Author’s response to reviews

Title: Effect of green tea on the gastrointestinal absorption of amoxicillin in rats

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Version: 1 Date: 07 Jun 2019

Author’s response to reviews:

Dear Editors,

the manuscript has been updated according to the reviewers’ comments. The whole document has been checked by a scientific writer and improved.

We hope that this updated manuscript meets the requirements of the journal.

Best regards,

Answers to reviewer reports:
Kathleen Job (Reviewer 1):

Q: The introduction section may be improved by increasing focus on amoxicillin, current research regarding green tea and antibiotics, and the likelihood of this antibiotic and green tea being taken concurrently.

A: Thank you for this proposal. The Introduction section has been amended accordingly.

Q: The results section may benefit by inclusion of an table summarizing animal characteristics. Additionally, information on calculation of AUC and Cmax should be described. Please include units in figure 2.

A: Animal characteristics added to tabel 2. Pharmacokinetic data were calculated with PraphPad Prism (indicated in the materials and methods section). In figure 2 AUC values are published, and these data are without unit).

Q: The discussion should also be expanded to provide more details or implications of past research, include information regarding general antimicrobial resistance and the use of green tea, and suggest future research.

A: This section has been expanded.

Mohammad Mahmoodi (Reviewer 2):

Q: Page 7, line 47: The unit of polyphenol in formula must be clear.

A: Thank you, this has been added.