Reviewer's report

Title: Short-term effects of amelogenin gene splice products A+4 and A-4 implanted in the exposed rat molar pulp

Version: 1 Date: 7 December 2007

Reviewer: Thomas Stamm

Reviewer's report:

General

The paper describes short time effects of two bioactive low molecular amelogenin splice products A+4 and A-4. The study seems to be well made and addresses a relevant topic.

The questions posted by the authors are well defined. The literature review is of adequate length. The methods and statistics are appropriate, the results clearly presented and the discussion thorough. The authors provided sufficient details to replicate the work. Overall the manuscript is well written, concise and complete.

Minor Essential Revisions

There are some minor changes I would recommend prior to publishing.

General policy

- any experimental research on animals must follow internationally recognized guidelines. A statement to this effect should appear in the Methods section of the manuscript, including the name of the body which gave approval, with a reference number where appropriate.

- the manuscript should be in adherence to the Instructions for Authors. This concerns the citation, reference style and sectioning of the manuscript (please see http://www.head-face-med.com/info/instructions/default.asp)

- please add an Authors' contributions section

- please list the source(s) of funding for the study, if any.

Abstract

- please add the number of molars and animals included.

What next?: Accept after minor essential 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.