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: 5 October 2012

Reviewer: Tatjana Stanojkovic

Reviewer's report:

Accepted after Major Compulsory Revisions
-authors should do some other test citotoxicity (for example MTT tests)
-why the authors decided to neutral red assay?
-of how many people were tested PBMCs (indicated in materials and methods)
-often it is customary to determine the cytotoxicity stimulated (with PHA) and in unstimulated PBMCs, the authors do not cite.
-tables, and graphs should technically be better presented

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

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.