

Title (en)

AUTOMATED SYSTEM FOR THE COMPARISON OF INDIVIDUAL GENOME, TRANSCRIPTOME, PROTEOME, EPIGENOME, AND METABOLOME DATA WITH DATA FROM BONEMARROW DONOR REGISTERS AND BLOOD BANKS, UMBILICAL CORD BLOOD BANKS, AND TISSUE BANKS

Title (de)

AUTOMATISIERTES SYSTEM ZUM VERGLEICH INDIVIDUELLER GENOM-, TRANSKRIPTOM-, PROTEOM-, EPIGENOM UND METABOLOMDATEN MIT DATEN AUS KNOCHENMARKSPENDER-REGISTERN UND BLUT, NABELSCHNURBLUT UND GEWEBEBANKEN

Title (fr)

SYSTÈME AUTOMATISÉ POUR COMPARER DES DONNÉES INDIVIDUELLES GÉNOMIQUES, TRANSCRIPTOMIQUES, PROTÉOMIQUES, ÉPIGÉNOMIQUES ET MÉTABOLOMIQUES AVEC DES DONNÉES PROVENANT DE REGISTRES DE DONNEURS DE MOELLE OSSEUSE ET DE BANQUES DE SANG, BANQUES DE SANG DE CORDON OMBILICAL ET BANQUES DE TISSUS

Publication

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Abstract (en)

[origin: WO2010089158A1] The invention relates to a system for automatically, rapidly, and dynamically finding biological cells for transplantation, treatment, or research purposes among collection centers or banks (storage places) and hospitals, transplant centers, or research facilities, monitoring and assisting with processes from the transmission of requests, the delivery of a cell preparation suitable for allogeneic transplantation, and the use of the found preparations to the monitoring of the results in the patient and making said data available for statistical and other purposes, and associating diagnostic molecular results of individuals in order to be able to verify transplant options from the inventory of registers or banks. For the first time, said system can propose complete solutions for specific and individual cases as transplants even in advance, online, and with automatic repetitions.

IPC 8 full level

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