



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_39263
Title of the Manuscript:	GENE EXPRESSIONS AND POLYMORPHISMS OF NOVEL BIOMARKERS IN DIABETIC NEPHROPATHY
Type of the Article	Original Research Article

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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:

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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	Several grammatical errors were found Ethical issues: Approval of Ethics Committee for this study is not mentioned	Errors corrected Study protocol is approved by Institutional Ethics Committee.
Minor REVISION comments	The authors have tested very small number of patients, there is no mention if the blood samples were drawn before dialysis or upon diagnosis before the start of dialysis. Very important to know before any conclusion. Authors state that CT of renal biomarkers and biochemical renal paramaters do not show any concrete relationship (table3) Genetic parameters selected; were selected on what basis ? All previous studies on same parameters have shown similar results, <i>"As per the study done by Inna Sinuai, et al., and Yadav KS, et al., (9,10) suggested that IL-10 gene expression and IL-10 induced signalling pathways have an important role in the regulation and maintance of normal renal function. In this study we have noted similar findings showing expression of IL-10 gene in the study group shows increased level of circulating IL-10 due to hyperglycaemic conditions."</i> There is no novel finding in this study. <i>"Data analysis of gene expressions and lipid (table 4) in study population showed significance for all three genetic parameters but non-significant to lipids except LDL & HDL"- PLEASE EXPLAIN ??</i> All observations were reported earlier by various workers, similar results were observed by these authors. The authors also agree that -<i>"All poltmorphic results are not enough to reach any concrete conclusion and further analysis in more number of samples is recomonded. (Figure 2-3)"</i> <i>"Other parameters (GFR, micro albumin& urine albumin) have important role in screening of renal dysfunction. Though they play important role in diagnosis, reversion of renal dysfunction even at early stage is impossible. FBS, PPBS & HbA1c these three are very important parameters as far as progression of renal disease is concerned."</i> More research in these areas will be very useful ! Too many spelling mistakes ! As diabetic nephropathy is a non-reversible condition, further work is needed to examine more prognostic parameters to prevent or halt the disease progression.	We have taken patients who are not ESRD, there is no question of dialysis. Aim of this study is to find gene expressions and polymorphisms in controlled T2DN where kidney function is normal except mild microalbuminuria. Genetic parameters selected on the basis of literature survey. Modified to," <i>As per the study done by Inna Sinuai, et al., and Yadav KS, et al., (9,10) suggested that IL-10 gene expression have an important role in the regulation and maintance of normal renal function. In this study we have noted similar findings showing expression of IL-10 gene in the study group shows increased level of circulating IL-10 due to hyperglycaemic conditions.</i> " <i>Three genetic parameters and LDL & HDL p. values are given in table 4 which indicates signifnigance.</i> <i>Not exactly, this is mentioned in manuscript.</i> <i>This study is performed on 241 samples and this is related to expressions and polymorphisms. If we want to make any concrete statement we need more number of samples, it doesn't mean that conclusion drawn here is futile. It concluded with some findings nut numbers is limitation which is future prospective.</i> <i>GFR, micro albumin & urine albumin are the screening parameters in selections of subjects. There is no repair mechanism of kidney dysfunction and to avoid further complications we do genetic study to intervene with therapeutic and life style management but that is not part of this study.</i> Mistakes corrected.
Optional/General comments		