Reviewer's report

Title: Fenofibrate induces apoptosis of triple-negative breast cancer cells via activation of NF-kappaB pathway

Version: 3 Date: 9 January 2014

Reviewer: Chann Lagadec

Reviewer's report:

I re-reviewed the manuscript intent by Li et al. and untitled ‘Feno induces apoptosis of TNBC cells via activation of NF-kB pathway”.

While authors answers to most of the comments for great improvements, I still have some suggestion to improve even more:

My main comment will be about the interpretation of in vivo experiment. The authors conclude the Feno “suppressed timor growth”, while looking at the graph Feno slowed down timor growth, but increasing cell death, but growth is still going up! Please relativize you interpretation.

Figure 2 A and C as well as figure 3A should be completed by a bar graph with mean values and SD.

Please provide +/- SD for in vivo experiment

As legend of the graph showing in vivo apoptosis represent a ratio, could you please change it for % of apoptotic cell.

Figure 6F still need magnification for the control.

As body weights did not change significantly, while tumor sizes did… is it possible that Feno increase mice global body weight?

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests