Reviewer's report

**Title:** Chromosomal imbalance in the progression of high-risk non-muscle invasive bladder cancer: a case control study

**Version:** 1 **Date:** 24 December 2008

**Reviewer:** Marta Sanchez-Carbayo

**Reviewer’s report:**

In the manuscript Zieger et al evaluate chromosomal imbalance in the progression of high-risk non-muscle invasive bladder cancer.

It is suggested to incorporate the following minor changes:

- The incorporation of case:control concept in the title is not fully appropriate. It would be better to delete this latter part.

- The main problem in the interpretation of the results is the mix of the two version of the arrays as well as primary and recurrent tumors. It is suggested to exclude the 10K data (since they are very few), and perform the analyses on the primary and the recurrent cases independently to check how they may validate each other or how different they are.

- Another critical issue is the potential impact of BCG or other intravesical treatment on the results. Thus similar cases, either primary or recurrent having received previous exposures (maybe different), they should be grouped and compared separately and contrasted with cases being treated with other intravesical chemotherapy (if it is the case).