

June 24, 2019

Re: World Journal of Stem Cells Manuscript NO: 46729

Dear Editors:

We were delighted to receive the comments from the review process at the "World Journal of Stem Cells".

Reviewer's comments to authors:

This review article describes about the effects of the environmental stressors on stem cells. This is a very important research studying that the heavy metals or endocrine disruptors affect the health such; for example, Cd has been proposed to induce lung damage in alveolar epithelial progenitors and lower bone strength on mesenchymal stem cells. Table 3 may be up-dated to include the detailed information of parameters.

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

We were much encouraged by the reviewer noting the importance of the research.

We thank the reviewer for the suggestion to update the table 3 to include the detailed information of the parameters. This information has now been indicated in the text from the tables, to comply with the reviewers wishes, while maintaining the size of the tables indicated by the author instructions. We have taken the opportunity to update the figures and tables to reflect recent research efforts completed since the initial submission. To this end, the text and the tables and the figures now include publications from "2014- June 2019", updated from the initial submission, "2014- February 2019".

We are happy the reviewer classified the review as "Very Good" and were grateful to take the opportunity to correct the minor language errors.

The following editorial changes address the comments made in the "edited manuscript" file:

Decomposable figures have been submitted in a PPT file.

Manuscript was prepared using 12 pt Book Antiqua and 1.5 line spacing.

Manuscript has been revised and completed using the very helpful per reviewer's comments.

All of the comments have been answered carefully.

The grant application form(s) or certificate of funding agency for every grant, has been provided.

Required statement of open access has been included as instructed.

References have been checked to confirm there are no repeats, and PMIDS and DOIs are provided.

All figures, tables and legends have been put at the end of the paper. The figures are also uploaded as an Image File as instructed.

All changes are visible as "tracked changes" in the edited manuscript file. We hope the editors are as excited by our submission as we are, and we look forward to hearing their decision. We are of course happy to help if any further changes are necessary to conclude the process.

Yours sincerely,



Graham C. Parker, Ph.D.

iBio -Rm 2128, 6135 Woodward Ave, Detroit, MI 48202

Editor-in-Chief, [Stem Cells and Development](#)

Executive Editor, [Nucleic Acid Therapeutics](#)