Reviewer's report

Title: Radioprotective effect of the Barbados Cherry (Malpighia glabra L.) against radiopharmaceutical Iodine-131 in Wistar rats in vivo

Version: 7 Date: 24 November 2013

Reviewer: Glenda Nicioli da Silva

Reviewer's report:

Some considerations:
- Comet assay should be performed to check DNA repair.
- Although the authors remove the comparisons between different groups of Figure 2, they conclude that increased dose could be associated to protective effect (pag 14, line 332). Thus, the dose seems to be more important than the type of treatment.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

I declare that I have no competing interest.