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| Book Name: | [**Medical Science: Trends and Innovations**](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4605** |
| Title of the Manuscript: | **Function of Glia in Aging and the Brain Diseases** |
| Type of the Article | **Book Chapter** |

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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 is exceptionally well written and provides important insights into immune cells and the aging process that affects them, as well as the diseases that arise from the decline in the ability of these cells. This paper needs to be disseminated and studied by readers to provide insight into research and learning basic science to clinical. In-depth research on the role of aging glial cells in disease emergence is needed to contribute to developing drugs and biomarkers. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title of this manuscript is suitable and accurately reflects its contents. It is concise and well-structured. |  |
| 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. | For writing an abstract, it includes a summary of the entire manuscript. |  |
| **Is the manuscript scientifically, correct? Please write here.** | Overall, the explanation in this paper discusses the classification of diseases related to disorders in glial cells, combining aspects of aging with issues caused by microRNA and brain development disorders. Additionally, the paper addresses the non-physiological roles of glial cells and the presence of glial cell cancer. To enhance clarity for readers, it would be beneficial for the author to organize and categorize these diseases associated with glial cells more effectively. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | The references in this chapter are numerous and relevant; however, some of them are quite old (over 10 years). It would be beneficial for the author to update these references with more recent sources. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The use of English is quite good in this manuscript. |  |
| Optional/General comments | * There is a repetition of sentences in the initial sub-chapter of sentences in the introduction. Perhaps this can be overcome by paraphrasing. * An explanation of some of the existing abbreviations is needed, to make it easier for readers of this chapter. * More details in pathomechanism of glia's agiing and the related diseases are needed, to give more information for readers. |  |

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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)* |  |

**Reviewer details:**

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