

TEACHERS COLLEGE, COLUMBIA UNIVERSITY
Department of Health and Behavior Studies

September 6, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: ESPS Manuscript NO: 12853).

Title: Vitamin D and Bone Fracture Healing

Author: Ray Marks

Name of Journal: *World Journal of Pharmacology*

ESPS Manuscript NO: 12853

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated according to all editorial comments.

2 Revision has been made according to the suggestions of the reviewers

Revisions are highlighted and include:

1. Elaborated on use of term vitamin D and its inconsistency, and adoption of authors' terminology as applied or written in their research and discussed this at outset given confusion in arriving at a standard to distinguish between D and D3 in vitamin D and its metabolites.
2. Made reference to basic biochemistry and physiology of vitamin D, and fracture healing processes in context of vitamin D.
3. Mentioned that vitamin D signaling affects bone fracture healing, possibly via VDR target genes.
4. Summarized human studies in a table.
5. Alluded to (1) vitamin D deficiency or insufficiency delaying bone fracture healing, and (2) Delayed healing causing vitamin D deficiency or insufficiency in several areas.

3 References and typesetting corrected.

Sincerely yours,

Dr. Ray Marks
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