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(54) Title: CLOSTRIDIUM BOTULINUM C3 EXOTRANSFERASE COMPOSITIONS AND METHODS FOR TREATING TUMOUR SPREADING

(57) Abstract: Pharmaceutical compositions, each consisting of a cell-permeable fusion protein conjugate of a polypeptidic cell-membrane transport moiety and a Clostridium botulinum C3 exotransferase unit, or a functional analog thereof, are provided. The compositions are useful to prevent or inhibit uncontrolled proliferation, spreading, and migration of a metastatic neoplastic cell of a cancer in a mammal. The compositions can each effect or arrest combination of two or more of tumor cell proliferation, migration, angiogenesis, and metalloproteinase secretion.



WO 2005/030248 A1