

### Review Form 3

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|--------------------------|---|
| Journal Name:            | <a href="#">Asian Journal of Medical Principles and Clinical Practice</a>                                       |
| Manuscript Number:       | Ms_AJMPCP_128175  |
| Title of the Manuscript: | PATTERN OF ERYTHROPOIETIN mRNA EXPRESSION IN ABO BLOOD GROUP PROSPECTIVE DONORS IN ILORIN, KWARA STATE, NIGERIA |
| Type of the Article      |   |

#### PART 1: Comments

|  | Reviewer's comment   | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|--|--|---|
| 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 provides relationship between ABO blood groups and the expression of erythropoietin (EPO) mRNA, a key regulator of red blood cell production. By focusing on prospective blood donors in the mentioned population it contributes to the understanding of genetic and physiological variations within a specific population. The study's findings also enhance clinical practices, such as donor screening and anemia management based on blood group-specific trends. Additionally, it adds to the growing knowledge on how genetic factors influence erythropoiesis, with implications for transfusion medicine and hematological research. But the study finding shows no significant association of the blood groups with the erythropoietin mRNA level.  |   |
| Is the title of the article suitable? (If not please suggest an alternative title)   | The title of the article is clear and informative.   |   |
| 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 informative and provides a good summary of the study, but it can be improved to enhance clarity, flow, and comprehensiveness. Below are some suggestions for improvement: <ul style="list-style-type: none"> <li>The methodology section is too detailed for an abstract and could be condensed. For instance, details like the specific hematology analyzer model (Sysmex XN-350) or SPSS version are better suited for the main text.</li> <li>The results section is somewhat cluttered. It could focus more on the most critical findings (e.g., higher EPO expression in O Rh+ and B Rh+ individuals). Less emphasis should be placed on demographic details unless they are directly relevant to the conclusions.</li> <li>The conclusion could be more concise and avoid overgeneralization. It could also suggest practical implications or future research directions.</li> </ul> |   |
| Is the manuscript scientifically, correct? Please write here.  | This manuscript appeared to be scientifically sound & correct, but few aspect showed be reviewed & clarified to ensure accuracy and similarity with scientific standards: <ul style="list-style-type: none"> <li>Remove the grammatical and fonts mistake(fonts are not uniform)</li> <li>Discuss lack of correlation mRNA expression in ABO blood group</li> <li>Avoid over generalizing conclusion without additional supporting evidence</li> </ul>   |   |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.                              | Yes the references are sufficient.   |   |

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| Is the language/English quality of the article suitable for scholarly communications? | The language/English quality of the article is suitable for scholarly communications, but needs minor improvement. |  |
| <u>Optional/General</u> comments  |  |  |

#### **PART 2:**

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

#### Reviewer Details:

|                                  |   |
|----------------------------------|---|
| Name:                            | <b>Naeem Ullah</b>                                      |
| Department, University & Country | <b>Northwest Institute of Health Sciences, Pakistan</b> |