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LYMPHONANOCARRIERS FOR THE TREATMENT OF METASTATIC CANCER (LYMPHOTARG)

Inhibiting cancer cell invasion and metastasis has become a top priority in cancer research. The lymphatic system is particularly important for the process of cancer cell dispersion. The LYMPHOTARG project proposes to develop specifically targeted anticancer treatments, by associating anticancer drug to specific nanostructures composed of lipids and polymers, which have a specific affinity for the lymph nodes. In this way, we expect to prevent the process of metastatic spreading through lymphatic vessels. The final goal is to reach the preclinical evaluation stage with one of these novel nanocarrier systems.

