

February 26, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: JL-World\_Cardiology\_Rv\_2014\_Revised\_DOI.doc).



**Title:** Alterations in cell adhesion proteins and cardiomyopathy

**Author:** Jifen Li

**Name of Journal:** *World Journal of Cardiology*

**ESPS Manuscript NO:** 8824-revised

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

1. Format has been updated including reference style, font size and style, and figures.
2. Revision has been made according to the suggestions of the reviewers.
  - (1) Added one diagram (Figure 1) and one original figure (Figure 2) to the manuscript.
  - (2) Added possible mechanisms of the adhesive junction gene mutations in cardiomyopathy with ventricular arrhythmia in both page 9 paragraph 3 and page 11 paragraph 3.
  - (3) Currently the data about clinical trials on adhesive junction gene mutations are not available. According to genetic analysis on various cardiomyopathies, the most common causes are genes encoding sarcomeric proteins. It recently has been found that 50% of arrhythmogenic cardiomyopathy is caused by genes encoding adhesive junctional proteins, including  $\alpha$ T-catenin, plakoglobin, desmoplakin, desmoglein, desmocollin, plakophilin.
  - (4) The typo "histological" has been changed to "histologically" in page 4 line 13.
  - (5) The full name of ANF has been added to page 8 line 18.
  - (6) The paragraph "role of the adherens junction-associated proteins in animal models of cardiomyopathy" has been revised accordingly.
3. References and typesetting were corrected

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

Sincerely yours,

*Jifen Li*

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