Reviewer's report

Title: MRI to Assess Chemoprevention in Transgenic Adenocarcinoma of Mouse Prostate (TRAMP)

Version: 1 Date: 9 October 2011

Reviewer: Hon-Man Liu

Reviewer's report:

Minor essential revisions:
1. The SI difference change of prostate gland is not shown out on the section of RESULTS, though the authors suggested that is quite significant. On the other hand, please put reference about this method if there is any. Usually the SI on images is not completely representing the T1 or T2 relaxation especially when you are using Fast spin echo pulse sequences.
2. Please clarify all the p values for they should not be =<.
3. Please add the full term of “DLP” in its first appearance in the text.

Discretionary revisions:
1. Please clarify that the relationship among normal, PIN, high PIN, and cancerous lesions from pathological view.
2. Is the microscopic section and MRI section on the same direction?
3. As authors mentioned in the paper, no identity is performed in the animals in one of weakness of this paper.
4. The SI difference change of prostate gland is not shown out on the section of RESULTS, though the authors suggested that is quite significant. On the other hand, please put reference about this method if there is any. Usually the SI on images is not completely representing the T1 or T2 relaxation especially when you are using Fast spin echo pulse sequences.
5. Another weakness of this study is they use only one dosage of CDDO (10 µmol/kg in 0.1ml of vehicle, 5 days a week for 20 weeks). The dosage-dependent effect cannot be evaluated.

Level of interest: An article whose findings are important to those with closely related research interests

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