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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\_5137** |
| Title of the Manuscript: | **Clinical, Pathological, and Molecular Characteristics of CpG Island Methylator Phenotype in Colorectal Cancer in Uganda** |
| 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.**

**Journal of Cancer Research and Clinical Practice, 8(1): 1-12, 2025.**

[**https://doi.org/10.36266/JCRCP/147**](https://doi.org/10.36266/JCRCP/147)

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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.** | This manuscript is an important contribution because it addresses a significant gap in our understanding of colorectal cancer in Uganda by examining the CpG island methylator phenotype (CIMP) in a comprehensive, population-based setting. The study is detailed analysis using quantitative DNA methylation assays and next generation sequencing provides robust insights into the unique epigenetic landscape of colorectal tumors in this region. Such findings not only enhance our understanding of regional variations in cancer biology but also pave the way for more personalized diagnostic and treatment strategies. Overall, this work lays a strong foundation for future research aimed at improving clinical outcomes in populations that have been historically underrepresented in cancer studies. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title is already quite detailed and informative, but it can be refined for better readability and impact.  **My Suggestion: Clinical, Pathological, and Molecular Characteristics of the CpG Island Methylator Phenotype in Ugandan Colorectal Cancer** |  |
| 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. | **Strengths:**  1. The Abstract follows a logical sequence, making it easy to understand.  2. The study focuses on an important and underexplored aspect of colorectal cancer in Uganda.  3. It effectively summarizes the research without excessive detail.  4. The study appears to use robust molecular techniques, which are important for credibility.  **Suggestions:**  The abstract is well-structured, but minor refinements in clarity, specificity, and impact could enhance its comprehensiveness. Strengthening the objective, methodology, results, and conclusion will make it more effective for readers and researchers. |  |
| **Is the manuscript scientifically, correct? Please write here.** | This is a well executed study with strong scientific merit. With a few minor refinements in methodology explanation, data clarity, and conclusion emphasis, the manuscript will become even more compelling and accessible to a broader scientific audience.  **Few minor refinements could enhance its clarity and overall impact:**  1. Methodology Details: Slightly improve more detail on Sample size.  2. Data Presentation: Improve more numerical value and Statistical significance.  3. Conclusion Strength: Make sure the conclusion fully align with the results. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | The references used in the manuscript are well-chosen and provide a solid foundation for the study. They effectively support the research and contribute to a strong scientific basis for the findings. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The manuscript is well written and effectively communicates scientific concepts in a clear and structured manner. The language is suitable for scholarly communication, making the study accessible and engaging for readers. |  |
| Optional/General comments | The manuscript is well structured and contributes valuable insights to the field. Adding more details on statistical analysis and clinical implications could enhance its impact. A graphical summary or updated references may further strengthen the presentation. Overall, with minor refinements, this study has strong potential for publication. |  |

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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:**

**Vijayanandhan V, MVM College of Pharmacy, India**