RSC Advances

CORRECTION

View Article Online
View Journal | View Issue

Cite this: *RSC Adv.*, 2019, **9**, 26548

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

Hong Xiang,[ab] Qingkai Zhang,[c] Danqi Wang,[d] Shilin Xia,[d] Guijun Wang,[e] Guixin Zhang,[c] Hailong Chen,[c] Yingjie Wu[ab] and Dong Shang*[ac]

DOI: 10.1039/c9ra90061f

www.rsc.org/advances

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.

[a]*College (Institute) of Integrative Medicine, Dalian Medical University, Dalian 116011, China. E-mail: shangdong@dmu.edu.cn; Fax: +86-411-83622844; Tel: +86-411-83635963*
[b]*Institute of Gene Engineered Animal Models for Human Diseases, Dalian Medical University, Dalian 116044, China*
[c]*Department of General Surgery, Pancreatico-Biliary Center, The First Affiliated Hospital of Dalian Medical University, Dalian 116011, China*
[d]*Clinical Laboratory of Integrative Medicine, The First Affiliated Hospital of Dalian Medical University, Dalian 116011, China*
[e]*Department of General Surgery, The First Affiliated Hospital of Jinzhou Medical University, Jinzhou 121000, China*

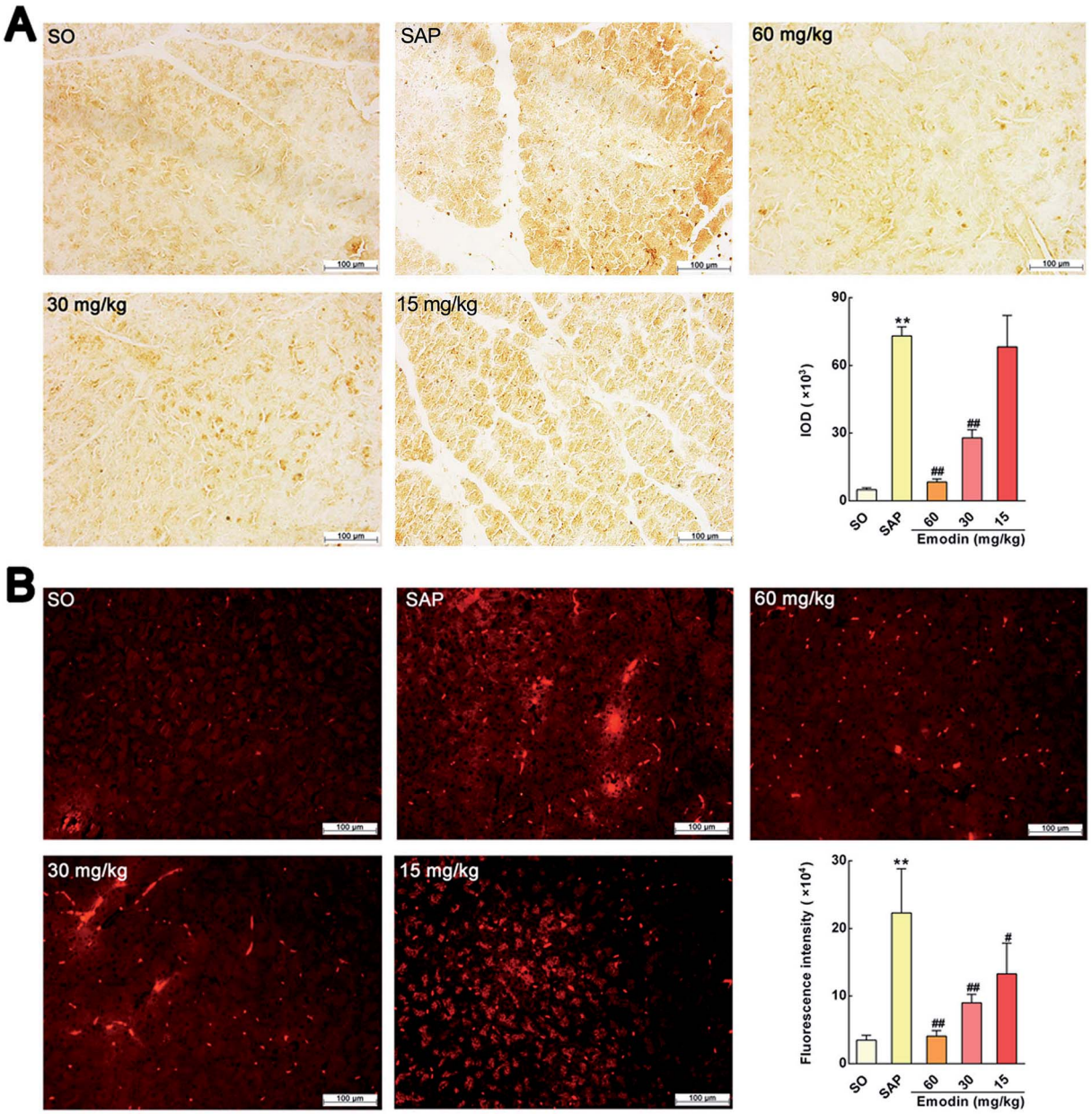

Fig. 2 Emodin down-regulated the MPO protein expression in pancreas of SAP rats. (A) Effect of emodin on MPO-immunopositive area (brown) staining of pancreatic tissue in SAP rats by immunohistochemical detection. (B) Effect of emodin on MPO-immunopositive area (red) staining of pancreatic tissue in SAP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

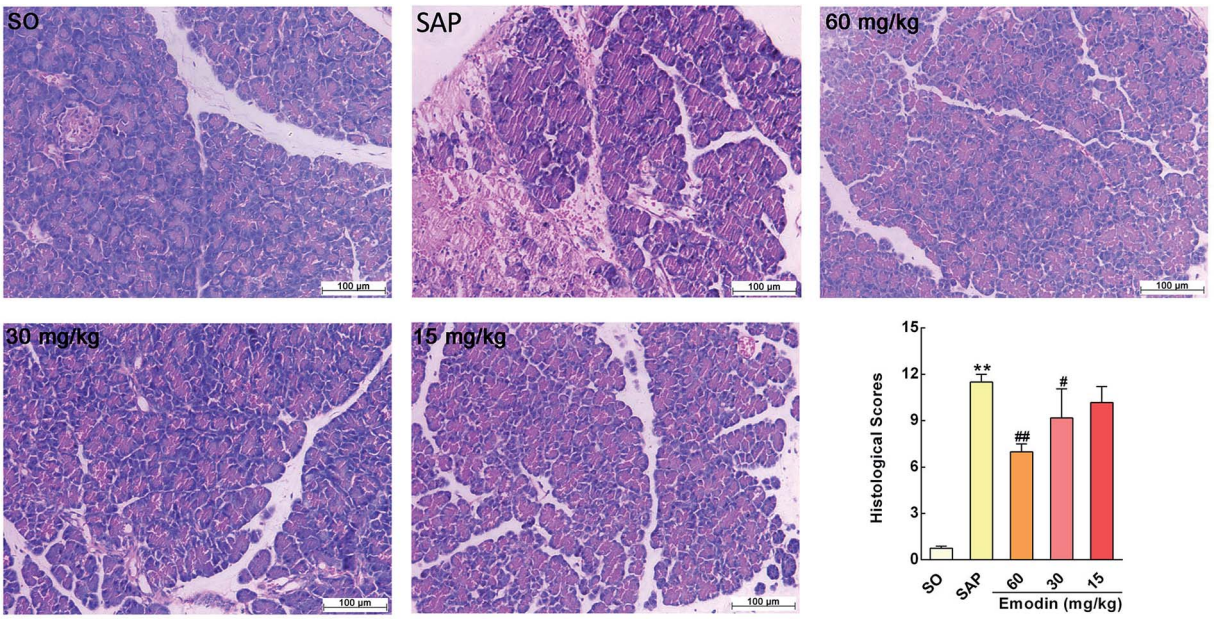

Fig. 3 Emodin improved pancreatic histopathology of SAP rats. Effect of emodin on H&E staining of pancreatic tissue in SAP rats. Images are presented at 200× magnification. The data are presented as the mean ± SD, $n = 6$. $^{**}P < 0.01$ *versus* SO; $^{\#}P < 0.05$ *versus* SAP, $^{\#\#}P < 0.01$ *versus*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

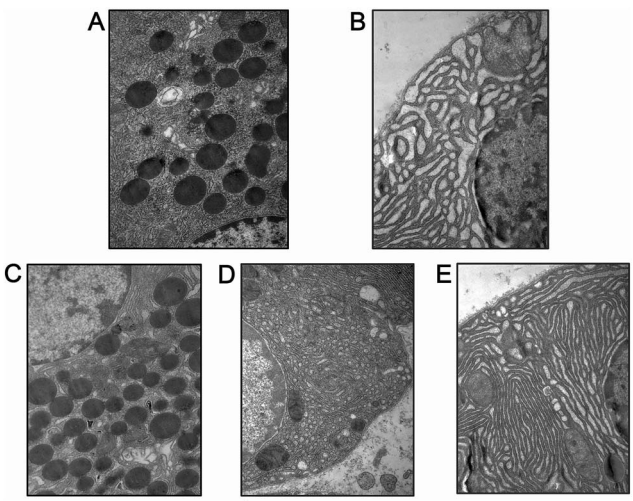

Fig. 4 Emodin attenuated cellular structure changes in pancreas of SAP rats. Representative images of the cells' ultrastructure in the SO (A), SAP (B), 60 mg kg^{-1} emodin (C), 30 mg kg^{-1} emodin (D) and 15 mg kg^{-1} emodin (E) groups. Images are presented at 25 000× magnification.

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