NATURAL KILLER CELLS AND ILC3 CELLS AND USES THEREOF

ABSTRACT

Provided herein are methods of producing natural killer (NK) cells and/or ILC3 cells using a three-stage expansion and differentiation method with media comprising stem cell mobilizing factors. Also provided herein are methods of suppressing tumor cell proliferation using the NK cells and/or ILC3 cells and the NK cell and/or ILC3 cell populations produced by the three-stage methods described herein, as well as methods of treating individuals having cancer or a viral infection, comprising administering the NK cells and/or ILC3 cells and the NK cell and/or ILC3 cell populations produced by the three-stage methods described herein to an individual having the cancer or viral infection.

[Figure No. 1A]