Reviewer's report

Title: Enhanced cytotoxic effect of radiation and temozolomide in malignant glioma cells: Targeting PI3K-AKT-mTOR signaling, HSP90 and Histone deacetylases

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Reviewer: Stefanie Galban

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'Enhanced cytotoxic effect of radiation and temozolomide in malignant glioma cells: Targeting PI3K-AKT-mTOR signaling, HSP90 and Histone deacetylases'. Before publication the authors need to address the PTEN status of these cell lines and discuss how that might affect treatment outcome. I failed to address this point in my previous review in more detail, but I feel that it is important to be added/addressed in the discussion of this study. To my knowledge are U251 cells PTEN mutant whereas T98G cells are PTEN wt. Since PTEN status greatly affects PI3K/AKT/mTOR signaling, it is an interesting, yet not surprising finding that treatment outcome with agents impinging on this pathway varied between these cell lines.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

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