Reviewer's report

Title: T lymphocytes derived from human cord blood provide effective antitumor immunotherapy against a human tumor

Version: 1 Date: 3 January 2011

Reviewer: InSug O-Sullivan

Reviewer's report:

1. Is the question posed by the authors well defined?
   Yes. The essential portion and substantial evidence of anti-cancer immunity by mature CB derived T-cells are well addressed.

2. Are the methods appropriate and well described?
   Most methods are appropriate, although more in-vivo data are desired.

3. Are the data sound?
   Some data especially several data sets have higher error range although the authors reported each and every one of them are statistically significant. And also, the number of sample size N, should be defined.

4. Does the manuscript adhere to the relevant standards for reporting and data deposition?
   Yes.

5. Are the discussion and conclusions well balanced and adequately supported by the data?
   Yes.

6. Are limitations of the work clearly stated?
   Not much, which the reviewer can realize.

7. Do the authors clearly acknowledge any work upon which they are building, both published and unpublished?
   Yes, I think so.

8. Do the title and abstract accurately convey what has been found?
   Yes.

9. Is the writing acceptable?
   Yes, with the discretionary revisions.

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'