Reviewer’s report

Title: A mechanism-based pharmacokinetic model of fenofibrate for explaining increased drug absorption after food consumption

Version: 0 Date: 11 Oct 2017

Reviewer: Simone Brogi

Reviewer's report:

The article authored by Back and co-workers is quite interesting and it is well written and the methodology is well explained. It can be published in BMC pharmacology and toxicology after minor revision.

Row 38 pg 4 great amount information should be great amount of information.

Row 47 pg 4 the blood by esterase, and is mainly should be the blood by esterases, and it is mainly.

Row 50 pg 4 Previous report showed roughly a 35% increase in the absorption of fenofibric acid, the main active metabolite of fenofibrate, in fed conditions compared with fasted conditions.

The sentence is not clear.

Row 59 pg 4 SR capsule SR is not defined.

250mg should be 250mg please check in the main text.

The abbreviation of figure should be written with a capital letter.

Fig. X please check in the main text.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

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Please indicate the quality of language in the manuscript:
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