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| Journal Name: | [**Asian Oncology Research Journal**](https://journalaorj.com/index.php/AORJ) |
| Manuscript Number: | **Ms\_AORJ\_141529** |
| Title of the Manuscript: | **Assessment of expression of novel immunohistochemical marker programmed death ligand 1(PD-L1) and its correlation with clinicopathological parameters in breast carcinoma** |
| Type ofthe Article | **Original Research Article** |

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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** (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.** | This manuscript addresses the role of PD-L1 expression in breast carcinoma and its correlation with various clinicopathological parameters. Given the growing interest in immune checkpoint inhibitors and their therapeutic potential, this study offers important insights into the expression patterns of PD-L1 in breast cancer subtypes, particularly in relation to HER2/neu status. It provides valuable evidence that can inform future decisions regarding immunotherapy-based treatment strategies in breast carcinoma. By contributing data from an Indian cohort, it also adds to the global understanding of breast cancer immunobiology in diverse populations. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The current title is largely suitable but could be revised slightly for clarity and conciseness. Suggested alternative:  Suggested Title:  “Immunohistochemical Expression of PD-L1 and Its Correlation with Clinicopathological Parameters in Breast Carcinoma”  This version removes redundancy (“novel” is unnecessary for a marker already well-known in oncology) and improves readability. |  |
| **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 abstract is generally comprehensive but could benefit from the following improvements:  The methodology section in the abstract should briefly mention the scoring system used for PD-L1 and the inclusion of ER, PR, and HER2 status assessment.  The results section should report the key statistically significant finding (i.e., correlation with HER2/neu) more clearly.  The conclusion could explicitly state that while PD-L1 has potential, it lacks prognostic value for most parameters evaluated.  Suggested Additions/Edits:  Add: “PD-L1 expression showed a statistically significant correlation with HER2/neu status (p = 0.039).” Clarify in the conclusion that PD-L1 may not be a robust prognostic marker based on current evidence. |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, the manuscript is scientifically sound. The study follows an appropriate cross-sectional design and uses accepted immunohistochemical and statistical methods. The application of the Combined Positive Score (CPS) and statistical significance testing are appropriate. However, some minor inconsistencies exist in the statistical reporting (e.g., p-values should always be reported to two decimal places). Also, mentioning the type of statistical test used with each comparison (e.g., chi-square) directly in the tables would enhance clarity. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention**  **them in the review form.** | The references are generally sufficient and cite a mix of recent (2020–2023) and foundational literature. |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | The English language of the manuscript is mostly suitable for scholarly communication. The manuscript would benefit from light to moderate copyediting to improve grammar, sentence structure, and consistency (e.g.,  “progesteron” should be “progesterone”; tense shifts in the discussion should be corrected). Also, minor stylistic improvements (e.g., consistent use of “positive/negative” vs. “positivity/negativity”) will enhance readability. |  |
| **Optional/General** comments | Scientific Validity: Solid methodology, clear objectives, appropriate statistical tools  Title & Abstract: Slightly verbose title; abstract needs clarification of key findings References: Mostly sufficient; 1–2 more recent, relevant sources suggested  Language & Style: Suitable for publication, but minor grammatical and phrasing improvements needed |  |

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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)* |  |

**Reviewer details:**

**Edenilson Brandl, Brazil**