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(54) Title: IMMUNOTHERAPY FOR CHRONIC MYELOCYTIC LEUKEMIA

(57) Abstract: Immunotherapy utilizing naked anti-granulocyte antibodies provides an effective means for treating chronic myelocytic leukemia (CML). Such antibodies can be administered alone or in combination with other therapies, such as immunoconjugates or chemotherapeutics. In either format, an effective therapy for treating CML is provided, which avoids the toxic side-effects typically associated with cancer therapy. The disclosed immunotherapy also is effective for treating acute myelocytic leukemia (AML) when coadministered with inducing agents which induce expression of antigens minimally displayed on the surface of myeloblasts.