We thank the reviewer for the thoughtful recommendations. We answer specific questions and comments below.

# 1
Reviewer: Typographical error in Line 58, Line 129, Figure 4 legend, and Line 336.
Author: We have corrected all of them.

# 2
Reviewer: The authors should describe the fenofibrate's target and the effects it has on the intracellular levels of lipids.
Author: We revised and added a description of the fenofibrate mechanism “By the activation of peroxisome proliferator activated receptor α (PPARα)...hyperlipidemia [13-15].” in the 'introduction' paragraph in Page 4, Line 75-79. And Ref 11, Ref 12, Ref 15.

# 3
Reviewer: The authors have simply shown the affects of fenofibrate on cells infected with Mtb. Are the observed effects due to off target effects of the drug or because of target engagement?
Author: Thank you for your question. In this manuscript, we do not aim to study the drug target of fenofibrate. However, in our earlier studies fenofibrate had direct growth inhibition effects on cultured Mtb, in contrast to its role in macrophage (see figure below), and these effects could also partly be reversed by the addition of triglycerides (VLDL). Besides, as PPAR-α is considered to be the drug target of fenofibrate, it has a wide range of effects on a variety of immune functions. It is indeed possible that mechanisms other than triglyceride may affect the survival of intracellular Mtb. We added explanation “Fourth, as PPARα is considered the drug target of fenofibrate...affect the survival of intracellular Mtb.” in the ‘limitation’ section in Page 16, Line 314-316. And Ref 34.
Reviewer: The authors also do not cite any references for the three genes that they selected for their RT PCR assays.
Author: We have cited 3 reference papers in the 'Methods' paragraph, Page 8, Line 157, Ref 16, Ref 17, and Ref 18.

Reviewer: Trying to explain the results using a schematic representation of the mechanism.
Author: We have added a new Figure 5 to create a schematic diagram to explain the possible mechanisms found in this study, in the ‘conclusion’ section in Page 16, Line 320. The new Figure is in Page 17, Line 325. The figure legend is in Page 17, Line 326-336.