Author's response to reviews

Title: The role of c-Src in the invasion and metastasis of hepatocellular carcinoma cells induced by association of cell surface GRP78 with activated alpha2M

Authors:

song zhao (Zhaosong517@163.com)
hongdan li (lihongdan101@126.com)
Qinjun wang (gingjunwang666@163.com)
chang su (changsu80@163.com)
guan wang (Wang591716708@163.com)
huijuan song (shi-shi@tom.com)
liang zhao (liangzhao79@163.com)
luan zhidong (zhdluanwe@hotmail.com)
rongjian su (rongjiansu@hotmail.com)

Version: 3 Date: 17 November 2014

Author's response to reviews:

Dear editor

We resubmitted our revised manuscript to your journal with pleasure for your consideration. In this revised manuscript, we have providing line numbering, formatted the abstract, and provided ethics statement in the section of materials.

In this manuscript we unraveled the possible molecular mechanism by which cell surface GRP78 promotes the invasion and metastasis of hepatocellular carcinoma. We found that c-Src plays a critical role in the invasion and metastasis of HCC induced by association of cell surface GRP78 with #2M*. Cell surface GRP78 directly binds and phosphorylates c-Src. As a consequence, c-Src phosphorylated EGFR, promoting the invasion and metastasis of HCCs.

Best regards
Rongjian Su