



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2014_IJBcRR_11718
Title of the Manuscript:	Age-Dependent Effect of Cyclic Feeding Regimen on The Level of Serum Apolipoproteins in Young and Old Rats

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
Major Comments: In Figure 2 (a), 3 (a), and 4 (a), the gel images are not presenting the findings according to the standard gel sampling and documentation due to the following reasons; 1) There is no negative control in these gel images, which is a pre-requisite for a standard gel running, sampling and result documentation. 2) If the authors are analysing the samples in duplicate, the same pattern should be followed throughout the ensuing trials; but in figure 4a, the same pattern is not followed (Fig.4 (a), young IF2 (triplicate), but in old IF2 (single), R1 young (Duplicate), R1 old (triplicate) and AL young (single), AL old (duplicate). The same pattern is followed in Figure 3 (a); R2 young (1,2) no band. THIS IS A SERIOUS ISSUE AND PRODUCE A NEGATIVE IMPACT ON THE VALIDATION OF THE STUDY AND REPUTE OF THE INSTITUTE AND JOURNAL. 3) In fig. 2 (a) and 3 (a), the gel shows multiple bands, which also raise the question on the validity of the results. Are these bands showing multiple protein images, protein dimers or contaminated gel products? PLEASE EXPLAIN THIS. Minor Comments: There are throughout grammatical errors in the text of the manuscript. Although, these are the minors, but it affects a lot when the article is cited by the researches and scientists of the developed nations. Please remove these errors. Line 20,319: "et al" should be in italic. "it" should be "It". Line 21: " century should be "a century". Split indefinite "The" is always missed by the authors in their manuscript. It should be written where appropriate like in Line 23, "free radical theory" should be "the free radical theory"; Line 42, comparison should be "the comparison"; Line 48, strong influence should be "the strong influence"; Line 146, 172,227,301 , relative to control group"should be "relative to the control group". Line 26: "in" should be "on". Line 48: "Provide" should be "provides". Line 56: "Effects" should be "effect". Line 78: "month" should be "months". Line 102: "EOS 300D digital camera" should be "an "EOS 300D digital camera". Line 152,188: "sharp increase" should be "a sharp increase". Line 168,223,296: "Presented values" should be "values presented".	1) Unfortunately, we cannot present the gels with negative controls. The protein identification was performed using reference SDS-PAGE obtained under similar conditions available in the literature. 2) We conducted 4 experiments with young rats and 4 experiments with old ones where there were 3 animals in each experimental group, but finally we had the data from approximately 10 animal in total because of certain level of rat mortality. So we were not able to follow the same pattern throughout the trials. 3) There could be contamination with some minor proteins around the molecular weights of the proteins studied. In Fig. 2 (a) we used for calculation only the major band. As for Fig. 3 (a), we scanned only the upper band (MW ~ 512 kDa). 4) All errors were corrected. Thank you for careful consideration of our manuscript.



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Line 213: “significant increase” should be “a significant decrease”. Line 232: “lead” should be “leads”. Line 235: “ noticeable decrease” should be “a noticeable decrease” Line 239: “endoplasmic reticulum” should be “the endoplasmic reticulum”. Line 243: “play” should be “plays”. Line 258: “Quantity should be “quantities”. Line 272: “beneficial effects” should be “ the beneficial effects”. Line 278: “high” should be “highly”. Line 282: “in serum” should be “in the serum”. Line 287: please write the sentence as” the second cycle, we failed to detect any significant changes”. Line 295: “assessed” not “ssessed”. Line 307,308: “liver” should be “the liver”. Line 310: “inability” should be “the inability.” Line 313,349: pronounced rise should be “a pronounced rise”. Line 324: trivial decrease should be “a trivial decrease”. Line 331: second cycle should be “the second cycle.” Line 344: gradual decrease should be “a gradual decrease”. Line 359: low apoB100 should be “the low apoB100”. Line 361: cycle should be “the cycle”.	
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