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| Book Name: | [**Medical Science: Recent Advances and Applications**](https://bookstore.bookpi.org/product/medical-science-recent-advances-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5451** |
| Title of the Manuscript:  | **RECENT ADVANCES IN FORENSIC TOXICOLOGY** |
| 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.** | Advances in forensic toxicology—such as HRMS, LC-MS/MS, and DBS analysis—have significantly improved the detection and interpretation of toxic substances. The incorporation of metabolomics, toxicogenomics, and histopathology allows for more precise identification of cause and manner of death. How can the integration of emerging omics technologies with advanced analytical tools reshape the future of forensic toxicology in differentiating between therapeutic use, overdose, and poisoning? |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | The title is accurate, but it doesn't clearly convey the content, which can be an issue for readers with limited time to grasp the main focus. |  |
| 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 comprehensive, but it could be more concise to quickly convey the key points to time-constrained readers. |  |
| **Is the manuscript scientifically, correct? Please write here.**  | Yes. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | Y**es** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Y**es** |  |
| Optional/General comments |  |  |

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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:**

**Tanima Debnath Sarkar, Annamalai University, India**