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Correction: iTRAQ-based quantitative proteomic analysis for identification of biomarkers associated with emodin against severe acute pancreatitis in rats

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Correction for 'iTRAQ-based quantitative proteomic analysis for identification of biomarkers associated with emodin against severe acute pancreatitis in rats' by Hong Xiang *et al.*, *RSC Adv.*, 2016, 6, 72447–72457.

The authors regret that Fig. 2–4 were shown incorrectly in the original article. An incorrect section of the SAP group in the MPO-immunohistochemical staining (Fig. 2A) and HE staining (Fig. 3) experiments was used in error. In addition, Fig. 4 has been revised to show the zymogen granule, in order to better represent the ultrastructure of the pancreas. The correct versions of Fig. 2–4 are shown below.

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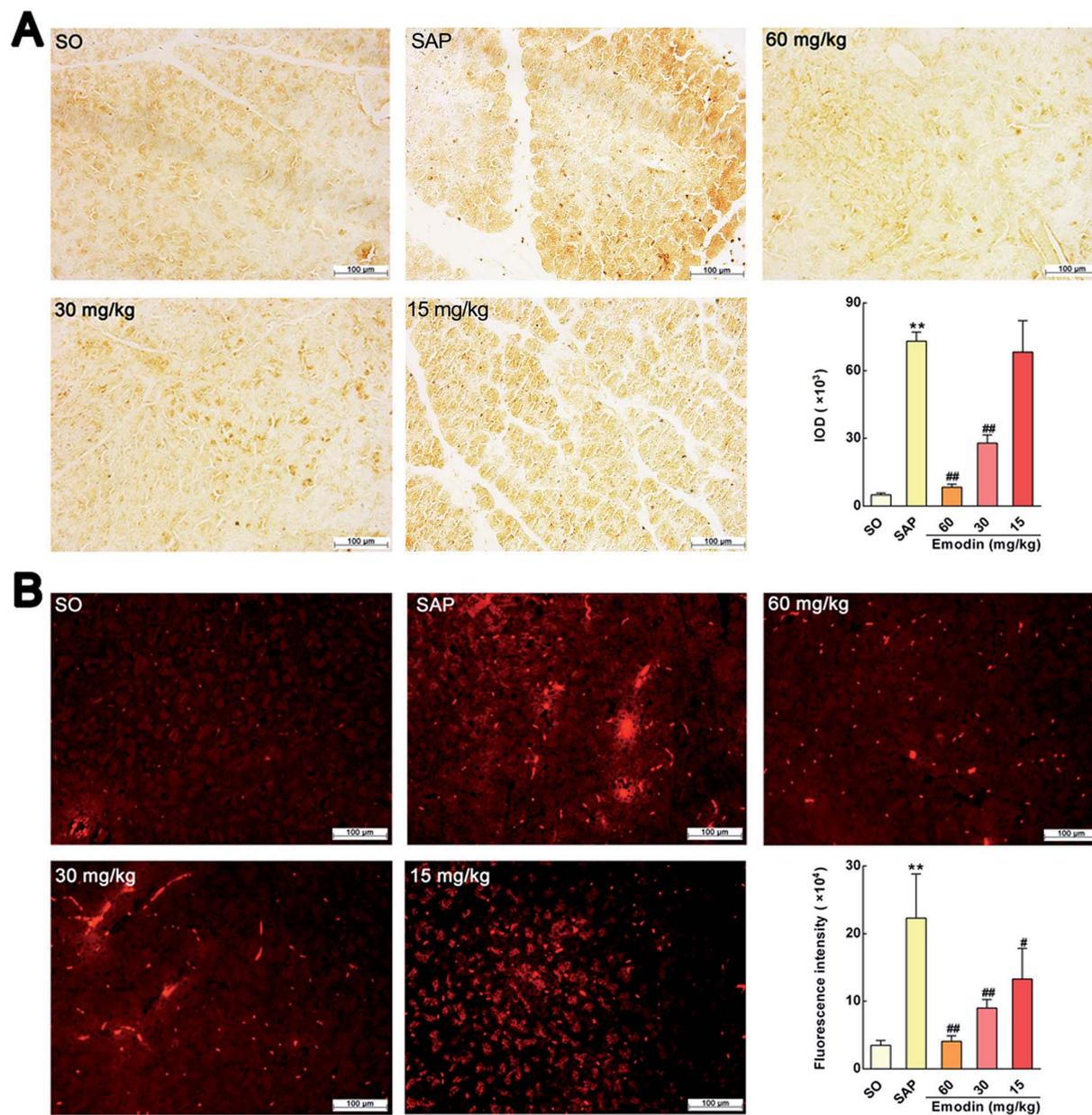


Fig. 2 Emodin down-regulated the MPO protein expression in pancreas of SAP rats. (A) Effect of emodin on MPO-immunopositive area (brown) staining of pancreatic tissue in SAP rats by immunohistochemical detection. (B) Effect of emodin on MPO-immunopositive area (red) staining of pancreatic tissue in SAP rats by immunofluorescence detection. Images are presented at 200 \times magnification. The data are presented as the mean \pm SD, $n = 6$. ** $P < 0.01$ versus SO; # $P < 0.05$ versus SAP, ## $P < 0.01$ versus SAP.



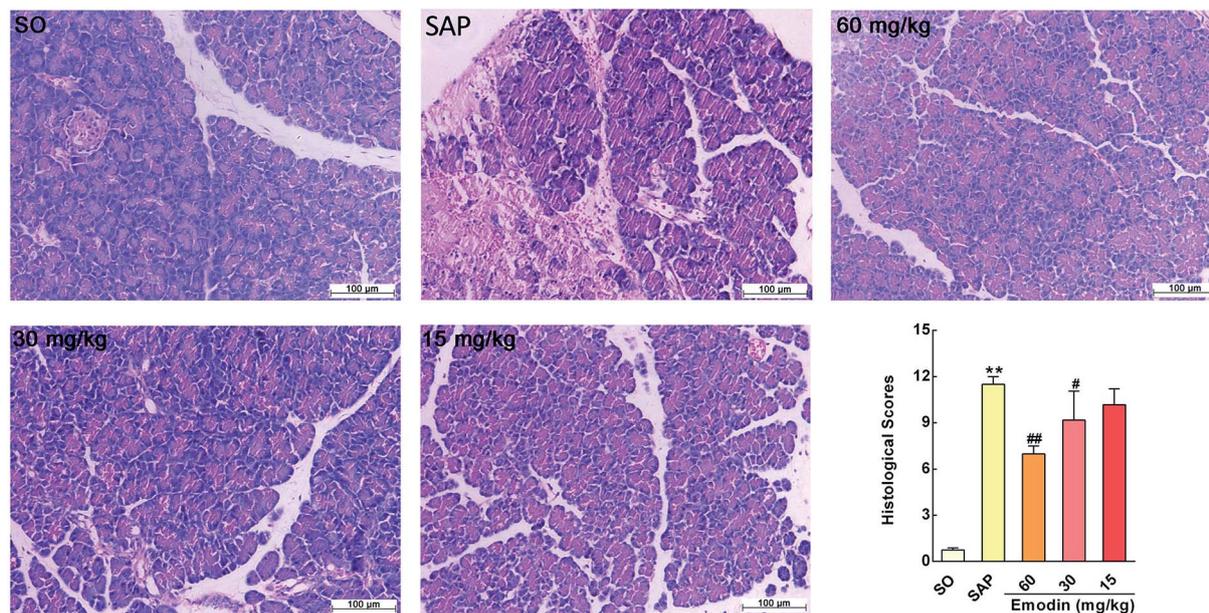


Fig. 3 Emodin improved pancreatic histopathology of SAP rats. Effect of emodin on H&E staining of pancreatic tissue in SAP rats. Images are presented at 200 \times magnification. The data are presented as the mean \pm SD, $n = 6$. ** $P < 0.01$ versus SO; # $P < 0.05$ versus SAP, ## $P < 0.01$ versus SAP.

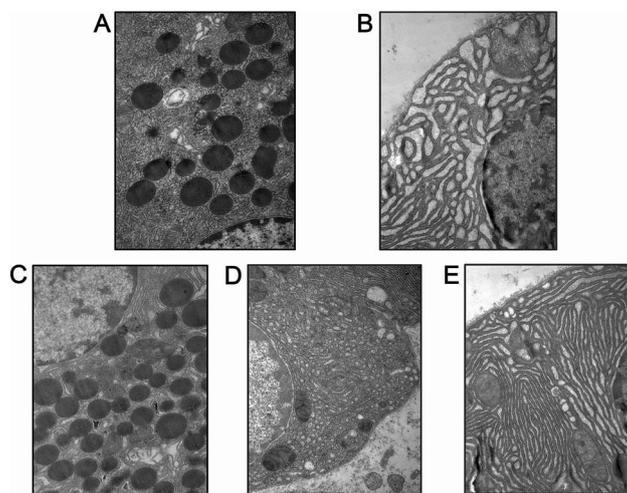


Fig. 4 Emodin attenuated cellular structure changes in pancreas of SAP rats. Representative images of the cells' ultrastructure in the SO (A), SAP (B), 60 mg kg⁻¹ emodin (C), 30 mg kg⁻¹ emodin (D) and 15 mg kg⁻¹ emodin (E) groups. Images are presented at 25 000 \times magnification.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

