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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\_6179** |
| Title of the Manuscript: | **NRAS, KRAS, BRAF and PIK3CA mutation rates and the association with clinicopathological features in Ugandan colorectal cancer patients** |
| 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.** | **A very important topic and interesting paper shedding light on an important topic, some of the genetic mutations and their rate in colorectal cancer (CRC) patients in Uganda. Compliments and congratulations to the authors for carrying out the interesting study as it could help in future epidemiological studies and in understanding better genetic variations of CRC.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Good title, but I would word it this way: “The mutation rates of NRAS, KRAS, BRAF and PIK3CA and their associations with clinicopathological features in Ugandan colorectal cancer patients.”** |  |
| 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. | **Abstract comprehensive** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript seems scientifically correct. Would add for stronger medical impact for the reader, an explanation for instance of the impact of primary tumour location site and literature reference to genetics of location-based primary CRC tumours. For instance right-colon cancers vs left-colon cancers and rectal cancers (also due to your results of BRAF and right-sided colon cancers).** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Please, add some references for new section of informations suggested and as said in previous sections, explain for instance the impact of primary tumour location site and literature reference to genetics of location-based primary CRC tumours. For instance right-colon cancers vs left-colon cancers and rectal cancers (also due to your results of BRAF and right-sided colon cancers).** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **The manuscript has adequate English. Would put methodology section as a heading and “extraction of DNA” and other “methodology” related sections as subheadings (in the version of the Microsoft word copy doesn’t seem to be this way and I see them with same font and size)** |  |
| Optional/General comments | **Compliments to the authors for such an interesting paper. Very important informations.** |  |

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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?** | No, Doesn’t seem to be any ethical issues. |  |

**Reviewer details:**

**Nicola Sarandria, Italy**