Reviewer's report

**Title:** SOD2 immunoexpression predicts lymph node metastasis in penile cancer

**Version:** 2  
**Date:** 18 January 2015

**Reviewer:** Rui Henrique

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This paper by Termini and co-workers describes an interesting study concerning a relatively infrequent and not widely studied neoplasm: penile carcinoma. This study provides evidence that SOD2 immunoexpression might help predicting lymph node metastasis in usual type squamous cell carcinoma of the penis. Overall the methodology seems to be sound and appropriate for the purposes of the study.

**Major compulsory revisions:**

- Page 4, line 103-104: a reference should be provided concerning this statement.
- Page 4, lines 104-107: this phrase is confusing. Please re-phrase.
- Page 6, Immunohistochemistry: a polyclonal antibody was used for the purposes of this study. How was the specificity of the antibody tested (western blot? other?). Please clarify.

**Minor essential revisions:**

- Page 7, line 170: should read "...percentage of stained tumoral cells."
- Page 11, line 283: should read "...which is less frequently associated with..."

**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.

**Declaration of competing interests:**

'I declare that I have no competing interests'