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(54) Title: METHODS FOR ACTIVATING, MODIFYING AND EXPANDING GAMMA DELTA T CELLS FOR THE TREATMENT OF CANCER AND RELATED MALIGNANCIES

(57) Abstract: The present disclosure relates to expansion and activation of T cells. In an aspect, the present disclosure relates to expansion and activation of γδ T cells that may be used for transgene expression. In another aspect, the disclosure relates to expansion and activation of γδ T cells while depleting α- and/or β-TCR positive cells. T cell populations comprising expanded γδ T cell and depleted or reduced α- and/or β-TCR positive cells are also provided for by the instant disclosure. The disclosure further provides for methods of using the disclosed T cell populations.