Author's response to reviews

Title: Enhanced caveolin-1 expression increases migration, anchorage-independent growth and invasion of endometrial adenocarcinoma cells

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Author's response to reviews: see over
Dear Prof. Maggiolini

We are resubmitting our manuscript (MS: 2777858815881218) entitled “Enhanced caveolin-1 expression favors migration, anchorage-independent growth and invasion of endometrial adenocarcinoma cells” for consideration as an Original Article in the journal BMC Cancer. The revised manuscript now includes responses to the comments we received and the modifications requested. A point-by-point discussion of how precisely the issues raised by individual reviewers were addressed is included below.

We would like to thank the reviewers for their valuable comments and the favorable revision of the manuscript. In that we have addressed the minor concerns raised, we believe the manuscript is now acceptable for publication in BMC Cancer.

Yours Sincerely

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Díaz et al. (MS: 2777858815881218)
Point-by-point response to reviewers

Referee 1:

1. This manuscript is well performed and well written and reveals a role for caveolin-1 in endometrial cancer. The conclusions are supported by the data and, pending minor revision, the manuscript can be accepted. In detail, I would suggest to change the caveolin-1 WB panel in Figure 3A. In this blot is impossible to see that caveolin-1 protein level has been reduced by lentiviral infection.

   Level of interest: An article of importance in its field

R: We would like to thank the reviewer for the favorable evaluation of our manuscript.

As requested, the caveolin-1 WB was changed (Fig. 3A)

2. Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

R: The statistical analysis was revised again and to the best of our knowledge the appropriate tests were employed.

Referee 2:

In this manuscript, Diaz-Valdivia et al. demonstrate that elevated CAV1 levels are linked to enhanced malignancy of endometrial cancer cell. They observed an increased CAV1 expression in response to 12-O-tetradecanoyl-phorbol-13-acetate (4#-TPA), and is paralleled by increased migration, invasion and anchorage-independent growth.

The experiments performed on the two endometrial cancer cell lines are well done and sufficiently robust for the conclusions reported in the paper. No revisions are required.

   Level of interest: An article of importance in its field

R: We would like to thank the reviewer for the favorable evaluation of our manuscript.

1. Quality of written English: Needs some language corrections before being published
R: The text was revised again in detail by a native speaker.

**Editor's Request:**

*Copyediting:*
*We recommend that you copyedit the paper to improve the style of written English.*

R: The manuscript was revised again by a native speaker.