



Retraction notice



Retraction notice to "AMPK signaling in diabetes mellitus, insulin resistance and diabetic complications: A pre-clinical and clinical investigation" [Biomedicine & Pharmacotherapy 146 (2022) 112563]

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This article has been retracted: please see Elsevier policy on article withdrawal (<https://www.elsevier.com/about/policies-and-standards/article-withdrawal>).

This article has been retracted at the request of the Editor.

Post-publication, an investigation conducted by Elsevier's Research Integrity & Publishing Ethics team on behalf of the journal identified references that are irrelevant to the article. The authors were asked to

comment upon the presence of these references in their work but were unable to satisfactorily address the reason for the references. Consequently, the editor has lost confidence in the conclusions of the article and has determined it should be retracted. Apologies are offered to readers of the journal that this was not detected during the submission process.

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