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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\_4520** |
| Title of the Manuscript: | **A resilient point-of-care fluorescent SCDs-MPs probe for insight recognition of a neurotransmitter in human fluid samples and its cytotoxicity investigation** |
| 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.** | **The manuscript is important to the scientific community in that it presents a novel sensing platform for detecting dopamine. It also reports the development of a fluorescent probe, SCDs-MPs (silane- functionalized carbon dots with molecularly imprinted polymer), for dopamine (DA) detection. The manuscript describes the application of chemistry and biochemistry approach for the recognition of neurotransmitter in human fluid samples.** | | |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, the title of the article is suitable enough.** | | |  |
| **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, the abstract of the article comprehensive and reflects the framework of the entire report.** | | |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientifically correct. The explanation, mathematical expression and the Figures correctly explained the concept and idea of the manuscript.** | | |  |
| **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 recent.** | | |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | The English quality of the article is suitable for scholarly communication. The language is presentable and clearly presents the idea of the title. | | |  |
| **Optional/General** comments | You can insert a horizontal line at the end of Table 1. | | |  |
| **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: | **Kehinde Marvellous Ajekiigbe** |
| Department, University & Country | **Federal University Oye-Ekiti, Nigeria** |