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REVIEWER'S REPORT

Manuscript No.: IJAR-56826

Title: Multidomain Lifestyle Interventions for Dementia Prevention: From Mechanisms to Clinical Implementation.

Recommendation:

Accept after major revision

Rating	Excel.	Good	Fair	Poor
Originality	✓			
Techn. Quality		✓		
Clarity		✓		
Significance	✓			

Reviewer's ID: JPR-198

Detailed Reviewer's Report

The manuscript covers a highly relevant and important topic with strong literature coverage and good organization. However, after careful evaluation, the manuscript is predominantly descriptive rather than analytical, which limits its suitability for publication in its current form.

While the content is scientifically sound, the manuscript does not yet meet the expectations of a review article.

Major Comments

1. The manuscript mainly describes studies (FINGER, MAPT, preDIVA) without deep comparison.
2. Differences in outcomes (positive vs neutral trials) are not critically analyzed in depth.
3. Limitations of evidence are mentioned but not emphasized or explored sufficiently.
4. Structure resembles a chapter or academic note rather than a journal review.
5. Sections (mechanisms, trials, network) are segregated rather than compiled effectively.
6. Detailed pathways (BDNF, VEGF, epigenetics) are scientifically accurate but is too extensive disrupting the flow and diluting the clinical relevance. Authors need condense it to maintain the flow and retain the scientific accuracy.
7. Interpretation of Trial Evidence
 - FINGER trial → strongly emphasized
 - MAPT & preDIVA (neutral results) → presented but not critically examined
 - No strong discussion on:
 - Why results differ
 - Generalizability issues

REVIEWER'S REPORT

- Context (healthcare systems, baseline risk)
- 8. Authors should add summary tables for FINGER vs MAPT vs preDIVA

Minor Issues

9. Abstract is too long and dense
10. Some sentences are overly complex
11. Minor formatting inconsistencies
12. Slight redundancy across sections