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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.** | **Presents an up-to-date overview of the methodology used to detect the neurotransmitter Dopamine.**  **It highlights the importance of generating modern methodology to detect neurotransmitters.**  **Presents a broad overview of the role of neurotransmitters such as Dopamine in the human organism.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **I suggest adding Dopamine to the title, which would be:**  **“A resilient point-of-care fluorescent SCDs-MPs probe for insight recognition of a dopamine neurotransmitter in human fluid samples and its cytotoxicity investigation”.** |  |
| 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, but the authors should add at lease 2 or 3 2024 references.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes** |  |
| Optional/General comments | **The content is well written, highlighting the importance of the implementation of a new methodology for the detection of neurotransmitters in the human body.**  **It describes in detail and scientifically well supported the proposed methodology.** |  |

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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: | **Oscar Manuel Cobar Pinto** |
| Department, University & Country | **University of San Carlos, Guatemala** |