Reviewer's report

Title: Prevalence of HPV16, 18, 52, 58 and 59 in cervical cancer in Sichuan province, China

Version: 1 Date: 9 April 2008

Reviewer: Magdalena Grce

Reviewer's report:

1) Major Compulsory Revisions
In the Background/Introduction section indicate the age standardized incidence and mortality rates for cervical cancer, the rank of this cancer among women in China and eventually in the Sichuan province. For cancer cases and rates refer to the latest reports:
- http://www.who.int/hpvcentre
- Chinese cancer register
In the Methods indicate separate sections for the description of the cervical cancer specimens (patient age range, mean age, number of CIS, SSC and adenocarcinoma) and the description of DNA preparation (indicate the reference for beta-globin primers). Add a new section for the description of DNA sequencing as it is one of the method employed in this study.
Regarding the fact that you identified by sequencing other high-risk HPV types other than the one you where looking for (HPV 16, 18, 52, 58 and 59) you should adapt the title of your manuscript to, for instance, “Evaluation of high-risk Human papillomaviruses type distribution in cervical cancer in Sichuan province of China”. Also, adapt the manuscript of the study in that direction.
Results should be better and more extensively presented.
Discussion: 2nd paragraph indicate that your pre-experiment are “data not shown”. The findings described in the 3rd paragraph should be presented in the Result sections.
Provide a table comparing TS primers one-step PCR with TS primers nested PCR.
Table 3. Indicate at least the percentages (%).
Table 4. Add the results from sequencing as well. After each number of cases indicate also the percentages (%).

2) Minor Essential Revisions
Indicate references to the corresponding primers in Tables 1.
3) Discretionary Revisions

Tables 1. The first set of primers should be reverted with the second set.

**Level of interest:** An article of importance in its field

**Quality of written English:** Needs some language corrections before being published

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

**Declaration of competing interests:**

I declare that I have no competing interests