Reviewer’s report

Title: Identification of hyaluronidases in colorectal cancer

Version: 1 Date: 31 March 2010

Reviewer: Sandor Spisak

Reviewer’s report:

The article by Bouga et al is an interesting, methodologically-oriented analysis comparing expression of different type of hyaluronidases using zymography and western blotting. Their expression was also examined by RT-PCR. Examine of macroscopically normal and cancerous tissues, high association of hyaluronidases in colorectal cancer was observed. This observation would be important in aspects from understanding the tumor development and diagnostics of CRC. Therefore the question posed by the authors is actual. The applied methods are reasonable and well documented and the data are sound. But instead of end point analysis the reviewer would suggest performing at least SYBR GREEN assay, which requires 60-120 pb length of products. The perfect method for the correct quantification would be the Taq-Man assay. The discussion and conclusion are well ballanced and adequately supported by the data. Literature and references were correctly used. But it would be better using more and recent relevant references. The title and the abstract are covering the contents of the publication. The writing is acceptable and well understanding. Based on consideration of the above mentioned criteria I suggest for acceptance of this publication without any changes.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.