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| Book Name: | [Medical Science: Trends and Innovations](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4537** |
| Title of the Manuscript:  | **Genetic and molecular analysis of Cancer Testis Antigen 45 in ovarian cancer** |
| 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.** | Cancer testis antigen (CT45) in itself is emerging a prominent prognostic marker in several cancer. Its role in Ovarian cancer is very much defined and paving new avenues for more therapeutic monitoring and target-related treatment. Studies highlighting the importance of CT45 is necessary and its intervention in genetic counterpart will help in diagnosis of Ovarian cancer. |  |
| **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. | The summary presented in the manuscript could be more refined. The grammar and sentence formation could be improved. The CA is in small letters in one place, and CA125 should be followed with space or without space uniformly. Role of cancer/testis antigen the bar can be removed. Avoid very short sentences. Spell check seven time’s’. The last two sentences could be written more specifically. |  |
| **Is the manuscript scientifically, correct? Please write here.**  | Yes, the manuscript is scientifically correct and holds importance for the researchers. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | No recent references from the last two years (2023 & 2024). This could be updated as there are articles available.  |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes. However, grammar, spell check, Uniformity of representation of CT45 should be followed. |  |
| Optional/General comments | Overall, the manuscript is structured properly. However, some major insights could be added based on the recent references and region specific details could be added to define. |  |

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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: | **Varsha Virendra Palol** |
| Department, University & Country | **JIPMER, India** |