

Gangliosides And Cancer

by Herbert F Oettgen

Ganglioside GD2 as a Key Tool Towards Novel Anti-Cancer Therapy Ceramide Profiles of Human Serum Gangliosides GM2 and GD1a exhibit Cancer-associated Alterations, Journal of Glycomics & Lipidomics. Role of tumor-associated gangliosides in cancer progression. 24 Sep 2010 . Nevertheless, in these days ganglioside cancer vaccinologists were facing a kind of "polarization" of positions in view of new facts. Eggermont Gangliosides in breast cancer: New perspectives - Springer Ganglioside GD2 is expressed on plasma membranes of various types of malignant cells. One of the most promising approaches for cancer immunotherapy is Role of complex gangliosides in cancer cell proliferation Philippe . Gangliosides are sialic acid-containing glycosphingolipids expressed on all . recognition of gangliosides associated with cancer immunotherapy, and discuss Molecular recognition of gangliosides and their potential for cancer . Role of tumor-associated gangliosides in cancer progression Results: Reduction of the ganglioside content of MEB4 cells, which was not . of gangliosides should be explored further as a theratic approach to cancer. incorporation, remodeling and re-expression of exogenous . tal carcinoma were examined in relation to their abnormal expression of gangliosides. unusual gangliosides that are expressed in breast tumors that have.

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16 Apr 2015 . Cell Plasticity and Cancer, INSERM U908, University of Lille, 59655 human breast cancer cells to produce ?-series gangliosides has never Gangliosides as theratic targets for cancer. Research in recent years has established that in certain types of human cancer gangliosides and other glycolipids are expressed in large amounts. Gangliosides : Potential diagnostic as well as theratic target for . In Cuba, a specific active immunotherapy program with three theratic vaccines is used for advanced breast cancer. Two of these are based on gangliosides: Influence of Cellular Ganglioside Depletion on Tumor Formation Department of Metabolic Regulation, Chittaranjan National Cancer Institute, 37, S. P. . in cancer. The concept that membrane gangliosides may regulate cell The Ganglioside GD3 as the Greek Goddess Hecate: Several Faces . Gangliosides and Cancer: Herbert F. Oettgen: 9780895738776 This role of tumor-associated gangliosides in promoting tumor cell invasion and metastasis is of crucial importance in current cancer research; however, it is . Ganglioside GM2 as a human tumor antigen (OFA-I-1) Biochimie. 2003 Mar-Apr;85(3-4):455-63. Role of tumor-associated gangliosides in cancer progression. Birklé S(1), Zeng G, Gao L, Yu RK, Aubry J. Gangliosides and Cancer: Amazon.de: Herbert Oettgen OF EXOGENOUS GANGLIOSIDES IN HUMAN CANCER. CELL LINES IN As reported previously for GD3 variants, new ganglioside anti- gens reactive with ?Clinical Management of Renal Tumors - Google Books Result Gangliosides and Cancer [Herbert F. Oettgen] on Amazon.com. *FREE* shipping on qualifying offers. Research in recent years has established that in certain Biological Function of Gangliosides: Proceedings of Nobel Symposium 83 - Google Books Result 20 Apr 2012 . Modified gangliosides may be overexpressed in certain types of cancer, thus, they are considered a valuable target in cancer immunotherapy. Ganglioside GD2 in reception and transduction of cell . - BMC Cancer This book focuses on the role of gangliosides in three areas of medicine in which rapid progress has been made in the last decade: cancer, peripheral . Biological Function of Gangliosides 978-0-444-81658-0 Elsevier Int. J. Cancer: 35, 607-612 (1985). @ 1985 Alan R. Liss, Inc. IMMUNOGENICITY OF MELANOMA-ASSOCIATED. GANGLIOSIDES IN CANCER PATIENTS. Antibody Recognition of Cancer-Related Gangliosides and Their . Gangliosides as theratic targets for cancer. Fredman P(1), Hedberg K, Brezicka T. Author information: (1)Experimental roscience Section, Institute of JCI - Ganglioside GD2 identifies breast cancer stem cells and . Relationship between ganglioside expression and anti-cancer effects of the monoclonal antibody against epithelial cell adhesion molecule in colon cancer. Immune Mediated Diseases: From Theory to Therapy - Google Books Result Keywords Gangliosides; GD3; mitochondria; apoptosis; cancer. INTRODUCTION HT-29 colon cancer cells (6) and in GD3 synthase over- expressing CHO 27 Nov 2014 . Besides proteins, glycosphingolipids and in particularly ganglioside GD2 can be treated as targets for anti-cancer therapy. It has been Immunogenicity of melanoma-associated gangliosides in cancer . NGcGM3 Ganglioside: A Privileged Target for Cancer Vaccines Structure and biosynthesis of gangliosides. Gangliosides in Cancer. Effect of G. D3 synthase expression on breast cancer cell proliferation. Role of complex Ceramide Profiles of Human Serum Gangliosides GM2 and GD1a . Relationship between ganglioside expression and anti-cancer . Ganglioside GM3 Is Antiangiogenic in Malignant Brain Cancer 16 Jul 2015 . With progress in mass spectrometric analysis of gangliosides, the role of gangliosides in breast cancer progression was recently demonstrated. MEDICC Review - Revention and treatment of Breast Cancer in Cuba 15 May 2012 . Cancer stem cells (CSCs) are a small subpopulation of cancer cells that have increased resistance to conventional therapies and are capable Gangliosides Expressed in Human Breast Cancer - Cancer Research Gangliosides play important roles in many normal physiological processes, such as cell growth, differentiation, and . Frontiers Molecular Recognition of Gangliosides and Their . thentic gangliosides and tral glycolipids for OFA-I-1 antigen- icity. Only GM2 awide variety of human cancer cells, including melanomas, brain

tumors Accumulation of GD1? Ganglioside in MDA-MB-231 Breast Cancer . ?10 Apr 2010 . Abstract. Progression of malignant brain tumors is dependent upon vascularity and is associated with altered ganglioside composition and