

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

Sara Melisa Arciniegas Ruiz<sup>1</sup>

<sup>1</sup> Tel Aviv University

**Potential competing interests:** No potential competing interests to declare.

In general, I consider a great idea doing this review, it has a very nice approach, but I have some comments in order to achieve a higher quality of the information that is compiled here:

1. There is a mistake in the numeration in the next paragraph: i)..... They should be homogeneous. "The use of nanoparticle technology in protein delivery can be applied to the following: I extending the half-life of proteins with poor pharmacokinetic properties in vivo; ii) protecting proteins from premature degradation or denaturation in biological environments; iii) facilitating controlled and sustained release of optimum drug concentrations, and iv) targeting sick tissue, cells, and subcellular sections, hence increasing biologic therapies' safety and effectiveness"
2. Considering that is a review, maybe the addition of a table with the summary of all the nanocarries and their differences would be greatly received.
3. As you summarized in the paragraph of Microspheres the available drugs in the market. I recommend you follow the same trend with all the nanocarries and show the available options in the market. Seems that the information presented is not homogeneous in each nanocarrier.
4. Similar to the previous point I suggest to follow an order in the presentation of the information. Not all the nanocarriers present the same information. Every Subject should be present homogenously, for example: First describe the meaning of the nanocarriers, after the physical-chemical characteristics, after the classification (if applicable), advantages and disadvantages, products in the market... etc... (in some of the forms you present also some history of the development, or some commercial products). Its important to present the same type of information in each subject.
5. The Images: Are these original images? ... I personally consider that the figure 1 and 2 are not really useful. You should present the info in another way.
6. In the Polymeric Nanoparticles, the authors are explaining a method of preparing this carriers, but they do not present this information in other nanocarriers. The information presented should be homogeneous in each subject. You should add the method of preparation in every case, or not mention it at all in any case.
7. Probably the list of materials in each case should be organize in Tables.
8. Check some minor grammar errors.

Good Luck,

