

Review Form 3

Journal Name:	Asian Journal of Advanced Research and Reports
Manuscript Number:	Ms_AJARR_130216
Title of the Manuscript:	PROTEINS: THE INGENIOUS WORKHORSE MOLECULE, A NARRATIVE REVIEW.
Type of the Article	Review 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>
<b>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.</b>	<ul style="list-style-type: none"><li>- Well, it is an important narrative article as it collects all related published papers in protein in one place, and it will be a useful secondary source of information for researchers in life sciences.</li><li>-information in this review will be so beneficial for chemist, biochemist biologist and pharmacist who are interested in designing target therapeutic modalities for illnesses.</li><li>-Moreover, it will be useful for healthcare provider especially who are specialized in metabolic medicine or other related internal medicine subspecialties in diagnosis of the diseases.</li></ul>	I appreciate the kind insights.
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<ul style="list-style-type: none"><li>-Yes, it is suitable</li></ul>	I agree with the reviewer.
<b>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.</b>	<ul style="list-style-type: none"><li>- Generally it is fine, and will be more perfect if author rearrange some sentences. Put the protein formation in the second sentences and better to add protein encoded genes from coding regions in the human DNA....( Proteins are formed from amino acid units following the template of the genetic code in deoxyribonucleic acid (DNA).Then mention it has protean structure and function throughout all human body ...instead of (They occur throughout the human body. Their structure and function are protean)</li><li>- It is better to write the aim of this narrative article to whom will be beneficial the most</li><li>- Add a couple of sentences regarding the clinical implication of the protein</li><li>- It will be nice to delete (Main Text) words and start the paragraph with the amino acids...</li><li>- Remove () and try to avoid the repetition of word (protein) as much as possible.</li></ul>	I appreciate the reviewer's comments and corrections. I have rewritten the aim of this narrative review to address whom would benefit most from it (lines 35 -37) I have added some sentences illustrate the clinical implication of the protein (lines 28 – 31). I have made the corrections by deleting ‘main text’ and starting the paragraph with ‘Amino acids.’ I have removed the bracket ‘()’ and avoided the repetition of the word ‘protein’ by deleting most of them and replacing some with pronouns.
<b>Is the manuscript scientifically, correct? Please write here.</b>	<ul style="list-style-type: none"><li>-</li><li>- Scientific paragraphs of the narrative review article are scientifically correct.</li></ul>	I am grateful to the reviewer for the comment.
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	<ul style="list-style-type: none"><li>- This article almost covered the most required information about protein, but missed to discuss the role of artificial intelligent and deep learning in protein structure prediction. It would be better if more recent published works in particularly the one that won the Noble prize in 2024 (ttps://www.nature.com/collections/edjcfdihi)</li><li>- Is will be perfect if write some sentences about gene expression profile and proteome detection and their clinical implication in diagnosis, managing and prognosis of the diseases. (example: . <a href="https://doi.org/10.1016/j.injury.2006.11.021">https://doi.org/10.1016/j.injury.2006.11.021</a>)</li><li>- I never seen any sentences in the role of proteomics and epigenomes in the era of precision medicine , including pharmacogenomics and targeted regulator proteins in some diseases.(example: <a href="http://www.technologynetworks.com/proteomics/articles/the-critical-role-of-proteomics-in-precision-medicine-375344">www.technologynetworks.com/proteomics/articles/the-critical-role-of-proteomics-in-precision-medicine-375344</a>):</li></ul>	I appreciate the reviewer's enriching comments and recommendations. I have included a paragraph on application of artificial intelligence to protein structure prediction citing the Nobel laureates’ works (lines 211 – 216). I also added a paragraph on proteomics and pharmacoproteomics including applications in precision medicine. (lines 217 – 224).

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Is the language/English quality of the article suitable for scholarly communications?	<div><div>- Very good quality</div><div>- I suggest to re arrange the subsections, write section 8 Protein synthesis and 9 post translation modification after section one introduction</div></div>	I thank the reviewer for the kind words and suggestions on section rearrangement. I however, think that the present section arrangement goes from simple descriptive issues like structure, physicochemical properties and classification of proteins to more complex issues like synthesis and post translational modification of proteins, for better understanding. The reviewer may consider letting the present arrangement stand.
Optional/General comments		I have no comments to make here

PART 2:

	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)
Are there ethical issues in this manuscript?	<div><div><i>(If yes, Kindly please write down the ethical issues here in details)</i></div></div>	I have no ethical issues to declare.