

Title (en)  
METHOD FOR GENERATING IMMUNE-COMPATIBLE CELLS AND TISSUES USING NUCLEAR TRANSFER TECHNIQUES

Title (de)  
VERFAHREN ZUR ERZEUGUNG VON IMMUNKOMPATIBLEN ZELLEN UND GEWEBEN UNTER VERWENDUNG VON NUKLEÄREN TRANSFERTECHNIKEN

Title (fr)  
PROCEDE DESTINE A PRODUIRE DES CELLULES ET DES TISSUS IMMUNOCOMPATIBLES PAR TECHNIQUES DE TRANSFERT NUCLEAIRE

Publication  
**EP 1214403 A4 20050309 (EN)**

Application  
**EP 00964946 A 20000906**

Priority  
• US 0024398 W 20000906  
• US 15235499 P 19990907  
• US 15510799 P 19990922

Abstract (en)  
[origin: WO0118193A1] This invention relates to methods for making immune compatible tissues and cells for the purpose of transplantation and tissue engineering, using the techniques of nuclear transfer and cloning. Also encompassed are methods for determining the effect on immune compatibility of expressed transgenes and other genetic manipulations of the engineered cells and tissues.

IPC 1-7  
**C12N 15/00**; **C12N 15/09**; **C12N 15/63**; **C12N 5/00**

IPC 8 full level  
**A01K 67/027** (2006.01); **A61K 31/711** (2006.01); **A61K 35/23** (2006.01); **A61K 35/30** (2006.01); **A61K 35/34** (2006.01); **A61K 35/36** (2006.01); **A61K 48/00** (2006.01); **C07K 16/30** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/02** (2006.01); **G01N 33/53** (2006.01); **A61K 35/12** (2015.01)

CPC (source: EP)  
**A01K 67/0271** (2013.01); **A61K 35/12** (2013.01); **C12N 2517/04** (2013.01)

Citation (search report)  
• [PX] WO 9955841 A2 19991104 - UNIV EDINBURGH [GB], et al  
• [E] WO 0118236 A1 20010315 - ADVANCED CELL TECH INC [US], et al  
• [E] WO 0119977 A1 20010322 - UNIV MASSACHUSETTS [US], et al  
• [T] WO 0129206 A1 20010426 - ADVANCED CELL TECH INC [US], et al  
• [A] THOMSON J A ET AL: "EMBRYONIC STEM CELL LINES DERIVED FROM HUMAN BLASTOCYSTS", SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE., US, vol. 282, 6 November 1998 (1998-11-06), pages 1145 - 1147, XP002121340, ISSN: 0036-8075  
• [DA] ANDERSON G B ET AL: "DEVELOPMENT OF BOVINE AND PORCINE EMBRYONIC TERATOMAS IN ATHYMIC MICE", ANIMAL REPRODUCTION SCIENCE, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 45, no. 3, 1996, pages 231 - 240, XP001019645, ISSN: 0378-4320  
• [A] LANZA R P ET AL: "HUMAN THERAPEUTIC CLONING", NATURE MEDICINE, NATURE PUBLISHING, CO, US, vol. 5, no. 9, September 1999 (1999-09-01), pages 975 - 977, XP000978948, ISSN: 1078-8956  
• [A] CIBELLI J B ET AL: "TRANSGENIC BOVINE CHIMERIC OFFSPRING PRODUCED FROM SOMATIC CELL-DERIVED STEM-LIKE CELLS", NATURE BIOTECHNOLOGY, NATURE PUBLISHING, US, vol. 16, no. 7, July 1998 (1998-07-01), pages 642 - 646, XP001018987, ISSN: 1087-0156  
• See references of WO 0118193A1

Citation (examination)  
• TROUNSON A ET AL: "POTENTIAL BENEFITS OF CELL CLONING FOR HUMAN MEDICINE", REPRODUCTION, FERTILITY AND DEVELOPMENT, CSIRO, EAST MELBOURNE, AU LNKD- DOI:10.1071/R98042, vol. 10, 1 January 1998 (1998-01-01), pages 121 - 125, XP000952550, ISSN: 1031-3613  
• MAYOR S: "UK authorities recommend human cloning for therapeutic research", BMJ, vol. 317, no. 7173, 12 December 1998 (1998-12-12), pages 1613, ISSN: 0959-8138

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0118193 A1 20010315**; AU 2008261167 A1 20090115; AU 7575500 A 20010410; AU 783162 B2 20050929; BR 0011905 A 20030708; CA 2383776 A1 20010315; CN 1376196 A 20021023; EP 1214403 A1 20020619; EP 1214403 A4 20050309; IL 148418 A0 20020912; JP 2003509028 A 20030311; MX PA02002444 A 20040716; NZ 536786 A 20060929

DOCDB simple family (application)  
**US 0024398 W 20000906**; AU 2008261167 A 20081222; AU 7575500 A 20000906; BR 0011905 A 20000906; CA 2383776 A 20000906; CN 00813394 A 20000906; EP 00964946 A 20000906; IL 14841800 A 20000906; JP 2001522404 A 20000906; MX PA02002444 A 20000906; NZ 53678600 A 20000906