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Correction

Correction: Wu et al. A Novel Truncated DNAzyme Modified Paper Analytical Device for Point-of-Care Test of Copper Ions in Natural Waters. *Chemosensors* 2022, *10*, 72

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The authors make the following corrections to the published paper [1].

1. Changes to Section 1: Introduction

In paragraph 3, the sentence "Recently, Liu et al. [15] has selected one kind of DNAzyme named CLICK-17, a long single-stranded DNA with 76 bases (76-nt)" should be changed to "Recently, Liu et al. [15] has selected one kind of DNAzyme named CLICK-17, a long single-stranded DNA with 79 bases (79-nt)".

In paragraph 3, the sentence "However, CLICK-17′s fabrication cost is a bit expensive due to its 76 bases." should be "However, CLICK-17′s fabrication cost is a bit expensive due to its 79 bases."

In paragraph 3, the sentence "Because 18-nt CLICK-T is much shorter than 76-nt CLICK-17" should be "Because 18-nt CLICK-T is much shorter than 79-nt CLICK-17".

2. Changes to Section 2.1: Materials and Instruments

In paragraph 3, the sentence "5′-GGA TCG TCA GTG CAT TGA GAT TTA TTA TGC AAC TCTA GGG TCC ACT CTG TGA ATG TGA CGG TGG TAT CCG CAA CGG GTA -C6-NH2-3′" should be changed to "5′-GGA TCG TCA GTG CAT TGA GAT TA TTA TGC AAC TCTAT GGG TCC ACT CTG TGA ATG TGA CGG TGG TAT CCG CAA CGG GTA-3′".

In paragraph 6, the sentence "CLICK-T: 5′-TTA TTA TGC AAC TCTA -C6-NH_2-3′" should be changed to "CLICK-T: 5′-TTA TTA TGC AAC TCTAT G-C6-NH_2-3′".

3. Changes to Section 3.1: The Feasibility of Copper Detection by the CLICK-T Modified PADs

In the original article, due to the inaccurate setting of the electrophoresis parameter, there was a mistake in Figure 3 as published. The corrected Figure 3 appears below.

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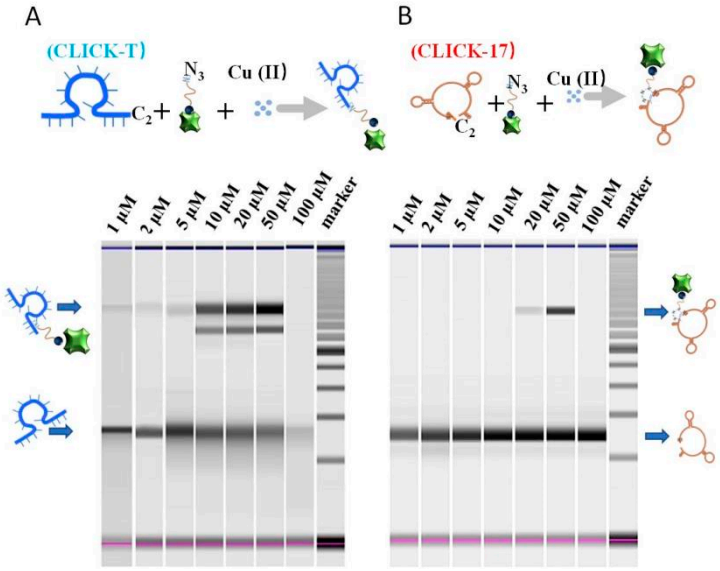

Figure 3. (**A**) CLICK-T- and (**B**) CLICK-17-assisted CuAAC reaction triggered by (1, 2, 5, 10, 20, 50, 100 μM of Cu(II)) in the presence of 4 μM CLICK-17 and CLICK-T labeled with alkyne groups and 100 μM Streptavidin with azide group in pH 6.5, 25 mM HEPES.

4. Changes to Section Supplementary Materials

On page 12, the heading in Table S3 was not shown; it should be added as "Table S3. The pH, dissolved oxygen, ion concentrations of the water samples".

5. Changes to Acknowledgments

The sentence "We would like to thank Prof. Huang-zhong Yu in Department of Chemistry of Simon Fraser University (Canada) for his help in the design and decoration of DNAzyme on paper." should be "We would like to express our gratitude to Huang-Zhong Yu and Kun Liu in the Department of Chemistry at Simon Fraser University (Canada) for their helpful discussions on the design and decoration of the CLICK-17 DNAzyme".

6. Change to Supplementary Table S1

The sequence "5′-GGA TCG TCA GTG CAT TGA GAT TTA TTA TGC AAC TCTA GGG TCC ACT CTG TGA ATG TGA CGG TGG TAT CCG CAA CGG GTA-C6-NH_2-3′" should be changed to "5′-GGA TCG TCA GTG CAT TGA GAT TA TTA TGC AAC TCTAT GGG TCC ACT CTG TGA ATG TGA CGG TGG TAT CCG CAA CGG GTA-3′".

7. Changes to Supplementary Page 9

In line 6 of paragraph 2, "generating the desirable sequence CLICK-T which was 19 bases" should be "generating the desirable sequence CLICK-T which was 18 bases".

8. Changes to Supplementary Table S2

In line 1, CLICK-17's sequence should be changed to "GGA TCG TCA GTG CAT TGA GAT TA TTA TGC AAC TCTAT GGG TCC ACT CTG TGA ATG TGA CGG TGG TAT CCG CAA CGG GTA".

In line 2, CLICK-T1's sequence should be changed to "CAT TGA GA TTA TTA TGC AAC TCTAT GGG TCC ACT CTG TGA".

In line 3, CLICK-T2's sequence should be changed to "TGA GA TTA TTA TGC AAC TCTAT GGG TCC ACT".

In line 3, CLICK-T2's Kd should be changed to "33.2 ± 1.2 nM".

In line 4, CLICK-T's sequence should be changed to "TTA TTA TGC AAC TCTAT G".

In line 4, Kd was not shown; it should be added as "28.12 ± 2.77 nM", which is same in paragraph 2 of page 9.

In line 5, CLICK-T3's sequence should be changed to "TTA TGC AAC TCTAT GGG".

9. Changes to Supplementary Table S2

All the red can be deleted and changed to black.

10. Changes to Supplementary Figure S6

All the red can be deleted and changed to black.

The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

Reference

1. Wu, J.; Wang, M.; Hong, H.; Lin, J.; Gan, N.; Bi, W. A Novel Truncated DNAzyme Modified Paper Analytical Device for Point-of-Care Test of Copper Ions in Natural Waters. *Chemosensors* **2022**, *10*, 72. [CrossRef]