Author’s response to reviews

Title: Bone turnover in passive smoking female rat: relationships to change in bone mineral density

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Author’s response to reviews: see over
Re: MS: 2093265985500273  “Bone turnover in passive smoking female rat: relationships to change in bone mineral density” submitted to BMC Musculoskeletal Disorders

Dear Dr. Robert Layfield:

We are glad to resubmit you our revised manuscript after a minor revision according to associate editor and referee #3. All changes made are highlighted in blue background of the revised text. For a more convenient review to you and the reviewers, I would like to upload our response in another file separately, as we upload the revised manuscript.

If you have any other concern regarding to our revised manuscript, please feel free to contact me. At the same time, we would like to appreciation you and the nice reviewers who had given us professional comments to improve our manuscript.

Best wishes.

Sincerely yours,

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**Associate Editor's comments:** Ask that the final minor revision is made: The text "Brzóska et al. [45] and Galazyn-Sidorczuk et al. [46] reported that chronic exposure to cadmium (Cd) or lead (Pb) through cigarette smoking had an injurious effect on the skeleton" (page 13, lines 292-295) needs revision. The two papers do not refer to the impact of chronic exposure to cadmium and lead through cigarette smoking on the skeleton.

**Answer:** The sentence has been revised as “Brzóska et al. [45,46] indicated that low exposure to cadmium (Cd) may affect the mineralization and biomechanical properties of growing bone, thus increasing the risk of fractures.” (line 291-293, ref 45).

**Response to Reviewer #3 (Malgorzata Brzoska):** The manuscript ‘Bone turnover in passive smoking female rat: relationships to change in bone mineral density’ by Gao S. et al. has been improved markedly compared to its previous version and now is acceptable for publication in BMC Musculoskeletal Disorders. However, the text “Brzóska et al. [45] and Galazyn-Sidorczuk et al. [46] reported that chronic exposure to cadmium (Cd) or lead (Pb) through cigarette smoking had an injurious effect on the skeleton” (page 13, lines 292-295) needs revision. The two papers do not refer to the impact of chronic exposure to cadmium and lead through cigarette smoking on the skeleton.

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