Reviewer's report

Title: Correlation of antiangiogenic, antioxidant and cytotoxic activities of some Sudanese medicinal plants with phenolic and flavonoid contents

Version: 3 Date: 27 August 2014

Reviewer: Ravi Kumara

Reviewer's report:

Minor essential revisions
1. The manuscript has lengthy abstract, shorten the abstract by focusing on the key findings of the study in result section of the abstract.
2. In introduction section, authors have described the interrelationship between angiogenesis and cancer clearly. But, however authors need to establish the correlation between anti-oxidant and cancer with angiogenesis.
3. In chemicals and reagents section, mention the grade of the chemicals used in the experiments. It is required to include a statement at the end of the paragraph.
4. Measurement unit system used is not consistent throughout the article. Authors are supposed to use all the units in the manuscript according to SI unit system.
5. In section of In Vitro studies, mention the passage number of the cell lines used. It is necessary to know the passage number of the cells for the readers and researchers.
6. In a method of rat aortic ring, mention the number/groups of rats used to the obtained the aortic rings. It is not clear how many rings were used per group and how many rings were generated from each rat.
7. In cytotoxicity assay protocol, authors have not provided the test concentrations used for standard reference controls (5-fluorouracil, tamoxifen and betulinic acid).
8. In the results, provide the statistical values for the significance results presented, particularly in results of the rat aortic ring and anti-proliferation assays.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.