Reviewer's report

**Title:** Biological and Therapeutic Effects of Berberis vulgaris and its Active Constituent, Berberine: Antioxidants, cholinergic, anti-diabetic and anticancer effects

**Version:** 1 **Date:** 16 October 2012

**Reviewer:** Manjeshwar Shrinath S Baliga

**Reviewer's report:**

The article: Biological and Therapeutic Effects of Berberis vulgaris and its Active Constituent, Berberine: Antioxidants, cholinergic, anti-diabetic and anticancer effects is a well planned study. However the data on cancer studies is irrelevant in the absence of the normal toxicity studies with the normal primary cell cultures. The authors have to perform this study if the MS is to assume the due recognition in the filed. Without this the study is incomplete.

**Level of interest:** An article of importance in its field

**Quality of written English:** Needs some language corrections before being published

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