Reviewer's report

Title: Alendronate Decreases Orthotopic PC-3 Prostate Tumor Growth and Metastasis to Prostate Draining Lymph Nodes in Nude Mice

Version: 1 Date: 8 June 2007

Reviewer: Katri Pajusola

Reviewer's report:

General
Although the effects of alendronate and other bisphosphonates are not new but have already been shown with various kind of tumors and tumor cells, and also in the previous study of these authors in vitro, the present study focuses on the specific effects of ALN for orthotopic prostate tumors in vivo. Thereby the study speaks in favor of publication.

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)
The most interesting finding of the study involves the notion that ALN decreases the relative area of metastasis in the prostate draining lymph nodes, although does not decrease the occurrence of the metastasis as such. Therefore, to discover the mechanisms for this, the analyses of the various parameters performed on the tumors in the prostate (general morphology, proliferation rate, apoptosis, capillary density), could also be performed with the metastatic lymph nodes themselves.

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

Discretionary Revisions (which the author can choose to ignore)

What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory 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.

Declaration of competing interests:
I declare that I have no competing interests.