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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. Authors must 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 presents a significant advancement in point-of-care diagnostics by introducing a resilient fluorescent SCDs-MPs probe for the selective recognition of neurotransmitters in human fluid samples. The development of such a probe is crucial for real-time and on-site monitoring of neurological biomarkers, which can enhance early diagnosis and treatment strategies for neurological disorders. Additionally, the study investigates the cytotoxicity of the probe, ensuring its biocompatibility and potential for clinical applications. This research contributes to the scientific community by offering a novel, sensitive, and reliable tool for biomedical analysis, bridging the gap between nanomaterial-based sensing and practical healthcare applications.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| 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.** | **Yes** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments |  |  |

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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: | **Raj Ramdas Badekar** |
| Department, University & Country | **Jaipur National University, India** |