Reviewer’s report

Title: Dichloroacetic acid-induced testicular toxicity in male rats and the protective effect of date fruit extract

Version: 0 Date: 05 Oct 2016

Reviewer: Bozena Denisow

Reviewer’s report:

The study investigated the protective effect of aqueous date extract (ADA) against the dichloroacetic acid (DCA), one of the most important toxic disinfectant by-products formed during water chlorination.

Low and high doses (0.5 and 2g/l) of DCA induced testicular toxicity in male rats, caused decreases in absolute testes and epididymis weights. The ADE had the therapeutic potency. The protective effect of ADE may be due to its antioxidant property of the Phoenix dactylifera fruits. This is a good quality ms.

The introduction is sufficient.

Material and methods are clearly and reasonably described.

Results are reliable, clearly described, data are statistically analyzed. Photographs are of good quality, and evidently document the results.

Minor comments

Line 84 - it is phoenix dactylifera L. - should be Phoenix dactylifera L.

Lines 88,89 Magnesium, Zinc - small letters, please

Line 89 Magnesium,...) - remove dots and comma

Line 97 - [19- 23, - add parenthesis

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.
Yes

**Are the conclusions drawn adequately supported by the data shown?**
If not, please explain in your comments to the authors.

Yes

**Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?**
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Acceptable

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