

Retraction notice

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At the request of the editorial team, the following article has been retracted: Lu Y, Zhang L, Zhu R, Zhou H, Fan H, Wang Q. PFKFB3, a key glucose metabolic enzyme regulated by pathogen recognition receptor TLR4 in liver cells. *Therapeutic Advances in Endocrinology and Metabolism*. January 2020. doi:10.1177/2042018820923474.

The following concerns have been raised:

Figure 1: TLR4 panel all lanes appear similar to PFKFB3 panel all lanes

Figure 2A: TLR4 panel NC, siRNA1 and siRNA2 bands appear to similar to Figure 1 TLR4 and PFKFB3 panels

Figure 4A: TLR4 panel lanes 0, 1, 2 appear similar to Figure 1 TLR4 and PFKFB3 panels

Figure 4A: TLR4 panel lanes 1, 2, 4 appear similar to Figure 2 TLR4 panel lanes 1-3

The corresponding author has explained that they do not have access to the raw images underlying the published figures. They provided additional images that represent similar data and experiments, which have been provided in Supplementary Figure 1. Due to the nature of the concerns raised that call into question the integrity of the research and reliability of the findings, and in line with the guidelines provided by the Committee of Publication Ethics (COPE), the Journal Editor retracts this article. The authors agreed to the retraction of this article.

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