

Review: Organic nanoparticle based active targeting for photodynamic therapy treatment of breast cancer cells

SUPPLEMENTARY MATERIALS

Highlights

- Breast cancer is the most frequent carcinoma among women.
- Photodynamic therapy (PDT) comprises of laser irradiation, a photosensitizer and oxygen to obliterate cancer cells.
- PDT is an alternative modality for breast cancer treatment with reduced side effects.
- Functionalized organic nanoparticles has a potential role in PDT treatment of breast cancer.
- Multifunctionalized nanomaterials with active targeting moieties ameliorate tumour drug uptake.

Supplementary Table 1: Chemical structures and absorption wavelengths of various photosensitizers utilized for active targeted PDT treatment of breast cancer. See Supplementary Table 1

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