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In this revision, Dr. Jung-Hwan Lee has been newly added as a coauthor. Dr. Jung-Hwan Lee conducted MSC differentiation-related experiments and gave advice on revising the current manuscript and reviewed the revised version of the manuscript. Thus, this author meets the criteria of the authorship.

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New acknowledgements:

DSY designed the study, performed the experiments, analyzed the data, and wrote the paper. K-ML, YC, EAK, N-HL, SC, KHP, and J-HL performed in vitro and in vivo experiments. HWK and JWL designed the study, interpreted the data, and revised the paper

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New Author Contributions statement (if applicable per the journal policy):

Dr. Jung-Hwan Lee conducted MSC differentiation-related experiments and gave advice on revising the current manuscript and reviewed the revised version of the manuscript.

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