



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_34643
Title of the Manuscript:	THE PHOSPHOCREATINE-ATP ENERGY SHUTTLE AND MUSCLE ACTION: MISCONCEPTIONS, OVERSIGHTS AND INSIGHTS
Type of the Article	Opinion 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.

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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)
<u>Compulsory</u> REVISION comments	The title and sub-titles are quite exciting and attractive; the text is not as good as these titles. This paper is lacking a profound analysis of the literature (e.g. page 8 : 0 reference). The authors should make a real and critical analysis of the literature (including their own work and reflexions).	This is a focused opinion article and not a general review. An exhaustive review of the literature is not feasible. The main thermodynamic issue addressed concerns the difference between Gibbs free energy and enthalpy, which is indeed critical in the case of the PC-ATP shuttle, as discussed at length. The discussion on p 8 is essentially the author's proposal on the mechanism of transduction, hence the paucity of references.
<u>Minor</u> REVISION comments	Sometimes a bit difficult to read	Additional discussion has now been added to clarify various points! And a few more references.
<u>Optional/General</u> comments		