Reviewer's report

Title: Role of Calcifying Nanoparticles in the Development of Testicular Microlithiasis in Vivo

Version: 0 Date: 31 Oct 2016

Reviewer: Maria Madalena Pessoa Guerra

Reviewer's report:

The aim of this study was to test the hypothesis that human-derived NPs could invade the seminiferous tubules and induce TM phenotype. The authors adopted the conventional methods to evaluate it. Their results indicated that human-derived NPs could invade the seminiferous tubules and induce TM phenotype. The writing and grammar of this paper is good. However, this paper still needs further correction. The authors should put at least one manuscript to each used technique, to reference it. Despite of some of them being well known, it is necessary to inform details to someone that want to use it at the first time. In the statistical analysis the authors says "Results are presented in the form of mean ± SD." Which results they refers to? The work has only description of the figures. Also, authors should review the colors of the arrows in the figures with those cited in the text. So, after the corrections, it can bring great contributions to andrology.

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

Unable to assess

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.

Not relevant to this manuscript
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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