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| Book Name: | [Achievements and Challenges of Medicine and Medical Science](https://www.bookpi.org/bookstore/product/achievements-and-challenges-of-medicine-and-medical-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_** **3596** |
| Title of the Manuscript:  | **BASIS AND ARGUMENT LEADING TO THERAPEUTIC UTIBASIS AND PARALLELS ON DEPRESSION AND ALZHEIMER´S DISEASE AND DIFFERENT GENOMIC VULNERABILITY LITIES** |
| Type of the Article | **Book chapter** |

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| PART 1: Review Comments |
| Compulsory REVISION comments | Reviewer’s comment | 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.** | This manuscript provides critical insights into the shared molecular and genomic pathways underlying depression and Alzheimer’s disease, highlighting parallels that may contribute to their co-occurrence and progression. By exploring distinct genomic vulnerabilities and their interplay with environmental factors, the study advances our understanding of the basis for these disorders. Importantly, the findings offer a foundation for developing therapeutic strategies targeting overlapping mechanisms, presenting significant implications for personalized medicine. This work bridges gaps in neuropsychiatric and neurodegenerative research, fostering innovative approaches to diagnosis and treatment. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes****Only the word ‘LITIES’ at the end of the title should be deleted** |  |
| 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. | **Yes** |  |
| **Are subsections and structure of the manuscript appropriate?** | **Yes** |  |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.** | This manuscript is scientifically robust and technically sound, leveraging advanced genomic analysis and integrative methodologies to explore the interconnected mechanisms of depression and Alzheimer’s disease. The study meticulously identifies genomic vulnerabilities and their role in disease progression, supported by comprehensive evidence and well-designed experiments. Its rigorous approach ensures the reliability of findings and their potential applicability in developing therapeutic strategies. The manuscript’s clarity and depth contribute to its scientific credibility and relevance in the fields of neuropsychiatry and neurodegeneration. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Yes**  |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | Yes  |  |
| Optional/General comments |  |  |

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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)* |  |

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| **Reviewer Details:** |
| Name: | **Huma Ikram** |
| Department, University & Country | **University of Karachi, Pakistan** |