

RETRACTION

[View Article Online](#)
[View Journal](#) | [View Issue](#)


Cite this: *RSC Adv.*, 2021, 11, 5020

Retraction: PKM2 overexpression protects against 6-hydroxydopamine-induced cell injury in the PC12 cell model of Parkinson's disease *via* regulation of the brahma-related gene 1/STAT3 pathway

Laura Fisher

DOI: 10.1039/d1ra90036f

rsc.li/rsc-advances

Retraction of 'PKM2 overexpression protects against 6-hydroxydopamine-induced cell injury in the PC12 cell model of Parkinson's disease *via* regulation of the brahma-related gene 1/STAT3 pathway' by Lei Jiang *et al.*, *RSC Adv.*, 2019, 9, 14834–14840, DOI: 10.1039/C9RA01760G.

The Royal Society of Chemistry hereby wholly retracts this *RSC Advances* article due to concerns with the reliability of the data. The images in the article, and the raw data provided by the authors, were screened by an image integrity expert.

The published western blots in Fig 1B showed signs of manipulation, and the raw data provided by the authors for Fig 1B also showed evidence of extensive manipulation. In addition, the raw data provided for Fig 4 was not genuine as it consisted of the bands being placed onto false backgrounds. Therefore, the raw data provided by the authors cannot be used to validate the published data.

Given the significance of the concerns about the validity of both the data in the article and the raw data provided by the authors, the findings presented in this paper are not reliable.

The authors have been informed but have not responded to any correspondence regarding the retraction.

Signed: Laura Fisher, Executive Editor, *RSC Advances*

Date: 15th January 2021

