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| Book Name: | [**Disease and Health: Research Developments**](https://www.bookpi.org/bookstore/product/disease-and-health-research-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4732** |
| Title of the Manuscript: | **Racial Disparity in Quadruple Negative Breast Cancer: Aggressive Biology and Potential Therapeutic Targeting and Prevention** |
| 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.**

**Cancers, Volume 14(Issue 18): 1-15, 2022.**

[**https://doi.org/10.3390/cancers14184484**](https://doi.org/10.3390/cancers14184484)

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| PART 1: Comments | | |
|  | Reviewer’s comment | 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.** | **This manuscript is highly significant for the scientific community as it addresses the critical issue of racial disparities in breast cancer, particularly focusing on the aggressive subtype known as quadruple-negative breast cancer (QNBC). The study highlights the disproportionate impact of QNBC on Black/African-American women and explores potential molecular and non-genetic factors contributing to this disparity. By identifying unique therapeutic targets and prevention strategies, the manuscript provides a framework for reducing the survival burden in this high-risk population. The findings could lead to more personalized and effective treatments, ultimately improving outcomes for Black/African-American women with QNBC.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title,**"Racial Disparity in Quadruple Negative Breast Cancer: Aggressive Biology and Potential Therapeutic Targeting and Prevention,"**is suitable as it accurately reflects the focus of the manuscript on racial disparities, the aggressive nature of QNBC, and the exploration of therapeutic and preventive strategies. However, a slightly more specific title could be:**"Racial Disparity in Quadruple Negative Breast Cancer: Molecular Insights, Therapeutic Targets, and Prevention Strategies for Black/African-American Women." |  |
| 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 comprehensive and provides a clear overview of the manuscript's objectives, findings, and implications. However, it could benefit from a brief mention of the specific molecular pathways or epigenetic modifications discussed in the manuscript, as these are key components of the study. Additionally, a sentence summarizing the potential clinical implications of the findings would strengthen the abstract.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript appears to be scientifically sound, with a thorough review of the current literature and a clear presentation of the molecular and biological mechanisms underlying QNBC. The discussion of racial disparities, molecular signaling pathways, and potential therapeutic targets is well-supported by recent studies and data.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references are sufficient and mostly recent, covering key studies and reviews relevant to the topic. However, a few additional references could be included to strengthen the discussion on epigenetic modifications and non-genetic risk factors. For example, recent studies on the role of microRNAs in QNBC or the impact of socioeconomic factors on breast cancer outcomes could be added.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language and English quality of the manuscript are suitable for scholarly communication. The writing is clear, concise, and well-structured, making it accessible to a broad scientific audience. |  |
| Optional/General comments | This manuscript is a valuable contribution to the field of breast cancer research, particularly in addressing racial disparities. The focus on QNBC and its disproportionate impact on Black/African-American women is timely and important. The inclusion of both molecular and non-genetic factors provides a holistic view of the issue, and the proposed therapeutic targets offer promising directions for future research. Overall, this manuscript has the potential to significantly impact both clinical practice and future research in breast cancer. |  |

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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:**

**Mohammed Malih Radhi, Al-Furat Al-Awsat Technical University, Iraq**