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CORRECTION

Correction to: Enhanced Biosynthesis of Furoic Acid via the Effective Pretreatment of Corncob into Furfural in the Biphasic Media

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An error appeared in our paper entitled "Enhanced Biosynthesis of Furoic Acid via the Effective Pretreatment of Corncob into Furfural in the Biphasic Media" published in Catalysis Letters. Unfortunately, there are some mistakes in the values and equation in the Sect. 2.3 Conversion of Corncob to FAL and in Table 2. The correct paragraph of Sect. 2.3 Conversion of Corncob to FAL and Table 2 are as follows.

2.3 Conversion of Corncob to FAL

In a 100-mL sealed stainless steel reactor (Shanghai Yushen instrument Co., LTD. P.R. China), 40–60 mesh of corncob powders (3.0 g, dry weight; 32.5 wt% cellulose, 29.0 wt% hemicellulose, and 21.7 wt% of lignin), HCl (0.1–1.0 wt%, pH 0.5–1.4) and Sn-BTN (0.8–6.0 wt%) were well mixed in 40 mL MIBK-H_2O (0:10–7:3, v:v) media. This mixture was incubated at 130–180 °C for 20–45 min. The yield of FAL was calculated as below equation:

$$\text{Yield}_{\text{FAL}} = (\text{g FAL detected})/(\text{g hemicellulose in corncob}) \times 100\%$$

Rui-Qin Zhang and Cui-Luan Ma contributed equally to this work.

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Table 2 Conversion of corncob into FA via chemoenzymatic approach in the aqueous media and biphasic media

Reaction media	Conversion of corncob[a]		Bioconversion of FAL[b]
	Hemicellulose removal, %[c]	FAL produced, mM	FA yield, % (based on the hemicellulose in corncob)
The aqueous media (water)	100	75.4 ± 1.8	38.9 ± 2.2
The MIBK-water (5:5, v:v) biphasic media	100	103.4 ± 2.7	53.3 ± 2.4

[a]In a 100-mL sealed stainless steel reactor, 40–60 mesh of corncob powders (3.0 g, dry weight; 32.5 wt% cellulose, 29.0 wt% hemicellulose, 21.7 wt% of lignin) and Sn-BTN (3.5 wt%) were well mixed in 40 mL water or MIBK-water (5:5, v:v) media (pH 1.0). This mixture was incubated at 170 °C for 30 min

[b]Biotransformation of corncob-derived FAL into FA with whole-cells at 30 °C and pH 6.5

[c]The hemicellulose content of corncob was determined according to the procedures of the National Renewable Energy Laboratory (NREL) [41]