Dear Editor. Thank you for your work. We have answered all your comments.

Answers are in italic.

The manuscript will benefit from thorough language revision as there are a number of grammatical errors throughout. Please thoroughly review (preferably use a proficient English speaker) the manuscript and edit any errors.

*Grammar has been checked.*

1. Why new?

*Because the rapid injection method is new.*

1. Please fill and sign the attach License agreement. Please also confirm the correct access type: Open vs Standard.

*The file was sent to the editor on email. It is uploaded again.*

1. I have reduced this to 50 words

*Thank you for that.*

1. All the cells you image have been fixed, please change this.

*It has been changed.*

1. I think this can be deleted.

*It has been deleted.*

1. I added this, is it correct?

*It is correct.*

1. What is the source? Please add it to the table of materials.

*Cells were provided by Dr. Moustapha Kassem, it is mentioned in acknowledgments.*

1. At what cell density? What are the incubation conditions for the 24 h hours after seeding? Is MEM used? If so, how much?

*It has been clarified.*

Is the culture media removed prior to this addition?

*It has been clarified.*

1. Are the fixed cells mounted on microscopy slides?

*Yes, on the #1.5 cover slips where the cells were seeded in step 3.2.*

1. Please remove/replace the commercial name

*It has been removed.*

1. DAPI has an absorption peak at ~400 nm. It is unclear how the 780 nm laser can be used to excite it.

*Thank you for this comment. We have clarified in the text, it is a two-photon laser.*

It is unclear that both methods were demonstrated in the protocol (only lipid coated). Please reference the steps where pure falcarindiol particles were fabricated, and the steps where lipid-coated NPs were fabricated.

*The protocol only shows the lipid-coated fabrication, but the same technique was used, only without adding the lipids for the pure falcarindiol nanoparticles.*

*Data for pure falcarindiol nanoparticles size is in table 1.*

1. How was this measured?

*The software gives this value.*

1. What about the 3 h measurement?

*The 3 h measurement is shown in table 1.*

1. At 3 h?

*Table 1 shows the sizes of the nanoparticles after fabrication and also a measurement after 3 h. We have tried to clarify it in the text.*

1. At least a sample image must be provided. Unclear why it cannot be shown. You can include this as a figure or a supplementary file

*It has been added.*

1. Please provide this as a separate excel file.

*It is uploaded now.*

1. The file provided is clipped on the left and right sides. Please fix this.

*We fixed it.*

1. Define the pseudocolors red and blue.

*They have been defined now.*