

Review Form 1.7

| | |
|--------------------------|--|
| Journal Name: | Asian Journal of Research in Infectious Diseases |
| Manuscript Number: | Ms_AJRID_111071 |
| Title of the Manuscript: | Investigating Transferrin: Deciphering its Complex Mechanisms in Cellular Iron Regulation and Implications in Health and Disease |
| Type of the Article | Review paper |

Review Form 1.7

PART 1: Review Comments

| | 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) |
|---|--|---|
| Compulsory REVISION comments 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u> | <p>Yes. It gives a deep insight about the complex structure and metabolism of Transferrin.</p> <p>I suggest the title- A review of literature on transferrin: Deciphering it's complexmechanism in cellular iron regulation and clinical implications.</p> <p>Yes. At the end of the abstract. The "keyword" section can be included to highlight the key points in no more than 50 words.</p> <p>I suggestion the section 4.0 titled: Test for transferrin can be shifted after the section 6.3</p> <p>Yes</p> <p>I suggest to add more latest references to substantiate the literature.</p> <p>1. The references can be sequenced Ina chronological order 2. There can be a section titled Conclusion to highlight the clinical importance of transferrin in disease and how understanding the complex structure and mechanismpay a vital role contribute to the same. In crisp how important is this review crucial in the field of medicine. It adds improved value to the paper 3. There can be a crisp summary table to enlist the chemical properties in section 5.0 4. A diagram can be included under the section 2.1: structure of transferrin 5. I suggest that the figure 1 and 2 be replaced owing to low resolution and clarity i</p> | |
| Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications? | Yes | |
| Optional/General comments | | |

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:

| | |
|----------------------------------|-------------------|
| Name: | Nandini Nagarajan |
| Department, University & Country | India |