Reviewer's report

Title: The Effect of Proteoglycans Inhibited by RNA Interference on Metastatic Characters of Human Salivary Adnoid Cystic Carcinoma

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Reviewer: Ruy G Jaeger

Reviewer's report:

The manuscript present interesting data. However, some corrections and clarifications need to be made.

Major:

1) To address physiological relevance, expression of proteoglycans and XTLY-I in vivo in salivary glands should be demonstrated.

2) Characterization of SACC-M cells. What salivary tumor markers do this cell line express?

3) Immunoblot of XTLY-I is included in results (Fig. 4) but is barely mentioned in material and methods. Why? What protocol was used?

4) Fig 8 is really poor. It must be replaced by a black and white, high contrast illustration.

5) Many graphs are not properly described. For instance Fig 6 has a Y axis named "The adhesion rate". What does it mean? Fig 4 has a Y axis named "The protein level". Is it absorbance?

Minor

Manuscript will benefit from professional language editing.

Level of interest: An article of importance in its field

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.