Reviewer’s report

Title: Biocompatibility of three bioabsorbable membranes in culture of fibroblasts FGH and human osteoblast like cells.

Version: 1 Date: 11 February 2014

Reviewer: Adrian Kasaj

Reviewer’s report:

Major compulsory revisions:
The present in-vitro study evaluated the biological effects of three different resorbable membranes. Unfortunately, this manuscript gives nothing new to the literature.

The comments are in the following:
1.) Abstract: What are mouth fibroblasts? Do you mean human gingival fibroblasts?
2.) This manuscript is difficult to read and needs some extensive editing for the English language.
3.) Introduction: Please focus on guided tissue regeneration or guided bone regeneration, but don’t mix it together.
4.) What was the purpose of including a PLA-based membrane in the study?
5.) A viability test was performed at 4h and 24h. This is a very short time period. It may be useful to look at cell viability at later time points.
6.) The evaluation of cell attachment to these membranes would improve the paper.
7.) Results: Figures would be easier for the reader to interpret the results.
8.) Discussion: The discussion is too long and should be shortened.

Level of interest: An article of limited interest

Quality of written English: Not suitable for publication unless extensively edited

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests