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| Journal Name: | [**Journal of Pharmaceutical Research International**](https://journaljpri.com/index.php/JPRI) |
| Manuscript Number: | **Ms\_JPRI\_137698** |
| Title of the Manuscript: | **Nose-to-Brain Delivery of Naringenin loaded cubosomal In-Situ Gel: Formulation and In vitro/In vivo Evaluation** |
| Type of the Article | **Original Research 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** (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.** | **The manuscript shows appropriate level of novelty. The pharmacodynamic study is important** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes |  |
| 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 |  |
| Is the manuscript scientifically, correct? Please write here. | Yes |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **Yes** |  |
| Is the language/English quality of the article suitable for scholarly communications? | No |  |
| Optional/General comments | In the abstract what is the meaning of CCD it should be illustrated in its first appearance in the text Why did you choose to use mixture of gelling agents specifically and illustrate the method  How did you confirm the formation of glyceryl oleate from glycerin and oleic acid in the preparation first step  Did you make dilutions in the tem experiment  The whole text should be spell checked and gramatically checked  The resolution of ftir spectra should be imptoved  Ilustrare a justification of the effect of increasing gmo on particle size | CCD is Central composit design an experimental design software  Used to optimize formulation.  Here the combination of gums used to serve the following properties, Gellangum is an insitu gelling polymer and locust bean gum is mucoadhesive polymer  Glycerol reacts with oleic acid at 600C temp forms glycerlyl oleate  TEM analysis was not done in our laboratory.  Entire text was checked once again  Explanation given in the text. |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (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 |