Reviewer's report

Title: Molecular breast cancer subtypes and therapies in a public hospital in Northeastern Brazil

Version: 1 Date: 4 August 2014

Reviewer: Bodour Salhia

Reviewer's report:

Minor essential revisions:

The authors describe the breast cancer subtype distribution for a population situated in NE Brazil.

1) The manuscript is not very novel, even for Brazil, and authors need to point out the novelty of their manuscript

2) Ki67 hi/low is used to identify luminal B tumors which are HR+ Her2- tumors (yes it was a reclassification of Luminal A tumors). HR+/Her2+ are always luminal B regardless of Ki67 status. Check materials and methods.

3) For age associations authors should try below

4) Was all IHC data available for this study from patient archives?

5) Authors need to reference their tables throughout the Results. Also, the tables, especially table 1, is quite large and perhaps should be broken up into several tables.

6) The Kaplan Meier curve described in the results should be shown as a figure

7) Provide an explanation as to why lymph node status and metastasis were not associated to subtype

8) It should be lymph node status (not state).

9) The manuscript is well written but there are several typos and grammatical errors.

Level of interest: An article of limited interest

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

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