



SDI Review Form 1.6

Journal Name:	<u>International Journal of Biochemistry Research & Review</u>
Manuscript Number:	Ms_IJBCRR_32764
Title of the Manuscript:	Plasma biotinidase as a predictor for hepatic synthetic function impairment
Type of the 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	In the article "Plasma biotinidase as a predictor for hepatic synthetic function impairment", the authors describe the value of biotinidase. They state that biotinidase could be a marker for identifying cirrhosis. Some major remarks should however be given. THE STYLE AND GRAMMAR ARE FAR FROM BEING OPTIMAL AND NEED TO IMPROVED!! The authors may wish to explain, if the number of enrolled patients has initially been based on a sufficient power analysis. In the group of cirrhosis the authors include also Child B and C (decompensated) patients, where it is clinical easy to establish the diagnosis of cirrhosis (no fancy testing is necessary). It would also have been interesting to see the behaviour of biotinidase along the different degrees of fibrosis (eg as measured by the METAVIR score or the Knodell score). Modern serum fibrosis markers make an effort to distinguish early degree of fibrosis (eg F0 F1) from advanced degree of fibrosis (eg F3 F4); this has not been demonstrated by the authors. The overlap of the biotinidase levels between compensated cirrhosis and control group (table 3) is so big, that one can ask, if this is of clinical use? (Only in patients with decompensated cirrhosis some difference can be observed; again this is of very moderate clinical interest). What are the units for X axis and Y axis in Fig. 1, 2, 3, 4, respectively? The overall writing of the paper needs substantial work. There are many awkwardly worded sentences, which greatly reduce the quality and understanding. A thorough revision of the manuscript is absolutely necessary. A more modern clinical approach is absolutely necessary.	THE STYLE AND GRAMMAR has been corrected as much as i can as i am not native English speaker. This is a preliminary study , a larger scale studies are recommended to confirm the findings of the present study and to evaluate plasma biotinidase in various chronic liver diseases and correlate its level with the clinical staging of cirrhotic patients, using molecular and genetic analysis. The unit of assay has been mentioned in tables and added in each figure legend. All these recommendations that you advice will be put in mind in further studies and really I am very thankful for your scientific recommendations
Minor REVISION comments		
Optional/General comments		