Reviewer’s report

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

Version: 2 Date: 17 December 2010

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 this in itself is of interest for the current and future clinical development of oncolytic Reovirus, it is felt that there is limited novelty (the same synergy has been previously described in different cell lines), and that the data is too early stage for publication.

Although the authors do demonstrate an increase in microtubule stabilization during combination therapy and a transient increase in viral replication, there is no indication if this is related to the mechanism of synergy and so no real attempt to explain how the synergy was occurring.

Level of interest: An article of limited interest

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