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(54) Title: TUMOR-TARGETED NANODELIVERY SYSTEMS TO IMPROVE EARLY MRI DETECTION OF CANCER

(57) Abstract: A method of making antibody- or antibody fragment-targeted immunoliposomes for the systemic delivery of molecules to treat and image diseases, including cancerous tumors, providing immunoliposomes and compositions, as well as methods of imaging various tissues. The liposome complexes are useful for encapsulation of imaging agents, for example, for use in magnetic resonance imaging. The specificity of the delivery system is derived from the targeting antibodies or antibody fragments.

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