Author’s response to reviews

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

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Author’s response to reviews:

Dear editor,

Thank you for the comments on our manuscript. We have carefully prepared a revised manuscript to address all the questions raised by yours, and hope that our replies and new revision are satisfactory to you and the referees, and that the manuscript is now acceptable for publication in BMC Urology.

Please let me know if you have any questions.

Sincerely yours,

Best regards.

Qing-hua Zhang,

Department of Obstetrics and Gynecology,
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Editorial Comments:

1) Abstract, Conclusions:
- current: ‘The results obtained from our study suggested a potential pathogen of NPs…’
- change to: ‘The results obtained from our study suggested a potential pathogenic effect of NPs…’

Answers:
According to your comment, we have corrected the sentence (Abstract, Conclusions, line 8-19, page 3).

2) Background, 1st paragraph, 3rd sentence:
- current: ‘From clinical and laboratory studies, the existing evidences have confirmed…’
- change to: ‘From clinical and laboratory studies, the existing evidence has confirmed…’

Answers:
According to your comment, we have corrected the sentence (Background, line 7, page 5).

3) Background, 1st paragraph, 4th sentence:
- current: ‘…were not yet fully understood.’
- change to: ‘…are not yet fully understood.’

Answers:
According to your comment, we have corrected the sentence (Background, line 11-12, page 5).
4) Background, 1st paragraph, last sentence:
- current: ‘Recently, nan-sized bacteria-like organisms…’
- change to: ‘Recently, nano-sized bacteria-like organisms…’

Answers:
According to your comment, we have corrected the sentence (Background, line 12, page 5).

5) Background, 2nd paragraph, 1st sentence:
- current: ‘…referring to nan-sized bacteria-like organisms…’
- change to: ‘…referring to nano-sized bacteria-like organisms…’

Answers:
According to your comment, we have corrected the sentence (Background, line 12, page 5).

6) Background, 2nd paragraph, 4th sentence:
- current: ‘Although, there are insufficient proofs of calcifying nanoparticles to be living organisms, a great deal of evidence from previous studies have established…’
- change to: ‘Although there is insufficient proof that calcifying nanoparticles are living organisms, a great deal of evidence from previous studies has established …’

Answers:
According to your comment, we have corrected the sentence (Background, line 20-22, page 5).

7) Methods, Generation and preparation of human NPs, 1st sentence:
- current: ‘…were recruited and informed consent…’
- change to: ‘…were recruited and gave informed consent…’

Answers:
According to your comment, we have corrected the sentence (Methods, line 7-8, page 6).
8) Methods, Sample collection, last sentence:
- current: ‘…before the epididymis were completely removed.’
- change to: ‘…before the epididymis was completely removed.’

Answers:
According to your comment, we have corrected the sentence (Methods, line 6, page 7).

9) Methods, Histological staining, 1st sentence:
- current: ‘Testis were fixed...’
- change to: ‘Testis was fixed...’

Answers:
According to your comment, we have corrected the sentence (Methods, line 8, page 7).

10) Methods, Testis ultrastructural study, 1st sentence:
- current: ‘… fresh testis tissue were cut...’
- change to: ‘… fresh testis tissues were cut...’

Answers:
According to your comment, we have corrected the sentence (Methods, line 8, page 7).

11) Results, Histopathological findings, last sentence:
- current: ‘… following inflammatory disease resulted from NP infusion was formed in group C only...’
- change to : ‘… following inflammatory disease resulting from NP infusion was formed in group C only...’

Answers:
According to your comment, we have corrected the sentence (Results, line 21, page 8).
12) Results, Ultrastructural observations, 1st paragraph, 3rd sentence:
- current: ‘…which prompts that the formation of microcalcification…’
- change to : ‘…which suggests that the formation of microcalcification…’

Answers:
According to your comment, we have corrected the sentence (Results, line 9, page 9).

13) Results, Ultrastructural observations, 2nd paragraph, 2nd sentence:
- current: ‘…in the testis after 2 week in group C …’
- change to : ‘…in the testis after 2 weeks in group C …’

Answers:
According to your comment, we have corrected the sentence (Results, line 16, page 9).

14) Discussion, 1st paragraph, last sentence:
- current: ‘…which prompted that they might be living entities.’
- change to : ‘…which suggested that they might be living entities.’

Answers:
According to your comment, we have corrected the sentence (Results, line 8, page 10).

15) Discussion, 2nd paragraph, last sentence:
- current: ‘… experimental studies on animal model…’
- change to : ‘… experimental studies on animal models…’

Answers:
According to your comment, we have corrected the sentence (Results, line 5, page 10).