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| Journal Name: | [**Asian Journal of Biology**](https://journalajob.com/index.php/AJOB) |
| Manuscript Number: | **Ms\_AJOB\_133948** |
| Title of the Manuscript: | **Impact of Inhaled Carbon Soot Particulate Matter (PM10) on Brain Histology using Wistar Rats** |
| Type of the Article |  |

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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 topic provides experimented scientific evidence of the dangers of soot particulate matter to living organisms. It ignites concerns about environmental protection and adequate management, regulating human activities that harm the environment and atmosphere.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title is very 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 is okay. Nevertheless, the boldened words; Background, methods, results and conclusion should be removed. Let each part flow automatically in the write-up.** |  |
| Is the manuscript scientifically, correct? Please write here. | It is scientifically well explained. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are sufficient and mostly recent. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The English quality is highly adequate. |  |
| Optional/General comments | **Plates (pictures) showing the housing of the animals, the labelled 23 rats, etc would have eased the comprehension of your explanations.**  **For Table 1, you could write underneath it; Source: Author (2025)** |  |

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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:**

**Isah Abdullahi Tanko, Federal University of Technology, Nigeria**