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| Book Name: | [**Chemistry and Biochemistry: Research Progress**](https://www.bookpi.org/bookstore/product/chemistry-and-biochemistry-research-progress-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4214** |
| Title of the Manuscript: | **Biodegradable Gelatin Films for Environmental Remediation** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment | 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.** | **Gelatin is considered a promising adsorbent due to its abundant surface of active groups, water solubility, non-toxicity, and biodegradability. So, it can be used in wastewater treatment and environmentally-friendly films and biomaterials.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **From my perspective, the title is not correct. I can recommend the following title for the manuscript:**  **“Application of solvent-casted gelatin films for environmental remediation and wastewater treatment purposes”** |  |
| 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. | **Yes.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The analyses should be done in triplicates.**  **More details are required in the section “Materials and Methods”.**  **The results of your study should be compared with the findings of previous studies in the discussions.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **No. Numerous references can enhance the overall quality of the script. I recommend the following articles to be cited and used in your manuscript:**   1. [**https://doi.org/10.1016/j.ijbiomac.2021.09.024**](https://doi.org/10.1016/j.ijbiomac.2021.09.024) 2. [**https://doi.org/10.1080/10408398.2024.2361298**](https://doi.org/10.1080/10408398.2024.2361298) 3. [**https://doi.org/10.1007/s10904-020-01777-2**](https://doi.org/10.1007/s10904-020-01777-2) 4. [**https://doi.org/10.1007/s11694-024-02854-7**](https://doi.org/10.1007/s11694-024-02854-7) 5. [**https://doi.org/10.3389/fbioe.2024.1397668**](https://doi.org/10.3389/fbioe.2024.1397668) 6. [**https://doi.org/10.1007/s10311-021-01184-0**](https://doi.org/10.1007/s10311-021-01184-0) |  |
| Is the language/English quality of the article suitable for scholarly communications? | There are some grammatical and typographical issues in the manuscript. The text should be revised by a native English speaker. |  |
| Optional/General comments | Using recently-published articles in your article (and comparison of their findings with your results) can have a dramatic impact on the quality of the script. Thus, please use some data from new articles in your manuscript. |  |

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| **PART 2:** | | |
|  | **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** | |
| Name: | **Sina Ardebilchi Marand** |
| Department, University & Country | **Urmia University, Iran** |