Author's response to reviews

Title: Genome-wide expression patterns associated with oncogenesis and sarcomatous transdifferentation of cholangiocarcinoma

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Author's response to reviews:

October 8, 2010

Dear Editor,

We previously submitted MS: 8926300243344022, "Genome-wide expression patterns associated with oncogenesis and sarcomatous transdifferentation of cholangiocarcinoma" for publication as an Original Article in BMC Cancer. We are pleased to resubmit this manuscript, which has been revised according to the associate editor’s and reviewer’s suggestions. The modified text in the manuscript has been underlined in the revised document, and our point-by-point answers to the critiques, are below.

Responses to Associate Editor Comments

As recommended by Associate Editor, we deleted the hamster cell data from the human validation data and placed the hamster data under separate heading in the Results section.

In the discussion section, we described how we identified and subsequently validated a genomic profile of human CC and then described how our hamster model had a similar expression profile. Thus, it might be a very relevant model to study human CC.

Responses to Reviewer 3

As indicated by Reviewer 3, we narrowed our focus to one aspect of our work, specifically the EMT with demethylation. We are preparing and plan to submit a second manuscript that describes our finding that the tumor suppressor UCHL1
is silenced by promoter hypermethylation, and is reexpressed by demethylation during the EMT process. Therefore, we are very sorry to submit this manuscript as a preliminary report, which only described the identification of CC-related genes from the general expression profile of CC cells and tissues, and their validations in human CC.

According to suggestion by Reviewer 3, we deleted the hamster cell data from the human validation data because it is unknown whether antibodies raised to human proteins recognize hamster proteins to the same extent.

We agree to transfer the copyright to BMC Cancer in the event that this manuscript is accepted for publication.

Thank you for your reconsideration of this paper and we look forward to your reply.

Sincerely yours,

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