



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 31628
Title: Maytenus erythroxylo... ethanol extract presents antidiarrheal activity...
Reviewer's code: 03000422
Reviewer's country: Japan
Science editor: Jing Yu
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Table with 4 columns: CLASSIFICATION, LANGUAGE EVALUATION, SCIENTIFIC MISCONDUCT, CONCLUSION. It contains checkboxes for various evaluation criteria like 'Grade A: Excellent', 'Duplicate publication', 'Plagiarism', etc.

COMMENTS TO AUTHORS

The authors investigated the acute toxicity, the phytochemical profile, the antidiarrheal activity and the mechanisms of action of M. erythroxylo ethanol extract (EtOHE-Me), and demonstrated that the antidiarrheal effect of it involves antimotility and antisecretory mechanisms. The present study was well organized and well investigated. There are some issues that should be addressed prior to the publication in "World Journal of Gastroenterology" 1. In this manuscript, the authors showed the effects of EtOHE-Me on both intestinal transit and gastric emptying. Some abdominal symptoms such as postprandial distress are thought to associate with delayed gastric emptying. How do you think about this point in the case of clinical application of EtOHE-Me? 2. The authors concluded that the mechanisms of the antidiarrheal effects of EtOHE-Me may be attributed to the chemical compounds, mainly the terpenes. However, these points are not described in discussion. The authors should mention these points in discussion. 3. The statistical results should be described even if in the case of not significant. I think it is better to insert "N.S." in Table 2, Table 3 and Table 4.