Reviewer’s report

**Title:** 1,25-Dihydroxyvitamin D3 prevents bone loss of the secondary spongiosa in arthritic rats by an increase of bone formation and mineralization and inhibition of bone resorption

**Version:** 3 **Date:** 24 July 2014

**Reviewer:** Thomas Pufe

**Reviewer’s report:**

Minor essential Revisions:

in general well prepared study

the manuscript would benefit from mentioning the role of ROS in AIA in the introduction chapter - please cite Wruck et al. ARD 2011;70:844-50

**Level of interest:** An exceptional article

**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'