

## Response letter

1. Comment: "world health organisation" should be in capital letters.

Response: suggested correction was done in page no. 4.

2. Comment: NO (nitric oxide) is not the neuropeptide but a simple inorganic molecule.

Response: suggested correction was done in page no. 7 & 9.

3. Comment: It would be convenient for the reader to include the figure presenting molecular mechanisms of action of bisphosphonates

Response: Figure depicting molecular mechanisms of bisphosphonates (figure 2) was added.

4. The section focused on anti-resorptive therapies is a little bit non-coherent. In the subsection about BPs, molecular mechanism of action is mainly described whereas in the part focused on calcitonin and denosumab the results of clinical studies are mainly presented.

Response: Molecular mechanism of action of calcitonin and denosumab were added in page no. 11& 12.

5. Comment: Technical mistakes (like: microtrauma), spellings should be corrected through the article.

Response: Spelling mistakes were rectified in page no. 6, 7 & 18.