



SDI Review Form 1.6

Journal Name:	Asian Journal of Biochemistry, Genetics and Molecular Biology
Manuscript Number:	Ms_AJBGMB_46337
Title of the Manuscript:	CLINICAL DIAGNOSIS of DISEASE STATES USING ENZYMES AND PROTEINS (REVIEW)
Type of the Article	Review Paper

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>)



SDI Review Form 1.6

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	<p>The beauty of a review work is the ability to discuss briefly but extensively. The authors only mentioned few diseases (hepato-biliary diseases, myocardial infarction, malignant diseases and muscular diseases) that could be diagnosed using enzymes and proteins. However, there are so many other diseases and disorders that could be diagnosed using enzymes and proteins worthy of mentioning.</p> <p>Therefore the authors should endeavour to include other disorders and diseases like intracerebral hemorrhage (1), gaucher's disease (2), schizophrenia (3), bone diseases, autoimmune disorders, inflammatory disorders (4-8), dental disorders (9), renal disorders (10), skin disorders (11), etc, and briefly discuss the enzymes used for their diagnosis.</p> <p>References</p> <ol style="list-style-type: none"> 1. Kim H C, Kang D R, Nam C M, Hur N W, Shim J S, Jee S H & Suh I, Elevated serum aminotransferase level as a predictor of intracerebral hemorrhage, Korea medical insurance corporation study. <i>Stroke</i>, 36 (2005) 1642 2. Robinson D B & Glew R H, Acid phosphatase in Gaucher's disease, <i>Clin Chem</i>, 26 (1980) 371. 3. Mabrouk H, Mechria H, Mechri A, Rahali H, Douki W, Gaha L & Fadhel Najjar M, Butyrylcholinesterase activity in schizophrenic patients, <i>Ann Biol Clin (Paris)</i>, 69 (2011) 647. 4. Corathers S D, The alkaline phosphatase level: nuances of a familiar test, <i>Pediatr Rev</i>, 27 (2006) 382. 5. Sohar N, Hammer H & Sohar I, Lysosomal peptidases and glycosidases in rheumatoid arthritis, <i>Biol Chem</i>, 383 (2002)865. 6. Norga K, Grillet B, Masure S, Paemen L & Opdenakker G, Human gelatinase B, a marker enzyme in rheumatoid arthritis, is inhibited by D-penicillamine: anti-rheumatic activity by protease inhibition, <i>Clin Rheumatol</i>, 15 (1996) 31 7. Torsteinsdottir I, Hakansson L, Hallgren R, Gudbjornsson, Arvidson N G & Venge P, Serum lysozyme: a potential marker of monocyte/macrophage activity in rheumatoid arthritis, <i>Rheumatology</i>, 38 (1999) 1249. 8. Kumar D A, Ganesan G, Raju K V S N, Gangadharan A C, Manohar B M & Puvanakrishnan R, Standardization of a model for collagen induced arthritis in rats, <i>Biomedicine</i>, 29 (2009) 109. 9. Kamma J J, Nakou M & Persson R G, Association of early onset periodontitis microbiota with aspartate aminotransferase activity in gingival crevicular fluid, <i>J Clin Periodontol</i>, 28 (2001) 1096. 10. Gatsing D, Garba I B & Adoga G I, The use of lysosomal enzymuria in the early detection and monitoring of the progression of diabetic nephropathy, <i>Indian J Clin Biochem</i>, 21 (2006) 42. 11. Higaki S & Morahashi M, <i>Propionibacterium acnes</i> lipase in seborrheic dermatitis and other skin diseases and Unsei-in, <i>Drugs Exp Clin Res</i>, 29 (2003) 157. 	



SDI Review Form 1.6

Minor REVISION comments		
Optional/General comments	This manuscript about the clinical diagnosis of disease states using enzymes and proteins is a well designed review. However, the article is not rich enough, as there are so many enzymes and proteins used for disease diagnosis that were not mentioned by the authors.	

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes. Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Abulude Olatunji Ayodejis
Department, University & Country	Nigeria Police Academy, Nigeria