Reviewer's report

Title: Assessment of phytochemicals, antimicrobial and cytotoxic activities of extract and fractions from Fagonia oligerii (Zygophyllaceae)

Version: 1 Date: 13 February 2013

Reviewer: NOVATUS MUSHI

Reviewer's report:

A: Minor Essential Revisions
Background; paragraph 4 line 7 change “…the curing of diabetes and…” to “…the management of diabetes and …”
Methodology; Antibacterial activity, line 8 change ‘test compounds’ to ‘test extract and fractions’

B: Major Compulsory Revisions
Tables 1, 2, 3 & 4 contained results for one extract and its fractions while in methodology, three extracts (root, stem and leaf) and its fractions were investigated. It’s worthy to report all results tested otherwise report one extract and its fractions and do changes throughout.
Table 2: MIC values for the positive control (Roxythromycin/Cefixime) need further explanation. The results reflect negative control values (DMSO) rather than positive control since the concentration used for the positive control was 0.5 mg/ml. The authors should address these values to adhere with the methodology. If the authors feel these were the exact values obtained, they may state the type of bacterial strains used as whether they were resistant strains. Again the value need not exceed 0.5 mg/ml.