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| Journal Name: | [**Journal of Pharmaceutical Research International**](https://journaljpri.com/index.php/JPRI) |
| Manuscript Number: | **Ms\_JPRI\_134607** |
| Title of the Manuscript: | **DIETARY SUPPLEMENTS USED IN GERIATRICS DISEASES-AN OVERVIEW** |
| Type of the Article | **Review article** |

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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.** | This manuscript holds significant importance for the scientific community as it highlights the critical need for specialized strategies in managing the health of the aging population. With the global rise in life expectancy, understanding the role of nutrition—particularly phytochemicals and nutraceuticals—in promoting healthy aging has become increasingly relevant. By addressing the nutritional challenges and vulnerabilities specific to the elderly, this review provides valuable insights into preventive healthcare approaches aimed at reducing the burden of chronic diseases. Furthermore, the manuscript contributes to ongoing research efforts by emphasizing the potential of dietary interventions in enhancing functional independence and overall well-being in older adults. | This manuscript is highly valuable for the scientific and clinical communities as it consolidates evidence-based insights on the role of dietary supplements in managing geriatric diseases. With the increasing elderly population globally, there is a growing need for safe and effective interventions to improve their quality of life. The review highlights several clinical trials and research findings on the efficacy of nutraceuticals and plant-based compounds, making it a practical resource for healthcare providers. By bridging traditional knowledge and modern evidence, this work supports informed clinical decision-making and promotes integrative approaches in geriatric care. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The current title, "DIETARY SUPPLEMENTS USED IN GERIATRICS DISEASES – AN OVERVIEW," conveys the general idea but could be improved for clarity, readability, and scientific tone. Specifically, the phrase "geriatrics diseases" is grammatically incorrect—it should be "geriatric diseases" or "diseases in the elderly." Additionally, the title can be made more concise and informative by incorporating terms like nutraceuticals or phytochemicals if those are the main focus.  Suggested suitable title   1. "An Overview of Dietary Supplements in the Management of Geriatric Diseases**"** | Yes. The title is 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. | 1. Clear Objective Statement: Introduce the specific aim or scope of the review earlier in the abstract. 2. Mention of Method or Type of Review: Briefly indicate whether this is a narrative review, literature review, or systematic overview (if applicable). 3. Key Themes or Examples: Include one or two examples of phytochemicals or classes of supplements to support the focus. 4. Conclusion or Implication: Add a summarizing sentence that highlights the review’s significance or potential impact. | Yes. The abstract of abstract is comprehensive. |
| Is the manuscript scientifically, correct? Please write here. | The manuscript is scientifically accurate and covers important aspects related to geriatrics, gerontology, demographic transitions in India, nutraceuticals, and geriatric diseases such as delirium. The information presented aligns with current clinical and regulatory standards, particularly the sections on FSSAI guidelines and the classification of nutraceuticals. However, the manuscript requires improvement in language, grammar, and formatting. Additionally, formatting of lists and tables should be standardized for better readability. Some sentences need to be more concise and professionally structured to enhance clarity. While the data from Census 2011 is valid, incorporating more recent statistics (e.g., Census 2021) would strengthen the manuscript. Overall, the content is strong, but a thorough editorial revision is needed to improve its scientific presentation and readability. | Yes . It is scientifically correct. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references provided are generally solid but outdated in some areas, particularly the demographic data (Census 2011). It would be beneficial to include more recent sources, especially from 2020 onwards, to reflect current trends and advancements in geriatric healthcare, nutraceuticals, and diseases like delirium and Alzheimer’s. Updating with recent publications, such as those from *The Lancet Healthy Longevity* or *Journal of the American Geriatrics Society*, and incorporating newer government reports would strengthen the manuscript's scientific relevance and accuracy. | Yes. The references are sufficient. |
| Is the language/English quality of the article suitable for scholarly communications? | The language in the article needs some improvement. There are awkward sentences, some repetition, and small punctuation mistakes. It should be rewritten to be clearer, more formal, and easier to read for an academic audience. | Ok |
| Optional/General comments | Based on the provided text, there don't appear to be any explicit competing interest issues.  The manuscript is scientifically sound, well-cited, and informative, making it suitable for scholarly communication.  With minor improvements in language and readability, it has the potential for strong publication quality. | Ok |

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| **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?** | *(If yes, Kindly please write down the ethical issues here in details)* | No. |