SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	**Ms_IJBCRR_28595**
Title of the Manuscript:	**Effect of 25-hydroxy Vitamin D and Hemodialysis on Vitamin D Axis in Sudanese Renal Failure Patients**
Type of the Article	**Short Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

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PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments	1. The dose and duration of vitamin D treatment in HD patient should be included; also healthy control subject take vitamin D?, the fact should be also included. Do HD patient received 1,25OHD? 2. HD patients and control's age (Mean±SD), BMI, Bum/Cr… should be included **3.** 25OHD has long half-life and should not change by HD. It is possible vitamin D binding protein removed by HD: Youselzadeh et al Vitamin D Binding Protein Impact on 25-Hydroxyvitamin D Levels under Different Physiologic and Pathologic Conditions. Int J Endocrinol, vol. 2014; 2014. doi:10.1155/2014/981581. PD lower vitamin D binding protein!	
Minor REVISION comments	1. In introduction, you do not have to include how PD done. 2. PTH levels usually higher in ESRD patients (secondary hyperparathyroidism). 3. Data should present as Mean ± SD or SE. 4. The calcium concentration in your dialysis bath should be included in you methods, HD duration in this study 3 or 4 hours? 5. Liver and thyroid function normal in patients and control subjects?	

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Optional/General comments	The authors of Effect of 25-hydroxy Vitamin D and Hemodialysis on Vitamin D Axis in Sudanese Renal Failure Patients found that HD lower total 25OHD by 35%! What are the mechanisms?	

Reviewer Details:

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