Reviewer's report

Title: Odontogenic Ameloblast-Associated Protein (ODAM) inhibits growth and migration of human melanoma cells and elicits PTEN elevation and inactivation of PI3K/AKT signaling

Version: 1 Date: 11 December 2012

Reviewer: joo-cheol Park

Reviewer's report:

The purpose of this study was to analyze the effects of ODAM melanoma cells. As results, ODAM expression increased the PTEN (phosphatase and tensin homolog on chromosome 10) tumor suppressor gene, an antagonist of AKT activation. The study suggested that ODAM might inhibit the tumorigenicity in human melanoma cells. Therefore, this is an interesting study, where basic cell biology and molecular biology techniques were used. The manuscript is well-organized and well written, and the study is relatively well designed. Scientific new findings including anti-neoplastic effect of ODAM in human melanoma cells are also clear.

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

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.