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(54) Title: TWO-DIMENSIONAL PROCESSES FOR THE EXPANSION OF TUMOR INFILTRATING LYMPHOCYTES AND THERAPIES THEREFROM

(57) Abstract: Provided herein are methods of producing TILs via (i) pre-REP expansion steps, (ii) co- culture with dendritic cells presenting tumor-specific antigens, (iii) co-culture with tumor- derived organoids, (iv) selection of tumor-reactive TILs, and (v) rapid expansion of said -tumor- reactive TILs, or combinations thereof. Resultant therapeutics and diagnostics are similarly disclosed.