Reviewer’s report

Title: ALA-D activity is a reliable marker for oxidative stress in bone marrow transplantation patients

Version: 2 Date: 5 November 2008

Reviewer: Piotr Dziegieł

Reviewer’s report:

The paper submitted for a review pertains study of ALA-D activity as reliable marker for oxidative stress in bone marrow transplant patients. The study involves an interesting approach to the problem of oxidative stress after chemo- and radiotherapy before bone marrow transplantation.

I would like to present the following remarks and suggestions for the authors:

1. In my opinion the language correction should be done. I suggest the title should be changed into “#-ALA-D activity is a reliable marker for oxidative stress in bone marrow transplant patients”

2. Methods: Description of the patients treatment is complicated and should be placed into the table 1.

3. Methods: The abbreviation „HSCT” should be explained.

4. Methods: The abbreviation „MDA” (malondialdehyde) should be explained.

5. Methods: #-ALA-D – there is lack of measurement unit.

6. For estimate oxidative stress, should be made activity of GPx (Glutathione peroxidase) and glutathione reduced (GSH) and oxidized disulfide form (GSSG).

Summing up, in my opinion the paper should be thoroughly corrected and re-edited.

Level of interest: An article of importance in its field

Quality of written English: Not suitable for publication unless extensively edited

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