Title (en)

USE OF RADIOLABELED MONOCLONAL IgM IN THERAPY FOR CANCER AND AUTOIMMUNE DISEASE

Title (de)

RADIOMARKIERTE MONOKLONES IGM ZÜR THERAPIE VON KREBS UND AUTOIMMUNKRANKHEIT

Title (fr)

IMMUNOGLOBULINE M MONOCLONALE RADIOMARQUEE DESTINEE AU TRAITEMENT DU CANCER ET D'UNE MALADIE AUTO-IMMUNE

Publication

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Application

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Abstract (en)

[origin: WO9936105A2] It has been discovered that large antibody aggregates or molecules, such as IgM or conjugated IgG or IgG fusion proteins, can be used to treat tumors by intracompartmental or intratumoral administration of anti-tumor antibody coupled to a toxin. The method can also be used in the treatment of certain disorders characterized by deposition of immune complex, for example, rheumatoid arthritis. In the preferred embodiment, the antibody is IgM and the toxin is a radioisotope, most preferably <111>In-labelled IgM or <90>Y-labelled IgM. Examples demonstrate effectiveness in mice models.

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IPC 8 full level

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