Reviewer's report

**Title:** Interrelationship between TP53 gene deletion, protein expression and chromosome 17 aneusomy in gastric adenocarcinoma

**Version:** 1  **Date:** 6 April 2009

**Reviewer:** ANNA D PANANI

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Comments
The authors investigated by FISH technique numerical aberrations of chromosome 17 and TP53 gene deletion in 20 cases of gastric adenocarcinoma. They also evaluated the p53 expression in these samples. Results were correlated with clinicopathological features. Aneusomy 17 was found in 85% of the cases, while deletion of TP53 was found in all cases. Immunoreactivity of p53 was found only in 8 intestinal type gastric cancer cases.

The study is well organized and the methods are appropriate and well described. Although, the number of cases studied is small (12 cases of intestinal type and 6 cases of diffuse type gastric cancer) the discussion and conclusions are adequately supported by the data.

Discretionary revisions: In References a recent review article “Cytogenetic and molecular aspects of gastric cancer: clinical implications” (Cancer Letters 266, 99, 2008) could be added.

**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 interest.