Reviewer's report

Title: Estimate of the Global Burden of Cervical Adenocarcinoma and Potential Impact of Prophylactic Human Papillomavirus Vaccination

Version: 1 Date: 4 September 2013

Reviewer: Fabio Almeida

Reviewer's report:

Discretionary Revisions:

1 - It is important to consider that the problems related to the increased incidence of AIS are also associated to unsatisfactory samples or mistakes in prognosis and not just for the reason that it is difficult to sample because it occurs within the endocervical canal.

Major Compulsory Revisions:

1 - I could not find the values of $R^2 = 0.127$ in their results. It is not very clear in the text...

"... Increasing trend in the percentage of ADC contributing to ICC with Increasing cervical screening coverage ($R^2 = 0.127$)."

It is significant that this part be explained more as to give importance to this value. Computations on these $R^2$ should be explained to further give details as to how they come up into that figure. (refer to Figure 4).

2 - The limitation of the study described in page 12 is not clear.

3 - In page 15, the author raised this statement...

"Both data sources confirm the limited genotype distribution among ADC. It is well documented que alpha-7 species, including HPV-18 and -45, are over-represented in ADC Compared to SCC [48]. The greater tendency of alpha-7 species to cause ADC Compared to alpha-9 and other species ..."

The use of “alpha-7” and “alpha-9” is unclear. It is important to also include in the paragraph what alpha-7 and alpha-9 are all about - its background and related studies - to further give clarifications on the statement. This paragraph could be improved in some points.

4 - The keyword "cervical cancer" does not exist in the list of PUBMED Mesh. The correct term is “uterine cervical neoplasm.”

5 - The numbering of figures is incorrect. Please check all the sequences so it will match with figures and its statement.

6 – Page 11, second paragraph, does not have citations. It is imperative to include the author quoted in the statement.
7 - Page 13, first paragraph does not mention the figure 6 and neither the author. Secret Point.

**Level of interest:** An article of outstanding merit and interest 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:**

declare that I have no competing interests