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(54) Title: DETECTION OF IMMUNOLOGICAL MEMORY, T-CELL CONJUGATES FOR PATHOLOGY IMAGING AND THERAPY

(57) Abstract: A method for detecting prior exposure of an individual mammal's immune system to an antigen associated with a pathological process comprises exposing T-cells to a complex antigen mixture, and detecting a pre-existing T-cell specificity for an unknown antigen in said complex antigen mixture. Labelled T-cells are then used to image the site of the pathology and T-cells conjugated to a cytotoxic agent or precursor are used to treat the pathology.