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(54) Title: GENERATION OF CTL LINES WITH SPECIFICITY AGAINST MULTIPLE TUMOR ANTIGENS OR MULTIPLE VIRUSES

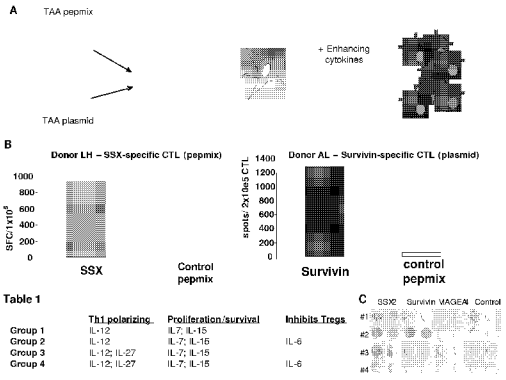


FIG. 1

(57) Abstract: The present invention encompasses methods and compositions for the generation and use of cytotoxic T lymphocytes that target multiple viruses or that are specific for multiple tumor antigens. In specific embodiments, the generation methods employ use of certain cytokines to promote proliferation and reduce cell death in an activated T cell population and/or that employ a particular bioreactor having a gas permeable membrane.

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