Reviewer’s report

Title: Evaluation of serum prolidase activity and oxidative stress markers in men with BPH and prostate cancer

Version: 0 Date: 18 Sep 2017

Reviewer: Abdel-Rahmene Azzouzi

Reviewer’s report:

Very interesting article about oxidative stress markers and ROS levels in comparison in BPH and PCa. Methods are very well described as well as the different measurement of markers of interest. However, I have some remarks.

R1: You don't specify the roles of the different molecules in the introduction. We don't know (before the discussion) if SPA is an OS marker or an antioxidant enzyme. It is the same problem with MDA and SOD. Also, you don't specify the way of evolution (higher or lower) in the urologic diseases well described in the literature (BPH, bladder and renal cell carcinoma).

R2: Your results are missing. You cannot just write that you didn't find any significantly results. We need to compare your results with the data from literature. So, please give us your results and present the results in graphs for BPH and PCa.

R3: Could you measure the other markers describe in the literature? For example, Total Antioxidant Status (TAS), Total Oxidant Status (TOS), NO level, vitamins (C and E), glutathione peroxidase (GSHPx), glutathione-S-transferase (GST)…

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.

No

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.

Not relevant to this manuscript

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

Acceptable

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