Reviewer's report

Title: Induction of Apoptosis in Cancer Cell Lines by Deep-Sea Brine Pool Bacteria from the Red Sea

Version: 1 Date: 20 October 2013

Reviewer: Boris Pliyev

Reviewer's report:

In this study Sagar et al. investigate the ability of extracts from deep-sea brine pool bacteria from the Red Sea to induce apoptosis in various cancer cell lines. The authors report that most of the microbial extracts induce apoptosis in the cancer cell lines. The authors provide molecular insights into the mechanisms whereby the extracts induce the cytotoxic effect. The experiments are generally well performed and appropriately controlled. Multiple methods of apoptosis assessment have been used. This reviewer recommends the publication of the manuscript.

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.

Declaration of competing interests:

I declare that I have no competing interests