

A. Nanomedicine:

1. Introduction and type of different nanostructures as modality of breast cancer therapeutics.
2. Physical and Chemical properties of nanostructures
3. Novel hybrid nanostructures in breast cancer nanomedicine

B. Theranostics:

4. Synergy between nanoparticles and breast cancer theranostics
5. Remotely stimulated Nano medicine for breast cancer therapy
6. Nanomedicine for early diagnosis of breast cancer
7. Nanomedicine strategies for chemoresistance breast cancer theranostics

C. Clinical Translation:

8. Cellular Interaction and Toxicity of Nanostructures
9. Nano-pharmacokinetics, pharmacodynamics (PK/PD) and clinical relationship
10. Breast Cancer Nanomedicine: Preclinical stage to clinical stage translation
11. Development in efficacy assessment in relevant oncology models for breast cancer nanomedicine
12. Consensus protocols for animal experimentation and nanomedicine trials at clinical stage in breast cancer
13. Current development in toxicity, clinical trials guidelines for regulatory aspects of breast cancer nanomedicines
14. Breast cancer market update and other industrial perspectives of nanomedicine
15. Conclusion on clinical progress of breast cancer nanomedicine and future directions