Reviewer's report

Title: Growth and metastasis of B16-F10 melanoma cells is not critically dependent on host CD73 expression in mice

Version: 4 Date: 1 October 2014

Reviewer: Linda Thompson

Reviewer's report:

I believe the authors have made a sincere and honest attempt to respond to my comments.

Major Compulsory Revisions

In my opinion, the final sentence to the manuscript in the Conclusions section is too strong given the data in the paper. I believe the results the authors obtained with the B16-F10 melanoma model and I don't think their results are so different than what has been published previously. However, I don't think it is possible to conclude that tumor CD73 expression will be the most important factor in determining whether CD73 creates an immunosuppressive tumor environment. There is clear data in the literature from two groups showing the importance of host CD73 (hematopoietic and non-hematopoietic cells). My guess is that the relative contribution of tumor vs. host CD73 may be different for different tumors.

Minor Essential Revisions

In Figure 7B, days is given as "zeit."

Level of interest: An article whose findings are important to those with closely related research interests

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.