Reviewer's report

Title: Small RNA interference-mediated gene silencing of heparanase abolishes the invasion, metastasis and angiogenesis of gastric cancer cells

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Reviewer: Akio Yamaguchi

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This paper “Small RNA interference-mediated gene silencing of heparanase abolishes the invasion, metastasis and angiogenesis of gastric cancer cells” by Zheng L described the fact that heparanase-specific siRNA is of potential values as novel therapeutic agent for human gastric cancer.

This is an interesting article and will appeal to novel therapeutic agent working in the field of gastric cancer. The subject of the study is valid and generally it is a well written piece. There are, however, some key piece of information missing from the article that need to be in place before it undergoes publication. These are detailed in the comments below.

1) How do you adopt three SiRNA(nucleotide sequence)(siH1, siH2, siH3)? It aimed to lose the function of something.

2) Why is the expression of haparanase different in siRNA type?

3) What is the mechanism of the invasion, metastasis, and angiogenesis of gastric cancer cells transfected with SiRNA haparanase(siH3)?