Reviewer's report

Title: WEE1 inhibition sensitizes Osteosarcoma to Radiotherapy

Version: 3 Date: 11 March 2011

Reviewer: Marie Fernet

Reviewer's report:

The authors of the manuscript "Wee1 inhibition by PD016285 sensitizes osteosarcoma cells to irradiation-induced cell death" have answered to all the questions raised by the reviewers and made a lot of additional experiments to complete their study and to confirm their working hypothesis. The discussion section has also been improved. Some additional experiments are of course needed to validate these observations before starting clinical trials but the results presented are encouraging. For me, this work is now ready for publication.

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