

## ANSWERING REVIEWERS



Dear Editor,

Please find enclosed the edited manuscript in word format (16591-Review.doc).

**Title:** Emerging role of microRNAs in cancer stem cells: Implications in cancer therapy

**Author:** Minal Garg

**Name of Journal:** *World Journal of Stem Cells*

**ESPS Manuscript NO:** 16591

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated.

2 Revision has been made according to the suggestions of the reviewer:

### Comments of Reviewer 1

Thank you for your great manuscript. This manuscript is about Emerging role of microRNAs in cancer stem cells. I think it may be readable for readers.

### Comments of Reviewer 2

The manuscript entitled "Emerging role of microRNAs in cancer stem cells: Implications in cancer therapy" submitted for publication in WJSC is very interesting for reading not only for specialists working in this particular field but also for professionals working in various areas. Recently discovered microRNAs provided a unique opportunity to revise gene therapy approaches of cancer treatment. Small size and simple structure in combination with RNA safety make them an efficient tool to treat cell both inside the body and ex vivo. The manuscript is well written and I am pleased to recommend in for publication in its present form.

### Comments of Reviewer 3

The use of miRNA in cancer therapy is not new and it has been already proposed and used in several cases. Therefore it should be of interest to highlight the good results obtained, mainly in haematopoietic cancers. In addition, the authors should better describe how the cancer stem cells have been detected by authors in some type of cancers such as sarcomas (see Tirino et al) and head and Neck cancer (see Prince et al. and Desiderio et al. and Papagerakis et al.) and eradicate: how? new ideas? Moreover some new insights or for therapy are acknowledged.

### Answer to the comments of reviewer 3

Describing the methods for detection of cancer stem cells in various cancers is beyond the scope of this manuscript. However, the manuscript is designed in order to emphasize largely the strategies

for therapeutics that specifically target and kill CSCs to eliminate cancer using microRNA approach. Some recent therapeutic studies in various cancers utilizing new promising ideas for the eradication of cancer stem cells in various cancers are been added up in the manuscript as suggested by the reviewer. The modifications/ additions are shown in red colour in the original manuscript for your ready reference.

#### **Comments of Editor-in-Chief**

The text needs further editing to correct many minor mistakes, e.g., many misspelled words, many missing articles ("a", "the", etc.), use of singular/plural, etc. There are many mistakes throughout the entire text that impair quality and readability of the article. Some sentences need to be corrected for syntax. Some of the literature should be revised. There are a couple of places in the text, where a better and more accurate reference selection should have been used. E.g., page 6, sentence: " MiRNA-mRNA target recognition due to sequence complementarity of the lin-4 RNA... "- the original reference should be used and not a review. In addition, some more literature should be added, e.g., in the section where delivery and use of miRNA or miRNA inhibitors is discussed.

#### **Answer to the comments of Editor-in-chief**

Manuscript has been revised critically and corrected for grammatical errors. On page 6, original reference has been added for the sentence "MiRNA-miRNA target recognition due to sequence complementarity of the lin-4 RNA". Literature has been revised and added as suggested especially in the section where delivery and use of miRNA or miRNA inhibitors are discussed.

3 References and typesetting were corrected.

Thank you again for publishing our manuscript in the *World Journal of Stem Cells*.

Sincerely,

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