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(54) Title: METHOD FOR GENERATING T CELL LINEAGE POPULATIONS FROM STEM/PROGENITOR CELLS

(57) Abstract: The present disclosure provides a method for generating a T cell lineage population from progenitor T cells. The method comprises culturing the progenitor cells in the presence of Notch signalling ligand, such as Delta-like-4 (DL4), provided on a surface area of at least 7 square centimetres per millilitre culture volume (7 cm^2/mL). Population of cells produced using the method are provided as well as methods of using same. Further provided is a method of differentiating a progenitor T cell population enriched for CD4-CD8+ TCRγδ+ cells comprising culturing progenitor T cells in the presence of Notch signalling ligand, such as DL4, provided on a surface area of 0.78 to 4.7 cm^2/mL.