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| Book Name: | [Microbiology and Biotechnology Research: An Overview](https://www.bookpi.org/bookstore/product/microbiology-and-biotechnology-research-an-overview-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5158** |
| Title of the Manuscript: | **Comparative Study of Genomic DNA Extraction Protocols from Whole Blood for P53 Gene Polymorphism in Persons with and without Prostate Cancer** |
| 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.**

**Baghdad Science Journal, 2024, 21(3): 0975-0989.**

[**https://dx.doi.org/10.21123/bsj.2023.7981**](https://dx.doi.org/10.21123/bsj.2023.7981)

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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.** | **Research strengths:**  **Clear objective: Comparing five methods for extracting DNA from human blood to determine the most suitable in terms of purity, quantity, cost, and time.**  **Good experimental design: Applying five different protocols to samples from normal patients and those with prostate cancer.**  **Use of various techniques: Spectrophotometer, Nanodrop, electrophoresis, and PCR.**  **Good relevance to clinical application: Especially regarding the importance of p53 in the development of prostate cancer.**  **Good bibliography: A good number of scientific references were used.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Suitable** |  |
| 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. | **There are weak linguistic and grammatical errors in many paragraphs, especially in the abstract and introduction.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **A comprehensive linguistic review is recommended to improve academic style and clarity.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **A comprehensive linguistic review is recommended to improve academic style and clarity.** |  |
| Optional/General comments | A comprehensive linguistic review is recommended to improve academic style and clarity.  Discussion of findings:  The discussion contains significant repetition and should be more focused.  Limitations are not clearly discussed.  Conclusion:  The conclusion contains a good summary but is relatively long and contains some repetition.  It should be more focused, with a clear recommendation for the best protocol based on the findings. |  |

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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:**

**1. Luay Qasim Abdulhameed, University of Diyala, Iraq**