

Discussion In light of the strength considerations for using nanotechnology materials, these materials can enhance the performance of immunotherapy with encapsulation and protection of a therapeutic molecule such as mRNA and CAR-T cells, and, delivery directly to cells such as cancer cells or targeted immune cells. For these same reasons, it is also important to consider challenges that accompany the use of nanomaterials in manufacturing processes such as potential toxic effects and safety concerns of the nanomaterials as a by-product, unacceptable immune activation and other associated issues for example, cost-benefit to manufacturability.