Author's response to reviews

Title: MicroRNA-144 suppresses cholangiocarcinoma cell proliferation and invasion by targeting LIS1

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Dear editorial board of BMC Cancer:

Please find enclosed the manuscript: “MicroRNA-144 suppresses cholangiocarcinoma cell proliferation and invasion through targeting LIS1”, by Rui Yang, et al. to be submitted to the BMC Cancer for consideration of publication. All co-authors have seen and agree with the contents of the manuscript and there is no financial interest to report. We certify that the submission is original work and is not under review at any other publication. The study was approved by the Institutional Review Boards of the Affiliated Tongji Hospital of Huazhong University of Science and Technology.

In this manuscript, we report the results of the roles of the miR-144 function as a tumor suppressor in cholangiocarcinoma for the first time. First we detected the differentially expression of miRNA in CCA by miRNA expression profiles. Further study we focused on the biological functions of miR-144 and found that ectopic expression of miR-144 could effectively inhibit cell growth and invasion in vitro. The mechanism may be that LIS1, an important proto-oncogene in many cancers, involved in CCA and was regulated by miR-144.

We believe that our findings could be of interest to the readers of BMC Cancer because they bring new insight that miR-144 may be a new tumor suppressor for CCA.

We hope that the editorial board will agree on the interest of this study.

Sincerely yours,
Sheng-quan Zou. on behalf of the authors.