, China
HL2	Lactobacillus plantarum	Human feces, female	Huhehaote, Neimengu Province, China
HL3	Lactobacillus reuteri	Human feces, female	Yangzhou, Jiangsu Province, China
HB1	Lactobacillus plantarum	Human feces, female	Wuxi, Jiangsu Province, China
HB2	Bifidobacterium bifidum	Human feces, female	Nantong, Jiangsu Province, China
HB3	Bifidobacterium longum	Human feces, male	Zhongxiang, Hubei Province, China
HB4	Bifidobacteria breve	Human feces, female	Bama, Guangxi Province, China
HB5	Bifidobacteria breve	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	$32.00 \pm 10.95^{\#}$
Letrozole	$100.00 \pm 0.00^*$
Diane-35	$73.33 \pm 24.22^{*\#}$
HL1	93.33 ± 16.33*
HL2	$76.67 \pm 36.70^{*\#}$
HL3	$96.67 \pm 8.16^*$
HB1	$96.67 \pm 8.16^*$
HB2	$93.33 \pm 10.33^*$
HB3	$86.67 \pm 24.22^*$
HB4	$90.00 \pm 16.73^*$
HB5	$90.00 \pm 16.73^*$

Percentage of the dioestrus phase for the last 5 days of the animal protocol. Data are expressed as mean \pm 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.