

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

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Potential competing interests: No potential competing interests to declare.

1. The author primarily reviews the delivery of protein- or peptide-based pharmaceuticals using carriers such as mucoadhesive polymers, microspheres, nanoparticles, and nanoemulsions. Accordingly, the author should individually summarize the principles, delivery efficiency, advantages, and limitations associated with each of these carriers for delivering proteins or peptides. Furthermore, illustrative and textual representations of representative studies should be provided for each type of carrier.
2. Each table should include additional representative references. Table 2, which lists polymers, is overly broad and should detail specific, typical carriers, their methods of administration, and information regarding their progression into clinical studies.
3. The delivery of protein-based pharmaceuticals often encounters stability issues, including ex vivo stability, in vivo stability, and issues related to endosomal/lysosomal escape post-cellular entry. These issues require in-depth discussion by the author, who should ideally propose directions for resolution.