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(54) Title (EN): METHOD AND PREPARATION FOR SORTING OUT T EFFECTOR CELLS USING ANTI-CD127 ANTIBODIES FOR APPLICATIONS IN CELL THERAPY

(54) Title (FR): PROCÉDÉ ET PRÉPARATION PERMETTANT DE TRIER DES LYMPHOCYTES T EFFECTEURS À L'AIDE D'ANTICORPS ANTI-CD127 POUR DES APPLICATIONS EN THÉRAPIE CELLULAIRE

(57) Abstract:

(EN): The invention relates to methods and preparations for sorting out T effector cells from human leukocytes using anti-CD127 antibodies. Accordingly the invention relates to the use of anti-CD127 antibodies enabling discriminative depletion of subpopulations of Tregulatory cells expressing CD127+ at low levels in a population of human T lymphocytes in order to enable the use of the recovered selected cell preparations comprising essentially T effector cells as lymphocytes and preferably devoid of Tregulatory cells, for improved efficacy in particular when administered to a patient for therapy.

(FR): L'invention concerne des procédés et des préparations permettant de trier des lymphocytes T effecteurs à partir de leucocytes humains à l'aide d'anticorps anti-CD127. Par conséquent, l'invention concerne l'utilisation d'anticorps anti-CD127 permettant une déplétion discriminative de sous-populations de lymphocytes T régulateurs exprimant CD127+ à de faibles niveaux dans une population de lymphocytes T humains afin de permettre l'utilisation des préparations cellulaires sélectionnées récupérées comprenant essentiellement des lymphocytes T effecteurs en tant que lymphocytes et de préférence dépourvues de lymphocytes T régulateurs, pour une efficacité améliorée en particulier lorsqu'elle est administrée à un patient en vue d'une thérapie.

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