

Corrigendum to “Reactive oxygen species in plasma against E. coli cells survival rate”

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CORRIGENDUM

Corrigendum to "Reactive oxygen species in plasma against *E. coli* cells survival rate"

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Recently, we found some errors in Fig. 3 of the article *Chin. Phys. B* **24** 085201 (2015). Upon a thorough examination of the raw data materials, we confirm that the image error did not impact any of the findings and conclusions of the paper. Based on this, we have made corrections to the original article.

Keywords: atmospheric-pressure plasma, reactive oxygen species, inactivation efficiency

PACS: 99.10.–x **DOI:** 10.1088/1674-1056/acfb7b

During the preparation of Fig. 3 in Ref. [1], some of the plate pictures were inappropriately used, resulting in an overlap of pictures for the "Plasma treated for 30 s", "Plasma treated for 1 min" and "Plasma treated for 3 min" in Fig. 3(a). For Fig. 3(b) of the "H_2O_2" treatment, a re-use permission/statement was missed, and should be provided from Ref. [2]. For Fig. 3(c) of "O_3", the images were mistakenly sourced. It is also required to clearly mention in the figure legend that the control for these three groups was the same, which received no treatment. Upon a thorough examination of the raw data materials, the authors confirm that the image error did not impact any of the findings and conclusions of the paper. The authors would like to apologize for any inconvenience caused.

Here the authors provide the corrected Fig. 3 as follows.

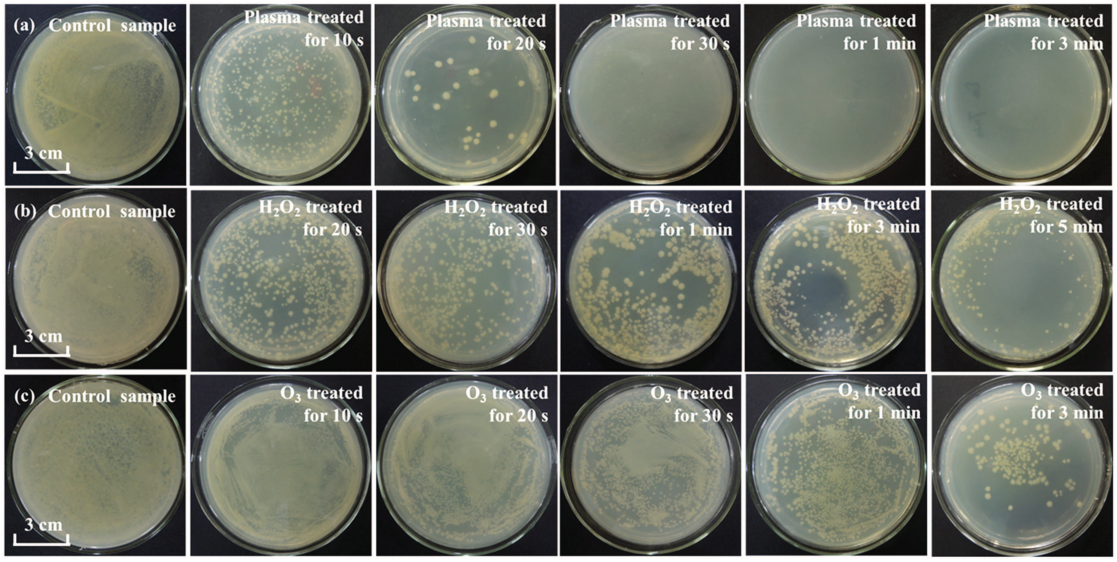


Fig. 3. Photographs of *E. coli* samples after treatment, showing that the *E. coli* samples spread on agar plates and are being incubated. The samples have been treated by using (a) the APPJ, (b) 5% hydrogen peroxide solution, (c) O_3 gas. The plasma treatments have been performed at $V_P = 4.5$ kV within different treatment times. The control group represents the *E. coli* sample without any treatments. Panel (b) is reused with permission from Ref. [2].

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