



Correction to: Effect of Boric Acid on Metabolic Peptides and Some Biochemical Parameters in Experimental Diabetic Rats

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Correction to: Biological Trace Element Research

<https://doi.org/10.1007/s12011-023-03910-x>

The original version of this article unfortunately contained mistakes. Figures 1, 2, 3, and 4 and Tables 2 and 3 should have appeared as shown below

The original article has been corrected.

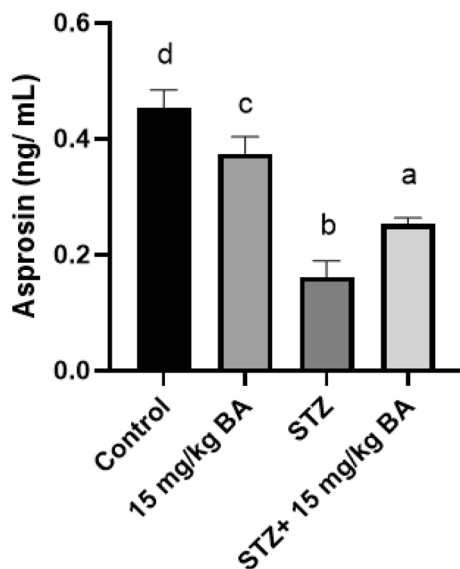


Fig. 1 Serum Asprosin (ng/mL). Values were given as mean and standard deviation. Boric acid (BA), Streptozotocin (STZ), different superscripts (a, b, c and d) indicate that the difference between groups is significant, (^{a,b,c,d} $p < 0.001$)

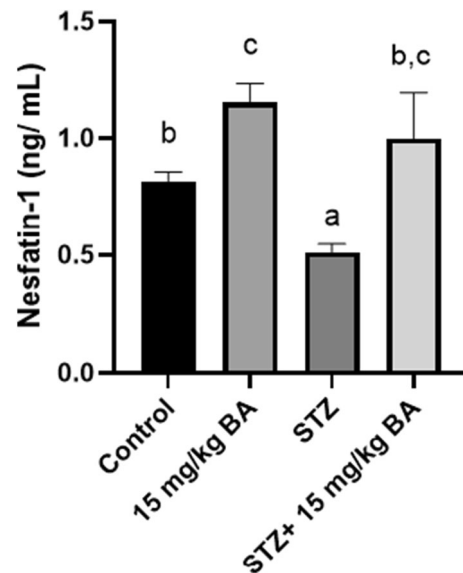


Fig. 2 Serum Nesfatin-1 (ng/mL). Values were given as mean and standard deviation. Boric acid (BA), Streptozotocin (STZ), different superscripts (a, b, and c) indicate that the difference between groups is significant, (^{a,b,c} $p < 0.001$)

The original article can be found online at <https://doi.org/10.1007/s12011-023-03910-x>.

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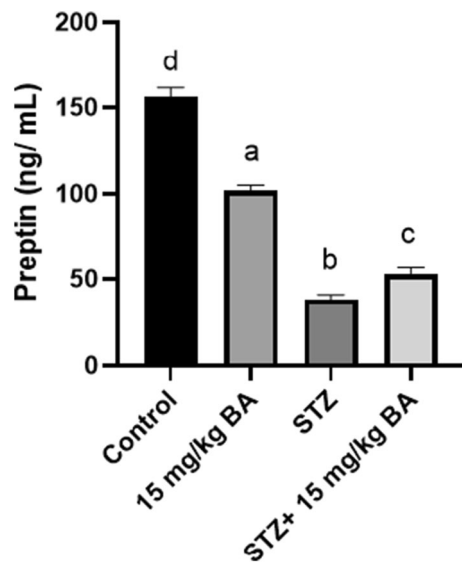


Fig. 3 Serum Preptin (ng/mL). Values were given as mean and standard deviation. Boric acid (BA), Streptozotocin (STZ), different superscripts (a, b, c and d) indicate that the difference between groups is significant, ($a,b,c,d p < 0.001$)

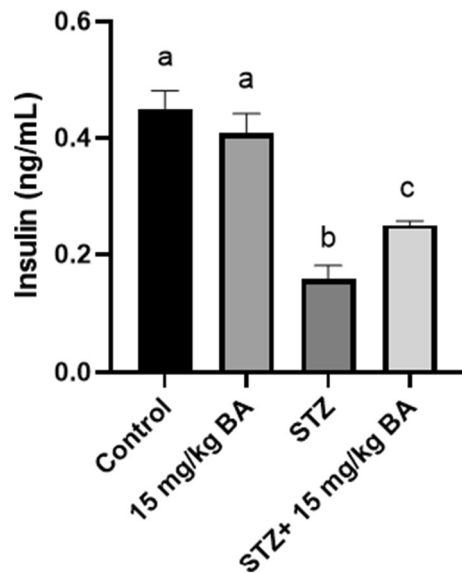


Fig. 4 Serum Insulin (ng/mL). Values were given as mean and standard deviation. Boric acid (BA), Streptozotocin (STZ), different superscripts (a, b, and c) indicate that the difference between groups is significant, ($a,b,c p < 0.001$)

Table 2 Blood serum TC, TG, LDL-C, HDL-C values, and AST, ALT activities

Groups	Control	15 mg /kg BA	STZ	STZ+ 15 mg/kg BA
TC (mg/dL)	125 ± 2.2 ^a	124 ± 2.3 ^a	186 ± 2.1 ^c	164 ± 3.3 ^b
TG (mg/dL)	152 ± 14.1 ^a	147 ± 6.1 ^a	252 ± 20.2 ^c	194 ± 7.3 ^b
HDL-C (mg/dL)	70 ± 2.9 ^c	66 ± 3.1 ^{a,b}	62 ± 1.2 ^a	67 ± 2.3 ^{b,c}
LDL-C (mg/dL)	46 ± 2.8 ^a	41 ± 4.2 ^a	70 ± 3.2 ^c	61 ± 3.5 ^b
AST (U/L)	77 ± 3.7 ^a	72 ± 3.5 ^a	236 ± 6.9 ^c	196 ± 7.4 ^b
ALT (U/L)	59 ± 2.4 ^a	54 ± 2.2 ^a	153 ± 3.1 ^c	67 ± 7.5 ^b

Values were given as mean and standard deviation. Boric acid (BA), Streptozotocin (STZ), total cholesterol (TC), triglyceride (TG), high-density lipoprotein cholesterol (HDL-C), low-density lipoprotein cholesterol (LDL-C), aspartate transaminase (AST), alanine transaminase (ALT). Different superscripts (a, b, and c) on the same line indicate that the difference between groups is significant, ($a,b,c p < 0.001$)

Table 3 Blood glucose values

Groups	Control	15 mg/kg BA	STZ	STZ+ 15 mg/kg BA
3rd day	111 ± 4.14 ^a	114 ± 2.5 ^a	299 ± 4.31 ^c	269 ± 7.6 ^b
15th day	109 ± 6.47 ^a	108 ± 2.8 ^a	335 ± 8.84 ^c	267 ± 3.73 ^b
28th day	108 ± 2.97 ^a	110 ± 3 ^a	342 ± 9.3 ^c	264 ± 3.8 ^b

Values were given as mean and standard deviation. Boric acid (BA), Streptozotocin (STZ), different superscripts (a, b, and c) on the same line indicate that the difference between groups is significant, ($a,b,c p < 0.001$)

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