Reviewer's report

Title: Role of serum S100B and PET-CT in follow-up of patients with cutaneous melanoma B. Peric, I. Zagar, S Novakovic, J. Zgajnar, M. Hocevar Institute of Oncology Ljubljana, Slovenia

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Reviewer: simone mocellin

Reviewer's report:

The paper is about a timely and hot topic such as the prognostic value of S100B in patients with melanoma. However, the article has two main limits: 1) the authors should report ROC curves for S100B, which would improve the description of the discriminatory ability of this biomarker; 2) the authors should improve the description of the role of S100B in the prediction of prognosis of patients with melanoma, which is currently poor: in particular the authors seem to ignore the presence of tens of articles published on this topic, most of them being summarized in a meta-analysis by Mocellin et al (Int J Cancer 2008, 123:2370-6).

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

'I declare that I have no competing interests'