



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2014_IJBcRR_11870
Title of the Manuscript:	Arginase as a new cardiac marker for diagnosis of coronary artery disease
Type of the Article	Original Research 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 <i>(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)</i>
<u>Compulsory</u> REVISION comments	1. There is nothing new in this article. Early in 1970s, there were some reports which confirmed that serum arginase activity can be used in the diagnosis of acute myocardial infarction (AMI). (Kedra M, Porembaska Z. Pol Tyg Lek. 1970 Jul 20;25(29):1098-100. Porembaska Z, Kedra M. Clin Chim Acta. 1975 May 1;60(3):355-61. Dosiak J. Pol Tyg Lek. 1976 Jan 26;31(4):153-6.) 2. In 2011, a paper titled as Arginase type I as a marker of coronary heart disease in hemodialysis patients was published. (Eleftheriadis T, Liakopoulos V, Antoniadis G, Stefanidis I, Galaktidou G. Int Urol Nephrol. 2011 Dec;43(4):1187-94.) 3. Some old markers such as aspartate transaminases (AST) and creatine kinase (CK-MB) are not golden criteria for diagnosis of AMI. The authors should measure cardiac troponin or other more sensitive and specific markers for ACS patients.	1. As present study includes enzymatic parameters, we have not done troponin; we have mentioned this in the limitations of the study.
<u>Minor</u> REVISION comments	The number of cases is relatively small.	
<u>Optional/General</u> comments		