



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_29218
Title of the Manuscript:	SERUM PROLACTIN LEVEL AND INFLAMMATION IN CHRONIC KIDNEY DISEASE
Type of the Article	Original 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)
<u>Compulsory</u> REVISION comments	-Multivariate or logistic regression are suggested for statistical determination of interaction terms between the variables. In addition to Mixed effect linear modelling. Correlation analysis is really limited and not statistically robust. -A description of the optimal medical therapy that the patients were on would be helpful if they weren't on anti-inflammatories, Ace inhibitors, ARBs or diabetics (a majority of your patients were stage 4 or higher! What treatment were they receiving?) Please clarify the ethical issue: Patients with ESRD or advanced CKD were not prescribed Optimal medical therapy for CKD.	Statistics part has been revisited. CKD (ESRD) patients are not given ACEI and ARBs because it will worsen the renal function
<u>Minor</u> REVISION comments	-Line 8: Add "individuals" after "predisposes" -Line 15 Delete: "Is any association amongst each other" replace with "are significant interactions between these variables" -Line 16: please list percent males for each category -Line 19: It is recommended to display eGFR using the CKD-EPI equation (which is becoming increasingly standard) -line 22: it is recommended that the percent increases are listed in TNF and Prolactin levels (as the data are presented now it is unclear what the magnitude of the increase was versus controls) -line 32: in place of "one of the" use "a global health problem"	Required corrections made. Though CD –EPI formula is gaining more relevance these days MDRD formula is also scientifically sound in research field.



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	-A thorough and detailed revision of the paper by a native English speaker is warranted. -More descriptive statistics about the baseline parameters are warranted -in the materials and methods it would be prudent to list the chemical predisposition of the blood collection tubes (eg. EDTA-lavender, yellow serum separator) -Line 132: Don't need the graphs of the details of table 2, the data are given in table 2 -Throughout: pick graphs or tables not both. -I don't understand figure 8 -for table 5 what is the p-value representing. Surely this is not a t-test.	
Optional/General comments		