Reviewer's report

Title: MDR1 polymorphisms are associated with inflammatory bowel disease in a cohort of Croatian IBD patients

Version: 1 Date: 21 September 2012

Reviewer: Manuela Neuman

Reviewer's report:

1. Is the question posed by the authors well defined? Yes
2. Are the methods appropriate and well described? Yes
3. Are the data sound? Yes
4. Does the manuscript adhere to the relevant standards for reporting and data deposition? Yes
5. Are the discussion and conclusions well balanced and adequately supported by the data? Yes
6. Are limitations of the work clearly stated? Yes
7. Do the authors clearly acknowledge any work upon which they are building, both published and unpublished? Yes
8. Do the title and abstract accurately convey what has been found? Yes
9. Is the writing acceptable? Yes

This is a well design study correlating the role of genetic biomarkers in IBD (UC, CD) versus normal non-diseased controls. The data comes from a very stable region with homogenic population. The analysis is well performed, the methods are classical. The discussion and conclusions reflect the data analysis. There are no serious deficiencies or major compulsory revisions that I found. The research constitutes a useful contribution to the field. I would recommend to accept the manuscript for the publication.

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.

Declaration of competing interests:

I declare that I have no competing interests' below. If your reply is yes to any, please give details below.