

CORRECTION

Open Access



Correction to: *Acacia hydaspica* R. Parker ameliorates cisplatin induced oxidative stress, DNA damage and morphological alterations in rat pulmonary tissue

Tayyaba Afsar¹, Suhail Razak^{2,3*}, Ali Almajwal³ and Muhammad Rashid Khan¹

Correction to: BMC Complement Altern Med (2018) 18:49
<https://doi.org/10.1186/s12906-018-2113-0>

Following publication of the original article [1], the author reported that Tables 3 and 4 were incorrect due to a production error.

The corrected tables are given below.

Author details

¹Department of Biochemistry, Faculty of Biological Sciences, Quaid-i-Azam University, Islamabad, Pakistan. ²Department of Animal Sciences, Faculty of Biological Sciences, Quaid-i-Azam University, Islamabad, Pakistan.

³Department of Community Health Sciences, College of Applied Medical Sciences, King Saud University, Riyadh, Saudi Arabia.

Published online: 07 November 2019

Reference

1. Afsar, et al. *Acacia hydaspica* R. Parker ameliorates cisplatin induced oxidative stress, DNA damage and morphological alterations in rat pulmonary tissue. *BMC Complement Altern Med.* 2018;18:49. <https://doi.org/10.1186/s12906-018-2113-0>.

* Correspondence: ruhail12345@yahoo.com

²Department of Animal Sciences, Faculty of Biological Sciences, Quaid-i-Azam University, Islamabad, Pakistan

³Department of Community Health Sciences, College of Applied Medical Sciences, King Saud University, Riyadh, Saudi Arabia

Full list of author information is available at the end of the article



Table 3 Effect of cisplatin (CP) and different treatments of AHE on lung tissue antioxidant enzymes

Group	POD (U/min)	SOD (U/mg protein)	CAT (U/min)	QR (nM/min/mg protein)
Control	9.56 ± 0.635 ^b	1.366 ± 0.038 ^b	18.48 ± 0.058 ^b	128.2 ± 0.81 ^b
CP	5.03 ± 0.271 ^a	0.765 ± 0.019 ^a	10.83 ± 0.049 ^a	83.99 ± 0.486 ^a
AHE alone	10.29 ± 0.314 ^b	1.358 ± 0.058 ^b	18.57 ± 0.057 ^b	128.9 ± 0.179 ^b
CP + AHE	6.22 ± 0.128 ^{a, d}	0.982 ± 0.035 ^{a,b*,d**}	14.15 ± 0.083 ^{a,b, d}	98.82 ± 1.232 ^{a,b, d}
AHE + CP	9.18 ± 0.185 ^{b, c}	1.255 ± 0.038 ^{b,c**}	17.07 ± 0.026 ^{a,b, c}	119.5 ± 1.283 ^{a,b, c}
CP + Sily	9.20 ± 0.208 ^b	1.262 ± 0.021 ^b	17.14 ± 0.081 ^{a, b}	119.9 ± 1.008 ^{a,b}

Values expressed as mean ± SEM. ^a Significance at $p < 0.0001$ Vs. control group, ^b Significance at $p < 0.0001$ Vs. Cisplatin (CP) group. ^c Significance at $p < 0.0001$ of AHE + CP pre-treated group Vs. CP + AHE post-treated group. ^d Significance at $p < 0.0001$ of CP + AHE treatment groups Vs CP + Sily group. *, **: Significant difference at $p < 0.001$. Non-significant difference ($p > 0.05$) was recorded between control and AHE alone treated group in all parameters (One way ANOVA followed by Tukey's multiple comparison tests)

Table 4 Effect of cisplatin (CP) and different treatments of AHE on lungs tissue antioxidant enzymes and GSH profile

Group	GSH (μM/g tissue)	GR (nM/min/mg protein)	GST (nM/min/mg protein)	γ-GT (nM/min/mg Protein)	GPx (nM/min/mg Protein)
Control	16.12 ± 0.578 ^b	143.7 ± 1.342 ^b	98.85 ± 0.918 ^b	295.4 ± 1.113 ^b	107.4 ± 0.730 ^b
CP	8.334 ± 0.356 ^a	98.02 ± 0.619 ^a	68.17 ± 0.962 ^a	82.82 ± 0.958 ^a	54.08 ± 0.909 ^a
AHE alone	6.38 ± 0.207 ^b	144.0 ± 1.492 ^b	99.79 ± 1.865 ^b	295.6 ± 0.599 ^b	108.8 ± 1.216 ^b
CP + AHE	11.99 ± 0.305 ^{a,b, d}	116.9 ± 0.813 ^{a,b,d}	78.34 ± 1.076 ^{a,b**,d**}	137.8 ± 1.017 ^{a,b,d}	71.288 ± 0.501 ^{a,b,c}
AHE + CP	15.63 ± 0.532 ^{b, c}	135.0 ± 0.393 ^{a,b,c}	89.65 ± 1.49 ^{a**,b,c}	261.4 ± 0.802 ^{a,b,c}	92.78 ± 1.216 ^{a,b,c}
CP + Sily	15.29 ± 0.312 ^b	133.8 ± 1.25 ^{a,b}	87.60 ± 1.644 ^{a,b}	264.3 ± 1.067 ^{a,b}	95.64 ± 1.573 ^{a,b}

Values expressed as mean ± SEM. ^a Significance at $p < 0.0001$ Vs. control group, ^b Significance at $p < 0.0001$ Vs. Cisplatin (CP) group. ^c Significance at $p < 0.0001$ of AHE + CP pre-treated group Vs. CP + AHE post-treated group. ^d Significance at $p < 0.0001$ of CP + AHE treatment groups Vs CP + Sily group. *, **: Significant difference at $p < 0.001$. Non-significant difference ($p > 0.05$) was recorded between control and AHE alone treated group in all parameters (One way ANOVA followed by Tukey's multiple comparison tests)