

Nanomedicine: A Primer for Pharmacists

SELECTED REFERENCES

1. Bayda S, Samer A, Tuccinardo T, et al. The history of nanoscience and nanotechnology: from chemical-physical applications to nanomedicine. *Molecules*. 2019;25(1):112. doi:10.3390/molecules25010112
2. Garbayo E, Pascual-Gil S, Rodríguez-Nogales C, et al. Nanomedicine and drug delivery systems in cancer and regenerative medicine. *Wiley Interdiscip Rev Nanomed Nanobiotechnol*. 2020;12(5):e1637. doi:10.1002/wnan.1637
3. Onoue S, Yamada S, Chan H-K. Nanodrugs: pharmacokinetics and safety. *Int J Nanomedicine*. 2014;9:1025-1037. doi:10.2147/IJN.S38378
4. Aftab S, Shah A, Nadhman A, et al. Nanomedicine: an effective tool in cancer therapy. *Int J Pharm*. 2018;540(1-2):132-149. doi:10.1016/j.ijpharm.2018.02.007
5. Abdelbaky SB, Ibrahim MT, Samy H, et al. Cancer immunotherapy from biology to nanomedicine. *J Control Release*. 2021;336:410-432. doi:10.1016/j.jconrel.2021.06.025
6. Fornaguera C, García-Celma MJ. Personalized nanomedicine: a revolution at the nanoscale. *J Pers Med*. 2017;7(4):12. doi:10.3390/jpm7040012
7. Weissig V, Elbayoumi T, Flühmann B, Barton A. The growing field of nanomedicine and its relevance to pharmacy curricula. *Am J Pharm Educ*. 2021;85(8):8331. doi:10.5688/ajpe8331
8. Shah S, Dhawam V, Holm R, et al. Liposomes: advancements and innovation in the manufacturing process. *Adv Drug Deliv Rev*. 2020;154-155:102-122. doi:10.1016/j.addr.2020.07.002
9. Zylberberg C, Matosevic S. Pharmaceutical liposomal drug delivery: a review of new delivery systems and a look at the regulatory landscape. *Drug Deliv*. 2016;23(9):3319-3329. doi:10.1080/10717544.2016.1177136
10. Raval N, Maheshwari R, Shukla H, et al. Multifunctional polymeric micellar nanomedicine in the diagnosis and treatment of cancer. *Mater Sci Eng C Mater Biol Appl*. 2021;126:112186. doi:10.1016/j.msec.2021.112186
11. Rafiyath SM, Rasul M, Lee B, et al. Comparison of safety and toxicity of liposomal doxorubicin vs. conventional anthracyclines: a meta-analysis. *Exp Hematol Oncol*. 2012;1:10. <https://doi.org/10.1186/2162-3619-1-10>
12. Shah S, Chougule MP, Kotha KH, et al. Nanomedicine based approaches for combating viral infections. *J Control Release*. 2021;338:80-104. doi:10.1016/j.jconrel.2021.08.011
13. Asrorov AM, Gu Z, Li F, et al. Biomimetic camouflage delivery strategies for cancer therapy. *Nanoscale*. 2021;13(19):8693-8706. doi:10.1039/d1nr01127h