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CORRECTION

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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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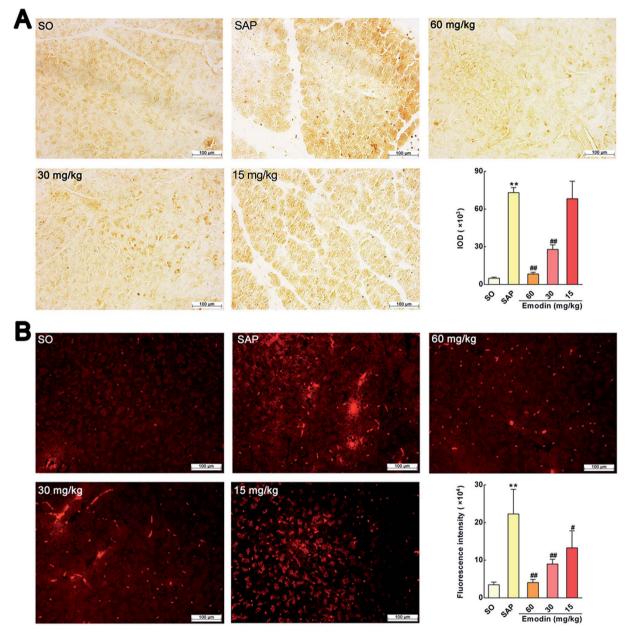


Fig. 2 Emodin down-regulated the MPO protein expression in pancreas of SAP rats. (A) Effect of emodin on MPO-immunopositive area (brown) staining of pancreatic tissue in SAP rats by immunohistochemical detection. (B) Effect of emodin on MPO-immunopositive area (red) staining of pancreatic tissue in SAP 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.

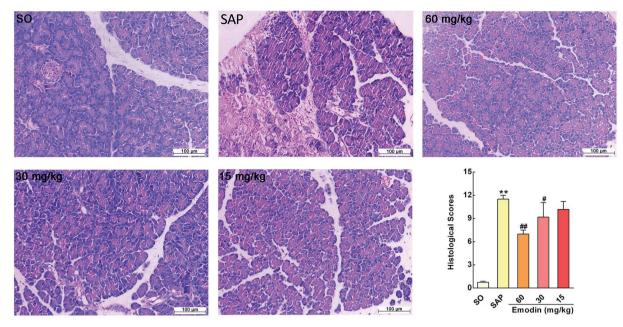


Fig. 3 Emodin improved pancreatic histopathology of SAP rats. Effect of emodin on H&E staining of pancreatic tissue in SAP rats. Images are presented at $200 \times$ magnification. The data are presented as the mean \pm SD, n = 6. **P < 0.01 versus SO; *P < 0.05 versus SAP, **P < 0.01 versus SAP.

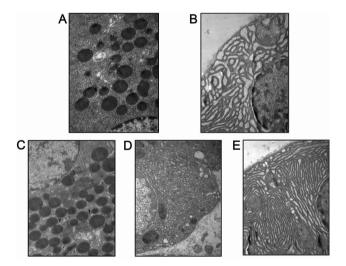


Fig. 4 Emodin attenuated cellular structure changes in pancreas of SAP rats. Representative images of the cells' ultrastructure in the SO (A), SAP (B), 60 mg kg $^{-1}$ emodin (C), 30 mg kg $^{-1}$ emodin (D) and 15 mg kg $^{-1}$ emodin (E) groups. Images are presented at 25 000× magnification.

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