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| Book Name: | [**Microbiology and Biotechnology Research: An Overview**](https://www.bookpi.org/bookstore/product/microbiology-and-biotechnology-research-an-overview-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5787** |
| Title of the Manuscript:  | **A guide for Selecting the Right Biological Safety Cabinet (BCS) for Laboratory Use** |
| Type of the Article | **Book Chapter** |

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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.** | **This manuscript is important for the scientific community because a lot of research is done in the laboratory and also involves chemicals. This spans from environmental, medical, and other academic research work. So, knowing how to make good choices regarding safety from hazardous substances that humans may get exposed to during their research is vital, as that will help protect humans from exposures that may become lethal or even cancerous in the future.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Well, I suggest a little edit to****A Guide to Selecting the Right Biological Safety Cabinets (BSCs) for Laboratory Use**  |  |
| 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. | **I suggest a little adjustment, especially borrowing sentences from the CONCLUSION part of the article. It can be as follows;**This article provides a structured approach to Biological Safety Cabinets (BSCs) selection by evaluating cabinet classes, types, airflow patterns, containment capabilities, and application-specific requirements. BSCs provide a controlled environment to protect personnel and the laboratory setting from exposure to pathogens, ensuring a safe working space. By aligning cabinet choice with biosafety level, work type, and regulatory standards, laboratories can minimize contamination risks and optimize safety outcomes. There are several types of BSCs, each differentiated by the level of biocontainment they provide to meet the requirements of specific biosafety levels. This article further explores various classes of biological safety cabinets, which are already well-known, their unique features, and their applications in different laboratory settings. Furthermore, the paper underscores the need for informed equipment selection to ensure laboratory safety and compliance with institutional and international biosafety guidelines.  |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Yes, the manuscript is scientifically correct.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Well, the majority of the references were recent, aside from some in the 2000s, 1999s, etc. I will suggest that it's better they stick to references within the past 10 years (2015-2025), to make it have more recent views on the manuscript topic. Unless they are obtained from theories or models that cannot change, I suggest replacing them with more recent citations.**  |  |
| Is the language/English quality of the article suitable for scholarly communications? | Well, there were some grammatical errors picked up by my Grammarly software. I have also effected all corrections in the document I am sending back to you. I also suggest the writer install Grammarly or any grammar check software and effect all highlighted words.  |  |
| Optional/General comments | I think the writer did a good job in this article overall. I commend them. They just need to make these few corrections suggested, and they are good to go.  |  |

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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?**  | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Ogbonda Priscilia Nyekpunwo, Nigeria**