

Title (en)

GENETICALLY ENGINEERED CELLS AND TISSUES

Title (de)

GENETISCH MANIPULIERTEN ZELLEN UND GEWEBE

Title (fr)

CELLULES GENETIQUEMENT MODIFIEES ET TISSUS

Publication

EP 1100548 A2 20010523 (EN)

Application

EP 99938808 A 19990728

Priority

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Abstract (en)

[origin: WO0006204A2] The present invention relates to cells genetically engineered to express a target gene in response to a given "environmental cue" or "stimulus", and their use for the production of three-dimensional tissues or injectable preparations which can be used in tissue repair, replacement or enhancement, and/or for the delivery of therapeutic gene products in vivo. In particular, the invention relates to cell and tissue bioreactors that are engineered to express a target gene product, which acts as a reporter of a chosen physiological condition, augments deficient or defective expression of a gene product or provides an anti-viral, anti-bacterial, anti-microbial, or anti-cancer activity in response to a given "environmental cue" or "stimulus".

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A61K 48/00; **C12N 5/10**

IPC 8 full level

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