

Title (en)
METHODS FOR THE IDENTIFICATION AND PREPARATION OF REGULATOR/SUPPRESSOR T LYMPHOCYTES, COMPOSITIONS AND USES THEREOF

Title (de)
VERFAHREN ZUR IDENTIFIZIERUNG UND PRÄPARATION VON REGULATOR/SUPPRESSOR-T-LYMPHOZYTEN, ZUSAMMENSETZUNGEN UND VERWENDUNGEN DAVON

Title (fr)
METHODES D'IDENTIFICATION ET DE PREPARATION DE LYMPHOCYTES T REGULATEURS/SUPPRESSEURS, COMPOSITIONS ET UTILISATIONS

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Application
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Abstract (en)
[origin: CA2549394A1] The invention relates to the fields of biology, genetics and medicine. The invention describes methods and compositions enabling (1) the identification of suppressor T cells or lymphocytes (Ts) or the precursors thereof (pTs) for diagnostic and therapeutical purposes and for carrying out genomic and proteomic studies, i.e. for the identification of new markers and/or therapeutical targets for said cells; (2) the production of suppressor T cells or lymphocytes (Ts) or the precursors thereof (pTs) and/or the manipulations thereof in vivo or ex vivo for controlling various pathological conditions, including diseases associated with abnormal activity of effector and/or regulator lymphocytes. The invention relates to the preparation of said compositions based on Ts lymphocytes and pTs and to the use thereof in cell therapies. The compositions or cell populations based on the Ts lymphocytes and pTs obtained according to the invention are particularly suitable for the treatment of tumours, auto-immune diseases, allergies, graft-versus-host disease, graft versus infection effects (GVI) or graft-versus-leukemia effects (GVL), inflammatory diseases, type 1 diabetes, viral, bacterial or parasitic infections, for immune reconstruction or induction of tolerance in the event of transplantation of stem cells, tissue or organs in mammals.

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