Author's response to reviews

Title: Characterization of a unique technique for culturing primary adult human epithelial progenitor/"stem" cells

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Author's response to reviews: see over
Dear Dr. Timothy Shipley,

Thank you very much for your review of our Manuscript. I appreciate the interested in this study that was expressed in the comments.

We clarified and added to the manuscript as suggested by reviewer Dr. Palecek: that I change the statement concerning growth of cells on microcarrier beads to attachment. I agree with this criticism and have done so. I read paragraph one to read that while disappointed in that some of data will not be included in this report, that it was ok.

The second reviewer, Dr. Bullock accepted our responses and was very graciously in his comments.

Thank you very much for considering our manuscript for publication in your journal.

Cynthia Marcelo

Reviewer's report
Title: Characterization of a unique technique for culturing primary adult human epithelial progenitor/stem cells
Version: 1 Date: April 2012
Reviewer: Anthony Bullock

Suggestion: Change Growth to attachment:

Action: Agreed to change the word growth to attach or attachment.

- Abstract: changed to: The cell suspension, called epithelial Pop Up Keratinocytes (ePUKs) were analyzed for culture expansion, cell size and glucose utilization, attachment to carrier beads, micro... and in results section of the abstract: “greatly in culture, attached to carrier beads, did not form microspheroids, used approximately”. This is on page 2.
• Page 6, title of section changed to “Attachment of ePUK cells on Microbeads and Spheroid Formation”, Page 9. Also first paragraph: “(EVPOME) is presented for epidermal and oral mucosal cells and attachment on microbeads”.

• Page 12 change title of section in Results to “ePUK cell Attachment on Carrier Beads”.

• Page 25 changed title of figure 6 to “Figure 6. Effect of essential fatty acids on ePUKs morphology, ePUKs on microbeads, and growth on EVPOME. “ This is last line on page. And I changed “Figure 6d: The ePUK cells can be transferred to microcarrier beads” I dropped the work “grow”.

• And first line of this paragraph to “The ePUK cells are adaptable, and can easily attach to microcarrier beads,”….. This observation is important because a device using epidermal keratinocytes attached to carrier beads