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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\_5878** |
| Title of the Manuscript: | **Nature Vs Nurture: Cocaine Exposed Spermatogonia Impact Behavior and Executive Functions of Naive Offspring** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Addiction Research, 9(1): 1-7, 2025.**

**Available:** [**https://www.scivisionpub.com/abstract-display.php?id=3895**](https://www.scivisionpub.com/abstract-display.php?id=3895)

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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 well planned study teases nature from nurture in delinating cocaine an its effects on fertilization and post-fertilization effects.The research and review has implication in neurobiology of addiction.** |  |
| **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.**  **-** | **References could be updated to latest. Several references are old.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments | Kindly elaborate on cacine and role in spermatozoa, biochemistry binding additional lines and references will add value to introduction. The references for cocaine epigenetics effects are old kindly replace. A dditional references of transgenerational and multigenerational effects of addiction drugs can add value to the discussion.  Few English language and typos are corrected in test. |  |

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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:**

**Kiran Kumar HB, India**