

March 27, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 8557-edited-review.doc).

Title: miRNome in myocardial infarction: future directions and perspective

Author: Emanuela Boštjančič, Damjan Glavač

Name of Journal: *World Journal of Cardiology*

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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

(1) The manuscript has been improved by adding 6 schemes and 2 tables.

(2) Table 1 lists the microRNAs determined in different species, their roles and functions. Table 2 is summarizing circulating miRNAs and their function as biomarkers.

(3) Two schemes summarizing therapeutic options of miRNAs in the heart have been added: Figure 5 is an overview of therapeutic options tested in a mouse model of MI and Figure 6 is an overview of therapeutic options tested in a rat model of MI.

(4) Three schemes have been added summarizing mechanisms of miRNAs regulating apoptosis (Figure 1), angiogenesis (Figure 2), and fibrosis (Figure 3).

(5) Another figure has been added – overlap of dysregulated miRNAs as the result of the microarray analyses in mouse model of MI, rat model of MI and human MI.

3 Typos, subject-verb agreement and sentence structure issues have been corrected by sending manuscript for editing to American Journal Experts. References were corrected.

Thank you again for publishing our manuscript in the *World Journal of Cardiology*

Sincerely yours,



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