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(54) Title: IMPROVED METHODS OF CELL CULTURE FOR ADOPTIVE CELL THERAPY

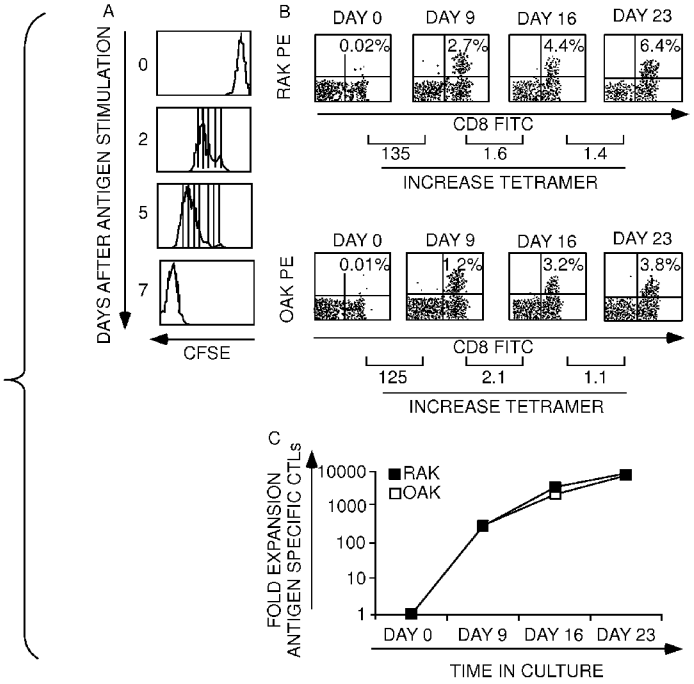


Fig. 1

(57) Abstract: An improved method of culturing cells for cell therapy applications that includes growing desired cells in the presence of antigen-presenting cells and/or feeder cells and with medium volume to surface area ratio of up to 1 ml/cm2 if the growth surface is not comprised of gas permeable material and up to 2 ml/cm2 if the growth surface is comprised of gas permeable material. The desired cells are at a surface density of less than 0.5x106 cells/cm2 at the onset of a production cycle, and the surface density of the desired cells plus the surface density of the antigen presenting cells and/or feeder cells are at least about 1.25 xlO5 cells/cm2.

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