

Retraction

Retracted: Hyperglycemia Induces Toll-Like Receptor-2 and -4 Expression and Activity in Human Microvascular Retinal Endothelial Cells: Implications for Diabetic Retinopathy

Journal of Diabetes Research

Received 24 September 2020; Accepted 24 September 2020; Published 31 October 2020

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Journal of Diabetes Research has retracted the article titled “Hyperglycemia Induces Toll-Like Receptor-2 and -4 Expression and Activity in Human Microvascular Retinal Endothelial Cells: Implications for Diabetic Retinopathy” [1] due to concerns identified with Figures 1 and 2.

Following the publication of an erratum to correct an image duplication in Figure 2 [2], concerns have been identified in the original publication, and in the revised figure provided by the authors. Our concerns are as follows:

Figure 1(a)

- (i) GAPDH bands C and 15 are the same as bands 25 and M (horizontally flipped).
- (ii) In the TLR4 bands, there is an undeclared gel splice between the C and 15 bands

Figure 1(b)

- (i) There is an undeclared gel splice between the 25 and M lanes of TLR4 which is not consistent with the loading control

Figure 2(c)

- (i) There is an undeclared gel splice between the C and 15 lanes of TRIF and IRF3
- (ii) There is an undeclared gel splice between the 25 and M lanes of TRIF and IRF3
- (iii) These gel splices are not consistent with the loading control

With the agreement with the Chief Editor, this article is therefore being retracted due to the above concerns.

References

- [1] U. Rajamani and I. Jialal, “Hyperglycemia Induces Toll-Like Receptor-2 and -4 Expression and Activity in Human Microvascular Retinal Endothelial Cells: Implications for Diabetic Retinopathy,” *Journal of Diabetes Research*, vol. 2014, Article ID 790902, 15 pages, 2014.
- [2] U. Rajamani and I. Jialal, “Erratum to “Hyperglycemia Induces Toll-Like Receptor-2 and -4 Expression and Activity in Human Microvascular Retinal Endothelial Cells: Implications for Diabetic Retinopathy,”” *Journal of Diabetes Research*, vol. 2016, Article ID 8976945, 2 pages, 2016.