



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2013_IJBcRR_8617
Title of the Manuscript:	Mini-review: Respiratory and pH imbalance at the early precancerous stage
Type of the Article	Mini-review

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)
<u>Compulsory</u> REVISION comments	Although opinions are rational in some aspects, major revision is still needed to implement before the publication. 1. In this review, authors was sought to present some evidence to support the hypothesis that RpHI was a cause of long standing hypoxia within the organism, and was speculated as the initiating factor for carcinogenesis. Therefore, it is better to give a clear definition of RpHI at the beginning of introduction instead of explain it after redundant foreshadowing. 2. Although RpHI might exist during cancer progression, the author did not provide potent evidence to demonstrate the existence of RpHI at the early precancerous stage. Just as describe in page 6, the RpHI cannot be easily	



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	measured, which makes it difficult to identify the time course when the RpHI occurred. 3. According previous studies, tumor hypoxia induces intracellular pH decrease as a result of lactate acid accumulation. Thus, the author cannot rule out the possibility that RpHI is the consequence of hypoxia but not cause of it.	
<u>Minor</u> REVISION comments	More data and discussion are required for drawing the conclusion that the RpHI hypothesis is concordant with Macovschi's statement.	
<u>Optional/General</u> comments		

Note: Anonymous Reviewer