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| Book Name: | [**Science and Technology: Developments and Applications**](https://www.bookpi.org/bookstore/product/science-and-technology-developments-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5237** |
| Title of the Manuscript: | **Bio Hydrogen Production from Pharmaceutical Waste Water Treatment by a Suspended Growth Reactor Using Environmental Anaerobic Technology** |
| Type of the Article | **Book chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**American Chemical Science Journal, 3(2): 80-97, 2013.**

**Available:** [**https://journalcsij.com/index.php/CSIJ/article/view/557**](https://journalcsij.com/index.php/CSIJ/article/view/557)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | The author has addressed a topic of great scientific importance, this article falls within the field of sustainable development, and its three pillars: economic, environmental and social. Effluents from pharmaceutical industries must be treated before their final release into the environment (water, air and soil). The author has selected the method of treatment of these toxic effluents, it is anaerobic digestion and during the degradation of the toxic effluent we can produce hydrogen by a complex mechanism. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, the title is suitable. |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract of the article is comprehensive and clair, the author used two types of substrates, the first synthetic and the second a real effluent from the pharmaceutical industry, several advanced and innovative methods for monitoring anaerobic digestion of these types of wastewater, and this to confirm the feasibility of producing hydrogen during anaerobic digestion |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, the manuscript is correct |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | yes, the references are sufficient and recent. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, the language English of the article is suitable for scholarly communication. |  |
| Optional/General comments | To enrich the document, it is desirable to show the different chemical reactions encountered during anaerobic digestion. |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?** |  |  |

**Reviewer details:**

**Nedjah Nawel, Algeria**