

Dear editor,

I've answered every question brought up by the academic editor and reviewer(s).

And I've revised paper according to these points and revised figure.4.

Response to review 2:

1. We carefully reviewed our data according to reviewer's advice. A mistake was found in data analysis. The number of mice in each group was five, but there was no statistical difference on caspase-1 mRNA expression between HFD+LPS and NC+LPS group. It's our mistake, so we had changed this point in the paper and Fig.4.
2. We had deleted one sentence and modified some expression in the first paragraph of the result part.
3. Other minor points, such as some abbreviations, have been reviewed in the paper.
4. The composition of HFD used in the experiment was as our previous study (2010, Jing Hua, J Lipid Res), lard was the main fat in the diet composition which was a typical saturated fatty acid. However, the exact of ratio of SFA/MUFA/PUFA was not determined.

Best regards,

Jing Hua