

Review Form 1.7

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| Journal Name: | Asian Journal of Biotechnology and Genetic Engineering |
| Manuscript Number: | Ms_AJBGE_116211 |
| Title of the Manuscript: | Hypermethylation of Apoptotic Genes in Oral Squamous Cell Carcinoma |
| Type of the Article | |

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PART 1: Review Comments

| | 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) |
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| <p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p> | <ol style="list-style-type: none"> 1. The manuscript provides a comprehensive overview of the role of hypermethylation in apoptotic gene regulation in oral squamous cell carcinoma (OSCC), which is undoubtedly important for the scientific community. Understanding the molecular mechanisms underlying OSCC progression and therapy resistance is crucial for developing effective diagnostic and therapeutic strategies. This manuscript contributes valuable insights into the epigenetic landscape of OSCC and its implications for clinical management. 2. The title of the article effectively summarizes the main focus of the manuscript. However, it could be enhanced by adding specific keywords related to OSCC and hypermethylation to improve searchability and relevance. 3. The abstract provides a comprehensive summary of the manuscript's key findings, including the role of hypermethylation in OSCC pathogenesis, therapeutic implications, and future perspectives. However, it could be improved by providing more specific details on the methodologies used and the main results obtained. 4. The subsections and structure of the manuscript are appropriate, as they effectively organize the content into distinct sections covering different aspects of hypermethylation in OSCC. However, some subsections could benefit from clearer transitions between topics to improve the flow of the text. 5. The manuscript appears to be scientifically correct, as it accurately summarizes current knowledge on the topic and cites relevant literature to support its claims. However, additional clarification or elaboration on certain points may be necessary to enhance the manuscript's scientific rigor. 6. The references provided are sufficient and recent, covering a wide range of relevant literature on hypermethylation in OSCC. However, including additional references that explore emerging research areas or alternative viewpoints could further enrich the manuscript and provide readers with a more comprehensive understanding of the topic. | |
| <p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? | <p>The language and English quality of the article are suitable for scholarly communications. However, minor revisions may be required to improve clarity, coherence, and readability. Proofreading for grammatical errors, sentence structure, and terminology consistency is recommended to ensure the manuscript meets scholarly standards.</p> | |
| <p>Optional/General comments</p> | <p>Overall, the manuscript presents valuable insights into the role of hypermethylation in OSCC and its implications for diagnosis and therapy. Addressing the suggested revisions will help enhance the clarity, coherence, and scientific rigor of the manuscript, further strengthening its contribution to the field. Additionally, considering the rapidly evolving nature of the topic, periodic updates to incorporate new research findings and perspectives will ensure the manuscript remains relevant and impactful to the scientific community.</p> | |

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PART 2:

| | Reviewer's comment | Author's comment <i>(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)</i> |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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|----------------------------------|--------------------------|
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| Department, University & Country | Pakistan |