Reviewer’s report

Title: Synergistic effects of oncolytic reovirus and docetaxel chemotherapy in prostate cancer

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Reviewer: Stephen Thorne

Reviewer’s report:

The authors describe a synergistic interaction between Reovirus and docetaxel in the killing of prostate cancer cell lines. Although the same synergy has been previously described in different cell lines, the use of prostate models is of interest as it more directly addresses the current and future clinical development of oncolytic Reovirus.

Although the authors do not demonstrate a mechanism mediating this synergy, they do report an increase in microtubule stabilization during combination therapy and a transient increase in viral replication.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests