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Author Correction: A new therapy against ulcerative colitis via the intestine and brain using the Si-based agent

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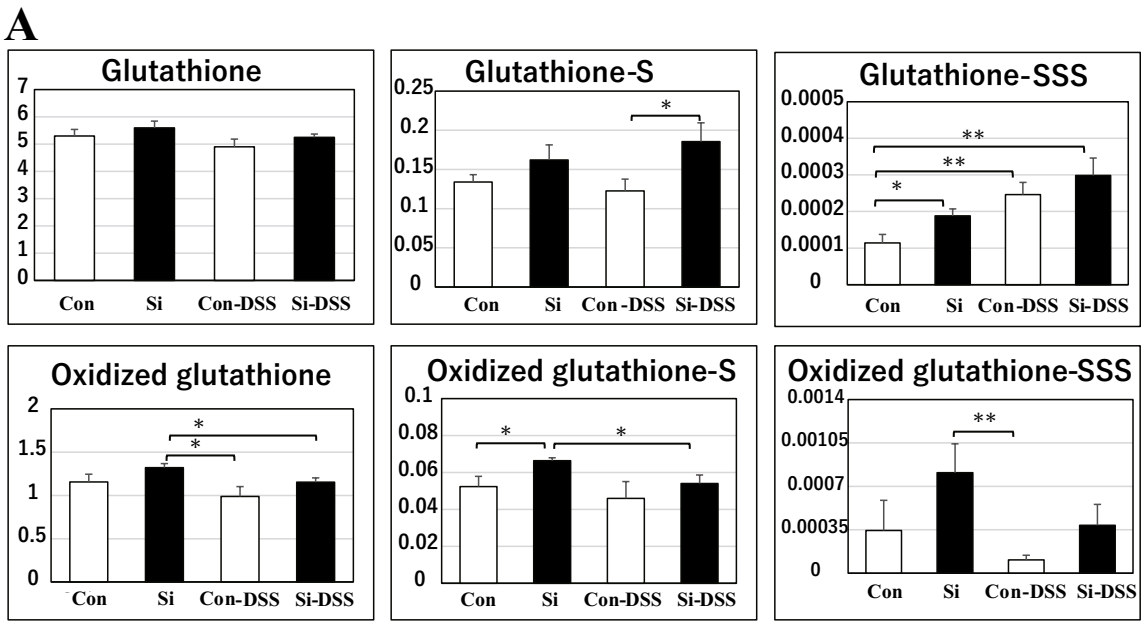
Correction to: *Scientific Reports* https://doi.org/10.1038/s41598-022-13655-7, published online 10 June 2022

The original version of this Article contained errors in Figure 7A, where the X-axis labels of the bar graphs were incorrectly labelled as 'Con', 'Si', 'Con-DSS' and 'Si-DSS' (from left to right). The labels have now been corrected to 'Con-DSS', 'Si-DSS', 'Con' and 'Si' (from left to right).

The original Figure 7 and accompanying legend appear below.

The original Article has been corrected.



B

reduction	Thiourocanic acid-bimane	GS-S-bimane	GS-S-SG [M+2H]2+	HmCys-S-bimane
	GS-S3-bimane	N-Acetylserine	Cystathionine	Cys-S-bimane
	5-Glutamylcysteine-bimane	S-Adenosylhomocysteine	Lactic acid	SDB
	Hypotaurine	O-Phosphoserine	GS-bimane	O-Acetylserine
	Ergothioneine-bimane	Methionine	Sulfite-bimane	Thiosulfate-bimane
	Lanthionine	Homoserine	S-Sulfocysteine	Homocysteine-bimane
				Glucose
oxidation	Taurine	PAP	Serine	Cys-Gly-bimane
	GSSG [M+2H]2+	GS-S3-SG [M+2H]2+	S-Methyl-cysteine	Thiamine
	Cystine	S-Adenosylmethionine	Cys-bimane	Urea
	GS-S2-bimane	Histidine	GSSG [M+2H]2+	

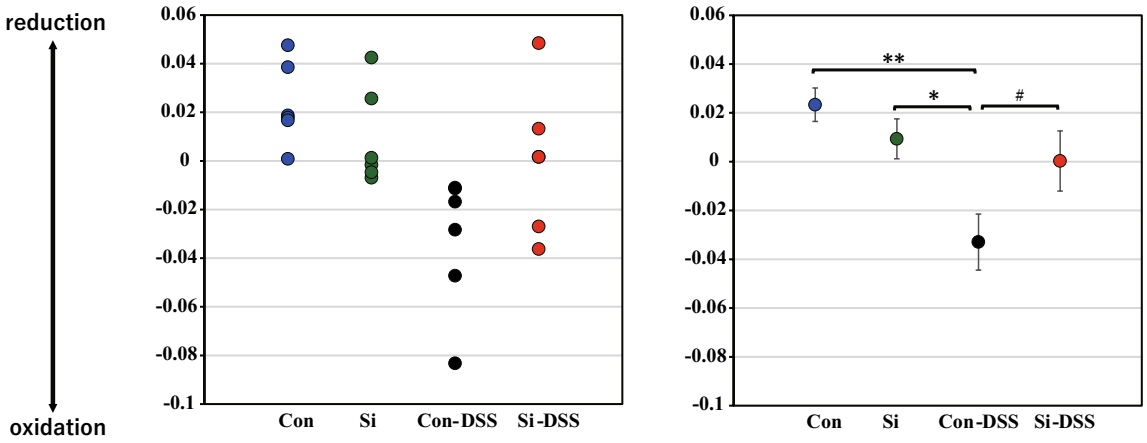


Figure 7. The caption to be typeset alongside it: Si-based agent suppressed the intestinal oxidation associated UC via antioxidant sulfur compounds. Sulfur index analysis of the mouse large intestine. The average bar graphs for the expression of glutathione, oxidized glutathione, and each persulfide (**A**). White: control or con-DSS group; black: Si or Si-DSS group. (**B**) Contributory compounds in sulfur-index analysis. (**C**) The dot graph of individual values and the average for sulfur index analysis. Data are expressed as mean ± SEM of six mice per group. $^{\sharp}p < 0.08$, $^{*}p < 0.05$, $^{**}p < 0.01$, determined by Student's paired *t*-test.