Review of: "[Review Article] Nanocarriers for Protein and Peptide Drug Delivery"

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Potential competing interests: No potential competing interests to declare.

Regarding the "[Review Article] Nanocarriers for Protein and Peptide Drug Delivery," I believe that the current version of the article requires significant revision to attain the latest scientific standards expected of review articles.

It appears that the authors should consider reorganizing the article, perhaps by categorizing it into sections such as "utilized methods" and "employed carriers" for peptide and protein delivery. The first section could cover nanoemulsion, microemulsion, and other employed methods, while the second could encompass microspheres and various types of nanoparticles. Introducing a plan to provide this organization can be helpful.

The methods outlined for protein delivery lack scientific rigor and clarity, with a notable omission in clearly defining each method, elucidating their respective advantages and disadvantages. For instance, "Microemulsion" remains undefined, and its specific distinction from "nanoemulsion" has not been emphasized.

Additionally, the introduction of "Microspheres" falls short of adequacy and would significantly improve with the inclusion of specific details highlighting the advantages of microspheres over other nanocarriers. Furthermore, each case should include up-to-date examples of peptide and protein delivery using the mentioned nanocarriers and utilized method.

Ultimately, the absence of appropriate figures for categorizing nanocarriers, understanding their structures, and delineating their applications is glaringly evident.