CORRECTION

Correction: Picropodophyllin induces downregulation of the insulin-like growth factor 1 receptor: potential mechanistic involvement of Mdm2 and β-arrestin1

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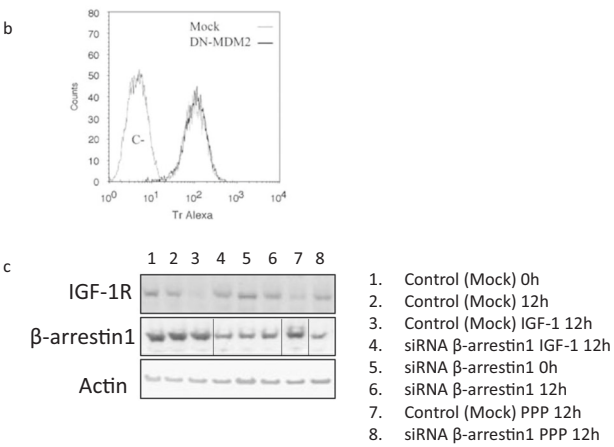
Correction:

Following the publication of this article, the authors have noted errors in Fig. 6, with switch between labeling panels b and c. In the updated figure the panels are correctly labeled, corresponding to their description in text and legend. Furthermore, the labeling of the sample in the former panel 6b was not explaining clearly enough that the controls and mocks are identical conditions. This clarification is important to elucidate the use of similar blots for the former lanes 1–3 and 9–11.

To avoid any misleading information (sample duplication), a corrected version of Fig. 6c is now provided in which only one set of control (mock) samples is presented. The β-arrestin1 transfection-efficiency panel was reconstructed from a continuous gel to match the order of IGF1R/Actin detections of identical samples. Splice lines are used to indicate the composite image.

The description of the results and the figure legend remain unchanged, and the authors confirm that conclusions of this article are not affected by this correction. The authors apologize for any inconvenience this may have caused for the readers.

The original article has been corrected.



Inhibition of MDM2 or β-arrestin1 abrogates picropodophyllin (PPP)-induced downregulation of insulin-like growth factor 1 receptor (IGF-1R). (a) DFB was transfected with empty vector (mock) or a dominant-negative (DN) MDM2 construct. After 24 h the cells were serum depleted overnight and treated with IGF-1 (50 ng ml−1) or PPP (500 nM) for 12 h. Western blotting was run for IGF-1R. Blots and quantitative data from three experiments are shown. Statistical analysis: Mock+IGFvs DN-MDM2+IGF-1, $P = 0.01$; Mock+PPPvs DN-MDM2+PPP, $P = 0.03$. (b) DFB was transfected with empty vector (mock) or a DN MDM2 construct. After 24 h the cells were serum depleted for 12 h and then analysedfor uptake of fluorescently labeled transferrin by FACS. (c) DFB cells were transfected with control small hairpin RNA (shRNA) or β-arrestin1 shRNA constructs. Cells were serum depleted overnight and then stimulated with IGF-1 (50 ng ml−1) or treated with PPP (500 ng ml−1) for 12 h. Cell lysates were analysedfor IGF-1R, β-arrestin1 and actin by western blot.

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