

Title (en)
INTRACELLULAR IMMUNIZATION

Title (de)
INTRAZELLULÄRE IMMUNISIERUNG

Title (fr)
IMMUNISATION INTRACELLULAIRE

Publication
EP 0721350 A4 19990811 (EN)

Application
EP 94925693 A 19940728

Priority
• US 9408448 W 19940728
• US 9987093 A 19930730

Abstract (en)
[origin: WO9503832A1] A method for conducting gene therapy is provided. The therapy involves using a recombinant gene that encodes an antibody that binds an antigen associated with a disease. The invention is in particular useful in providing cells with "immunity" against intracellular pathogens. Novel vectors and cell lines also are provided.

IPC 1-7
A61K 48/00; **C12N 5/10**; **C12N 15/13**; **C12N 15/85**; **C12N 15/86**

IPC 8 full level
C12N 15/09 (2006.01); **A61K 31/70** (2006.01); **A61K 39/395** (2006.01); **A61K 48/00** (2006.01); **C07K 16/00** (2006.01); **C07K 16/10** (2006.01); **C12N 5/10** (2006.01); **C12N 15/13** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)
C07K 16/00 (2013.01); **C07K 16/1072** (2013.01); **A61K 38/00** (2013.01); **A61K 48/00** (2013.01); **C07K 2317/21** (2013.01); **C07K 2317/34** (2013.01); **C07K 2317/55** (2013.01); **C07K 2317/622** (2013.01); **C07K 2317/76** (2013.01); **C07K 2317/92** (2013.01)

Citation (search report)
• [PX] WO 9402610 A1 19940203 - DANA FARBER CANCER INST INC [US], et al
• [A] FEINBERG M B ET AL: "INTRACELLULAR IMMUNIZATION: TRANS-DOMINANT MUTANTS OF HIV GENE PRODUCTS AS TOOLS FOR THE STUDY AND INTERRUPTION OF VIRAL REPLICATION", AIDS RESEARCH AND HUMAN RETROVIRUSES, vol. 8, no. 6, 1 June 1992 (1992-06-01), pages 1013 - 1022, XP000199752
• [PX] MARASCO WA ET AL.: "Design, intracellular expression, and activity of a human anti-human immunodeficiency virus type 1 gp120 single-chain antibody", PNAS, vol. 90, no. 16, 15 August 1993 (1993-08-15), pages 7889 - 93, XP000389696
• See references of WO 9503832A1

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