Author's response to reviews

Title: Sodium vanadate combined with L-ascorbic acid delays disease progression, enhances motor performance, and ameliorates muscle atrophy and weakness in mice with spinal muscular atrophy

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Version: 5 Date: 22 December 2012

Author's response to reviews: see over
Dear Dr. Lee,

Enclosed please find our revised manuscript (MS: 9610239758122127). We thank your constructive and insightful comments. In response to your concerns, we have made some additions in “Materials and Methods” section. We have revised the manuscript according to your suggestions, and our point-by-point responses to your comments are below.

We hope that you will find the manuscript suitable for publication in *BMC Medicine*. We look forward to hearing from you.

Sincerely,

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Our point-by-point replies to the reviewers are below.

Editors’ comments:

1. Please could you clarify how you acquired the source of your human samples, whether you received ethical approval, and from which review board you received this approval?

   We thank the editor for pointing out this omission and have included the description in the “Materials and Methods” section (page 8, line 4-10) in our revised manuscript. Detail description is as follow: A dermal biopsy obtained from a patient with type II SMA (39-year-old female with 3 copies of SMN2) was acquired from Department of Neurology, National Taiwan University Hospital, and primary human dermal fibroblasts (HDFs) were cultured following standard procedures [47]. The protocol for the human study was approved by the Research Ethics Committee of the National Taiwan University Hospital (NTUH-REC No.201011059RB).