Reviewer’s report

Title: Oral treatment with Euterpe oleracea Mart. (açaí) extract improves cardiac dysfunction and exercise intolerance in rats subjected to myocardial infarction

Version: 2  Date: 21 April 2014

Reviewer: Eliete Bouskela

Reviewer’s report:

This is an interesting manuscript, however several points need to be revised before it may be considered for publication.
1. in the Abstract, it should be stated which coronary artery was occluded;
2. if the number of rats with MI is 6 and this group was subdivided into 2 subgroups, one has only 3 rats per group;
3. is there an increase in mean arterial pressure in MI rats with the treatment with açaí: 115.3 +/- 7.24 mmHg (placebo) versus 130.0 +/- 8.16 mmHg (açaí);
4. why sham rats were not treated?
5. one table should be added with weight, mean blood pressure, heart frequency, etc for each subgroup;
6. the discussion should be shortened. As it stands it is confuse and somewhat repetitive.

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: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

No conflict of interest to declare.