Dear Kaity,

Thank you for considering my article for publication in the UBCMJ and for providing me with the suggested revisions. Please find below my responses to the reviewer comments. My revised article and figure have been uploaded to the UBMJ submission portal.

Best regards,

Kevin

Required Revisions:

*- Add some more citations to the introduction (if possible)*

I am assuming that this is referring to the first paragraph of the article, and not the abstract. I was unable to find any locations to add citations to the introduction, but if there are any specific locations where citations are thought to be needed I would be happy to take another look at this.

*- A reviewer suggested to add two figures to have the non-expert reader understand what nanoparticles really are, and to also show them a success story in this field 🡪 having figures would be very helpful*

I have added a figure to conceptually illustrate what nanoparticles are. Please note that the the figure legend was added to the end of the revised manuscript, and the figure itself was uploaded as a separate .tif file. The Adobe Illustrator file used to generate the .tif is available upon request.

I have not yet created a second figure to demonstrate a success story, but if you think there would be room to include this I would be able to generate one within the next week.

*- Consider looking for current primary research or a clinical trial to bolster the body of the article*

Further details regarding current clinical trials were added to the ends of paragraphs four and five.

*- Make the conclusion more convincing as to why nanotechnology has a future in cancer therapy (suggested to discuss the reliance on future funding to advance developments)*

The concluding paragraph was substantially rewritten to try and emphasize the future role of nanotechnology in cancer therapy.

*- consider expanding on more of the examples, so it seems less “list-like” 🡪 either by removing a few examples or elaborating on a few more. The examples are really helpful and they add a lot of good support.*

I expanded on one of the examples in the second paragraph, as well as in several other locations (see responses to comments below).

 *- One of the reviewers gave a few places that may be able to accommodate some of
 these changes (not all of these need to be made, but I would try to expand on one or
 two examples – these are just suggestions of which ones may be helpful):*

1. *The paragraph that includes: “nanoparticles may act like artificial viruses that can transport nucleic acids and “infect” cancer cells to deliver a payload” 🡪 would be interested to hear a bit more about this*

More details were added to this paragraph to better explain this concept.

1. *“While this sounds futuristic, some of these systems have already entered clinical trials” 🡪 is it possible to give an example?*

A specific example was added here with a reference to an ongoing clinical trial.

1. *“Recent Phase III data showed promise for using this approach to co-deliver cytarabine and daunorubicin to AML patients.” 🡪 why is co-delivery important?*

This example was elaborated as suggested.