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(54) Title: TIL EXPANSION FROM FINE NEEDLE ASPIRATES AND SMALL BIOPSIES

(57) Abstract: The present disclosure provides methods for expanding TIL populations from fine needle aspirates (FN As) or small biopsies which contain low numbers of TILs, using the methods disclosed herein including in a closed system that leads to improved phenotype and increased metabolic health of the TILs in a shorter time period.

WO 2019/100023 A1