Reviewer's report

Title: Ethnobotanical and antimicrobial study of some selected medicinal plants used in Khyber Pakhtunkhwa (KPK) as a potential source to cure infectious diseases

Version: 3 Date: 12 March 2014

Reviewer: Jean Paul DZOYEM

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REVIEWER'S REPORT

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- Major Compulsory Revisions

The conclusions drawn from the study by the authors are not supported by the data. Results obtained do not fit into the cut-off of the antimicrobial activity classification of plant extracts (Eloff JN: Quantification the bioactivity of plant extracts during screening and bioassay guided fractionation. Phytomedicine 2004, 11(4):370-371; Kuete V: Potential of Cameroonian plants and derived-products against microbial infections: A review. Planta Medica 2010, 76: 1479 – 1491). As result, it is not possible to quantify the activity of the samples tested. Therefore, the conclusion should be modified according to the results obtained

- Minor Essential Revisions

Abstract

The conclusion draw in the abstract is not related to the study. Please provide a conclusion from the results obtained.

Methods

- “MIC assay by following the method [24] with little modification”. Modify this sentence as: “MIC was determined as described by Sahin et al [24] with little modification”.
- Authors should add statements about how the inocula were standardized and the possible toxic effect of solvent used to dissolve the extracts.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

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