Reviewer's report

Title: Gene-Enhanced Tissue Engineering For Dental Hard Tissue Regeneration: (2) Dentin-Pulp And Periodontal Regeneration:

Version: 1 Date: 13 April 2006

Reviewer: Ulrich Meyer

Reviewer's report:

General
The two part review on gene enhanced tissue engineering is a timely and well written manuscript. The authors provide a very good overview over the actual state of gene enhanced tissue engineering strategies. The paper mirrors the competence of the authors in the field of gene therapy. The conceptual approach to review basic principles (Part I) and applications Part (II) is of special relevance to understand this interesting field in tissue engineering. The reference list is actual and compromises the most important publications. The work does not need any corrections and can be published in the present form. It is of high relevance for the readers of Head and Face Medicine.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)
not needed
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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)
not needed

Discretionary Revisions (which the author can choose to ignore)

What next?: Accept without revision

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.