Reviewer’s report

Title: Clinical significance of OCT4 and SOX2 protein expression in cervical cancer

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Reviewer: Guglielmina Ranzani

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Kim and collaborators investigated the clinical significance of OCT4 and SOX2 transcription factors in cervical cancer. Protein expression was evaluated by IHC (employed in a semi-quantitative mode) in 161 primary invasive cervical cancers, 289 cervical intraepithelial neoplasias and 305 matched normal tissue samples. IHC results were related to clinicopathological features, including survival rates of patients; survival analysis proved that OCT4 overexpression and SOX2 loss of expression were associated with poor prognosis in cancer patients.

The question posed by the authors is well defined; methodological approaches, number of investigated cases, and statistical evaluation are perfectly adequate to meet the purpose of the work. The result obtained are clearly presented, properly interpreted, and discussed in the frame of relevant literature. Accordingly, I have no criticisms about this paper.

Level of interest: An article of importance 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:

I declare that I have no competing interests