

Bioorganic Synthesis Of Cerium Oxide Nanoparticles as Drug Delivery System In Improving The Anticancer Effects of Free Trastuzumab in Treating Breast Cancer

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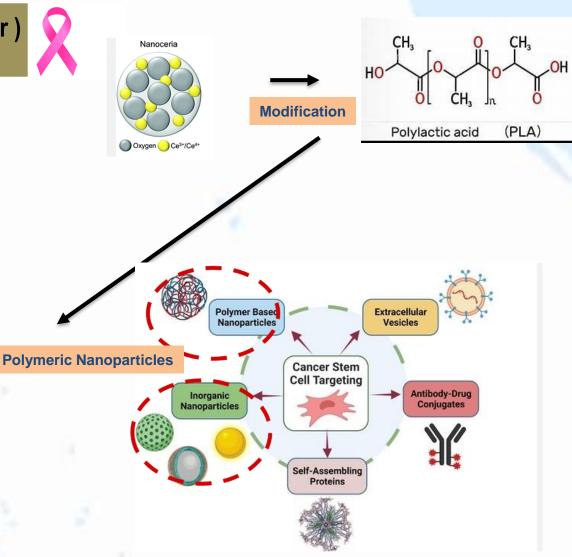
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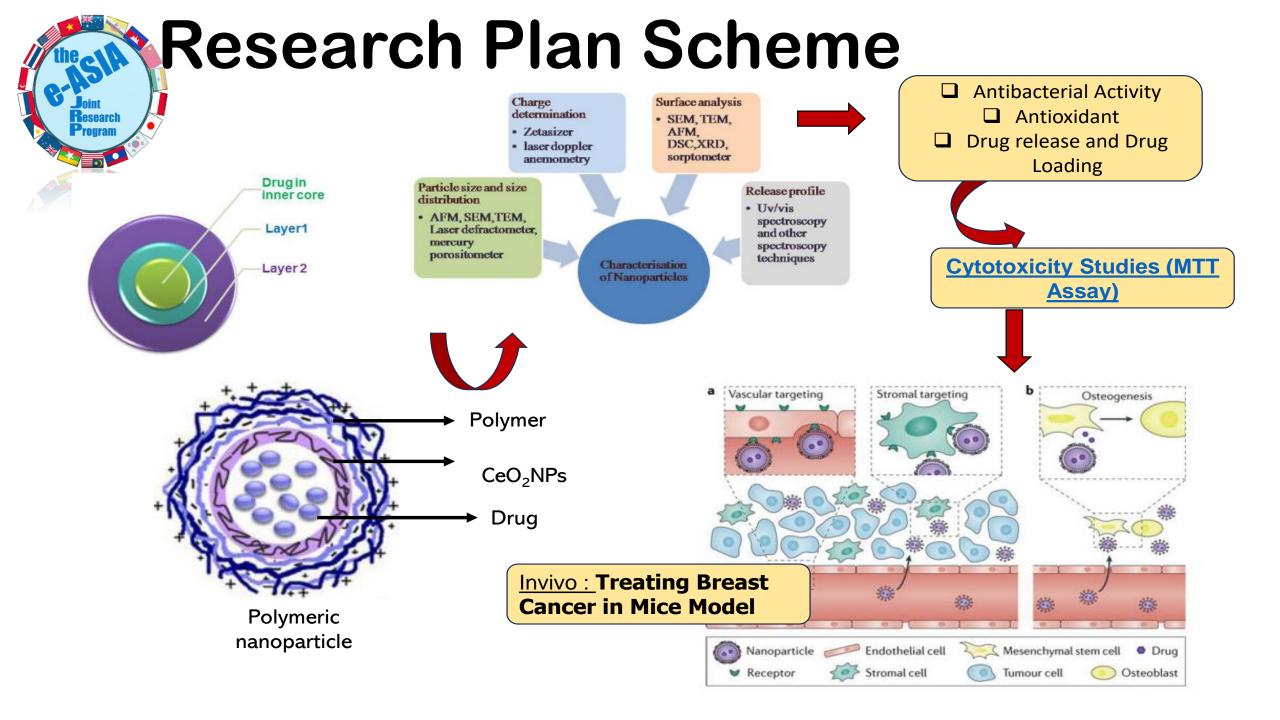


Health Research Schema

In the case of Chronic Disease (Breast Cancer)

- ☐ Breast cancer (BC) stands as the most prevalent malignancy among women globally.
- ☐ Presently, established cancer therapies for BC typically involve surgical interventions followed by either chemotherapy or radiotherapy.
- ☐ However, the efficacy of both chemotherapy and radiotherapy in treating BC is often hindered by the adverse effects on normal tissues and organs.
- ☐ In recent years, the exploration and synthesis of various nanoparticles (NPs)
- ☐ Consequently, NPs-mediated targeted drug delivery systems (DDS) have emerged as a promising technique for BC treatment.
- ☐ Cerium Oxide Nanoparticles (CeO₂NPs), in particular, exhibit unique properties that make them attractive for cancer treatment







Terima kasih