Reviewer’s report

Title: THE FALLACY OF ENZYMATIC HYDROLYSIS FOR THE DETERMINATION OF BIOACTIVE CURCUMIN IN PLASMA SAMPLES AS AN INDICATION OF BIOAVAILABILITY: A COMPARATIVE STUDY

Version: 0 Date: 12 Jul 2019

Reviewer: Denisa Margina

Reviewer's report:

The manuscript is very interesting. There are just some points that could be improved.

* The number of subjects included in the study (8) is rather small; for example, according to CPMP/EWP/QWP/1401/98 guideline, „the minimum no of subject should not be smaller than 12, unless justified“. Authors should provide justification for the selected number of subjects.

* A figure depicting the possible metabolic pathways of curcumin (as described in the introduction) in the human body could be an useful addition to the manuscript.

* Results should be discussed in correlation with the BMI of the patients (average of 30.3kg/m2), based on literature data. Is there any difference between the pharmacokinetic data between normoponderal and overweight patients?

Spelling check - Abstract : „o extraction and rep;orting the results"

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.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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