



**SDI Review Form 1.6**

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|--------------------------|-------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">American Chemical Science Journal</a>                                   |
| Manuscript Number:       | 2014_ACSj_15350                                                                     |
| Title of the Manuscript: | Relation between injection and transfer of CO <sub>2</sub> and the pH of the medium |
| 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**

|                                            | <b>Reviewer's comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Author's comment</b> (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) |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory</u></b> REVISION comments |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      |
| <b><u>Minor</u></b> REVISION comments      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                      |
| <b><u>Optional/General</u></b> comments    | Algae have been considered the major source for the future energy requirements in the society and the research on the chemical properties of the algae has been considered important. In this respect, this manuscript deals with Relation between injection and transfer of CO <sub>2</sub> and the pH of the medium relating to the algae. It validates the equation proposed for the transfer of CO <sub>2</sub> during the supply of this gas in the liquid medium in a carbon dioxide biofixation process in an open raceway type bioreactor, provided with a carbon dioxide injection system. |                                                                                                                                                                                      |

**Reviewer Details:**

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|----------------------------------|--------------------------------------------|
| Name:                            | <b>Ozcan Konur</b>                         |
| Department, University & Country | <b>Yildirim Beyazit University, Turkey</b> |