

Publisher Correction: Multiple oestradiol functions inhibit ferroptosis and acute kidney injury

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During the typesetting process, a number of minor errors occurred which were not present in the peer-reviewed version or the provided source data. None of these mistakes affects any scientific conclusions and are corrected here.

During typesetting, incorrect chemical structures were copied into the graphs of Fig. 2e,f, where in Fig. 2e, a structure for 4OH-E2 appeared instead of 17 β -estradiol, and in Fig. 2f, in the 2OH-E2 structure, upper left, “H” originally appeared instead of “HO.” In Fig. 2o,p, for Sham and IRI OVX mice, the labels now reading “ $n = 6$ ” originally read “ $n = 2$ ” and

“ $n = 5$,” respectively, while in Fig. 2q, the number of Sham OVX mice, now reading “ $n = 5$,” appeared originally as “ $n = 2$.”

At the end of page 1011, Extended Data Fig. 2a–c was incorrectly referred to as “Extended Data Fig. 3a–c.” At the top of page 1012, Extended Data Fig. 2d and Extended Data Fig. 2e were incorrectly referenced as “Extended Data Fig. 3d” and “Extended Data Fig. 3e.” At the top of the second column on page 1012, Extended Data Fig. 3a–m was incorrectly referred to as “Extended Data Fig. 4a–m.” On page 1014, Fig. 2j–m and 2n–q were incorrectly referenced as “Fig. 2k–n” and “Fig. 2o–r,” respectively.

The text on page 1012 refers to the effects of testosterone in Supplementary Figs. 3 and 4. However, due to an error that occurred during the transfer of files from Extended Data to Supplementary Information, the supplied file duplicated plots from Extended Data Fig. 3. The correct Supplementary Fig. S3, as present in the peer reviewed manuscript and in the source data, now appears in the Supplementary Information alongside the article.

In Extended Data Fig. 2b,c, the “male” and “female” labels were swapped during the typesetting process. The figure legend now correctly refers to both cortical and medullary renal sections. During typesetting, the label on the y-axis of Extended Data Fig. 2c was incorrectly modified to “tubular damage score cortex” instead of “tubular damage score medulla” as in the peer-reviewed version. The correct Extended Data Fig. 2 is now presented in the article.

In Extended Data Fig. 4, some panels in d and e of the representative flow cytometry plots were incorrect. The single data points in the bar graphs quantifying the experiments were correct at all times and the primary data of the experiment were included at all times. The correct panels now appear in Extended Data Fig. 4.

Regarding the corrected plot of Extended Data Fig. 4e, NIH3T3 cells were pretreated with 10 μ M 17 β -oestradiol for 16 hours before inducing ferroptosis by addition of 1.3 μ M RSL3. Flow cytometry for annexin V / 7-AAD was used as a readout to quantify cell death at indicated time-points, with 1 μ M Fer-1 serving as a protection control.

The text, figures and Supplementary Information have now been amended in the HTML and PDF versions of the article.



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