Reviewer’s report

Title: A survivin-responsive, conditionally replicating adenovirus induces potent cytocidal effects in adult T-cell leukemia/lymphoma

Version: 2 Date: 11 Apr 2019

Reviewer: Reviewer 2

Reviewer's report:

PEER REVIEWER ASSESSMENTS:

OBJECTIVE - Full research articles: is there a clear objective that addresses one or several testable research questions? (Brief or other article types: is there a clear objective?)

Yes - there is a clear objective

DESIGN - Is the current approach (including controls and analysis protocols) appropriate for the objective?

Yes - the approach is appropriate

EXECUTION - Are the experiments and analyses performed with sufficient technical rigor to allow confidence in the results?

Yes - experiments and analyses were performed appropriately

STATISTICS - Is the use of statistics in the manuscript appropriate?

Yes - appropriate statistical analyses have been used in the study

INTERPRETATION - Is the current interpretation/discussion of the results reasonable and not overstated?

Yes - the author's interpretation is reasonable
OVERALL MANUSCRIPT POTENTIAL - Has the author addressed your concerns sufficiently for you to now recommend the work as a technically sound contribution? If not, can further revisions be made to make the work technically sound?

Yes - current version is technically sound

PEER REVIEWER COMMENTS:

GENERAL COMMENTS: Summary of the revision assessment

The authors of the study performed the corrections in the manuscript according to the suggestions presented in the peer review.

Regarding the comment for the Introduction, the authors have added the reference to Mitsui et al. Mol Ther Methods Clin Dev. 2015.

Regarding the Methods section, the sources of cell culture medium and supplements have been included.

The number and year of ethical approval were indicated in the text.

Also, the line on page 11 has been removed.

As to the Figures, the authors have added the requested information explaining which cell lines were ATL lines and which lines were HTLV-1-infected T cell lines.

The abbreviation PBLs has been introduced as "peripheral blood lymphocytes" on page 27.

The proper Endnote style for the references has been chosen and the references have been adjusted according to the selected style.

Conclusion

The authors have responded to all the suggestions included in the peer review. Therefore, the present research paper can be recommended as a technically sound contribution. The results of the study would be interesting for hematologists, oncologists and virologists.

ADDITIONAL REQUESTS/SUGGESTIONS:

The authors have performed all the corrections included in the peer review. Thus, the study can be considered as a technically sound scientific contribution.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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Please complete a declaration of competing interests, considering the following questions:

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