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# **OPEN** Author Correction: The roles of p38 MAPK $\rightarrow$ COX2 and NF- $\kappa$ B $\rightarrow$ COX2 signal pathways in age-related testosterone reduction

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Correction to: Scientific Reports https://doi.org/10.1038/s41598-019-46794-5, published online 22 July 2019

The original version of this Article contained errors in Affiliations 3 and 4, which were incorrectly given as 'Department of Occupational and Environmental Health, Hebei Key Laboratory of Environment and Human Health, Hebei Medical University, Shijiazhuang, 050017, China' and 'Department of Histology and Embryology, Medical Faculty, Hebei Union University, 063000, Hebei Province, China' respectively.

The correct affiliations are listed below.

## Affiliation 3:

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### Affiliation 4:

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Furthermore, in the original version of this Article, Affiliations 2, 3, 4 and 5 were not listed in the correct order. The correct affiliations are listed below.

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These errors have now been corrected in the PDF and HTML versions of the Article, and in the accompanying Supplementary information.

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