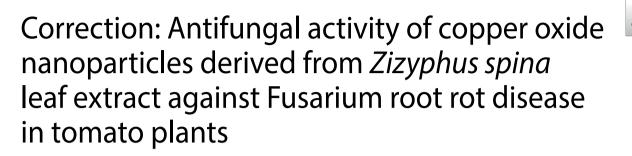
# CORRECTION





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Following publication of the original article [1], it was noted due to a typesetting error the figures and tables were positioned incorrectly in the PDF version of the article.

### Figure 1:

The incorrect position is: Page 7 The correct position is: Page 8 " after title: Green synthesis of CuO Zs NPs"

### **<u>Figure 2</u>**: The incorrect position is: Page 8

The online version of the original article can be found at https://doi. org/10.1186/s12951-023-02281-8.

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<sup>5</sup>Water Pollution Research Dep, National Research Centre, Dokki, Egypt <sup>6</sup>Central Lab of Organic Agriculture, Agricultural Research Center (ARC), 9 Gamaa St, Giza 12619, Egypt The correct position is: Page 9 "after title: Morphology and size distribution of CuO NPs"

#### Figure 3:

The incorrect position is: Page 9 The correct position is: Page 10 " after title: FT IR analysis"

### Figure 4:

The incorrect position is: Page 10 The correct position is: Page 12 "after title: In vitro antifungal activity effect of CuO Zs NPs"

## Figure 5:

The incorrect position is: Page 11

The correct position is: Page 13 "after title: Effect of CuO Zs NPs treatments on seed germinationand growth vigor"

### Figure 6:

The incorrect position is: Page 12

The correct position is: Page 13 "after title: Effect of CuO Zs NPs treatments on seed germinationand growth vigor"



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#### Figure 7:

The incorrect position is: Page 12 The correct position is: Page 14 after title: Effectiveness of CuO Zs NPs against Fusarium root rot disease infecting tomato plants"

#### Figure 8:

The incorrect position is: Page 13 The correct position is: Page 15 "after title: Growth and Physiological parameters Effect on plant height, weight, and chlorophyll content"

#### Figure 9:

The incorrect position is: Page 14

The correct position is: Page 16 "after title: Growth and Physiological parameters Effect on plant height, weight, and chlorophyll content"

#### Figure 10:

The incorrect position is: Page 14

The correct position is: Page 16 "after title: Growth and Physiological parameters Effect on plant height, weight, and chlorophyll content"

#### Figure 11:

The incorrect position is: Page 16 The correct position is: Page 17 "after title: Effect of CuO Zs NPs on enzymatic activities of treated plants"

### Figure 12:

The incorrect position is: Page 18 The correct position is: Page 20 "after title: Pollen grain analysis" The incorrect position is: Page 19 The correct position is: Page 21 "after title: Pollen grain analysis"

#### Table 1:

The incorrect position is: Page 10 The correct position is: Page 12 "after title: In vitro antifungal activity effect of CuO Zs NPs"

#### Table 2:

The incorrect position is: Page 16 The correct position is: Page 17 "after title : Determination of Cu content in terminal apical tomato Tissues"

#### Table 3:

The incorrect position is: Page 19 The correct position is: Page 21 after title " Pollen grain analysis"

The original article [1] has been corrected.

Published online: 16 February 2024

#### Reference

 El-Abeid SE, Mosa MA, El-Tabakh MAM, Saleh AM, El-Khateeb MA, Haridy MSA. Antifungal activity of copper oxide nanoparticles derived from *Zizyphus spina* leaf extract against Fusarium root rot disease in tomato plants. J Nanobiotechnol. 2024;22:28.

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