



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2014_IJBcRR_10138
Title of the Manuscript:	Oxidative DNA damage in gestational diabetes mellitus: Correlation with antioxidants in an Iraqi cohort

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
1. In abstract section, which parameters were measured should be mentioned. And the portion "Suitable candidates were invited to participate in the study and were given details about the study plan and aims. Participants were asked to fill and sign the consent form before they can be included in the study" is not required here. So, delete this portion. 2. In the discussion section (line no. 171) there is a repetition: "reduced" and "reduction". So, one of the repeat words should be deleted. Otherwise the paper is okay for acceptance.	We thank the evaluator for his/her comments All the significant data were added into the abstract as follow: "Serum 8-Hydroxy-2-Deoxyguanosine was significantly ($P < .001$) greater in the gestational diabetes mellitus group compared to control group (57.2 ± 17.6 ng/dl versus 19.8 ± 7.8 ng/dl respectively). The increase in 8-Hydroxy-2-Deoxyguanosine was associated with a significant ($P < .001$) elevation in serum malondialdehyde level (2.1 ± 0.8 nmol/ml versus 1 ± 0.4 nmol/ml) and a significant ($P = .05$) reduction in plasma reduced glutathione in the gestational diabetes mellitus group compared to the control group (20.6 ± 5 mg/dl compared to 24.1 ± 4.4 mg/dl). A significant change in total cholesterol (5.4 ± 1.1 mmol/L) and low density lipoprotein cholesterol (3.3 ± 0.9 mmol/L) were also noted in gestational diabetes mellitus group compared to the control group (4.7 ± 1.3 mmol/L and 2.8 ± 1 mmol/L respectively) at $P = .05$." This section has been deleted from the abstract as suggested by the evaluator. I have deleted the second repeat word, the current paragraph should reads: "In addition, the GDM group showed a reduction in the plasma concentration of GSH in comparison with the healthy pregnant mothers (Table 3). This is in accordance with the findings from other studies".