

Title (en)

DISEASE PREVENTION AND VACCINATION FOLLOWING THYMIC REACTIVATION

Title (de)

KRANKHEITSVORBEUGUNG UND IMPFUNG NACH THYMUSREAKTIVIERUNG

Title (fr)

PRVENTION CONTRE UNE MALADIE ET VACCINATION APRES REACTIVATION THYMIQUE

Publication

**EP 1620545 A4 20070704 (EN)**

Application

**EP 04759971 A 20040419**

Priority

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- US 41906803 A 20030418
- US 41906603 A 20030418
- US 41872703 A 20030418
- US 41874703 A 20030418
- US 52700103 P 20031205
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- US 74911803 A 20031230
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- US 74845003 A 20031230

Abstract (en)

[origin: WO2004094599A2] The present disclosure provides methods for preventing or treating illness, improving responsiveness to immunization, and improving the efficacy of gene therapy in a patient, by disrupting sex steroid mediated signaling and reactivating the patient's thymus. In some embodiments, the patient's thymus is reactivated by interruption or ablation of sex steroid mediated signaling by the administration of LHRH agonists, LHRH antagonists, anti-LHRH receptor antibodies, anti-LHRH vaccines, anti-androgens, anti-estrogens, selective estrogen receptor modulators (SERMs), selective androgen receptor modulators (SARMs), selective progesterone response modulators (SPRMs), ERDs, aromatase inhibitors, or various combinations thereof.

IPC 8 full level

**A01N 25/00** (2006.01); **A61K 31/00** (2006.01); **A61K 35/14** (2006.01); **A61K 35/26** (2006.01); **A61K 35/28** (2015.01); **A61K 35/36** (2015.01); **A61K 38/18** (2006.01); **A61K 38/20** (2006.01); **A61K 39/00** (2006.01); **A61K 39/38** (2006.01); **A61K 45/06** (2006.01); **A61K 48/00** (2006.01); **A61P 31/00** (2006.01); **A61P 31/12** (2006.01); **A61P 31/18** (2006.01); **A61P 37/00** (2006.01); **A61P 37/04** (2006.01); **A61P 37/06** (2006.01); **C12N 5/02** (2006.01); **F22B 7/04** (2006.01)

IPC 8 main group level

**A61K** (2006.01); **C12N** (2006.01)

CPC (source: EP KR)

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C-Set (source: EP)

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5. **A61K 38/09 + A61K 2300/00**
6. **A61K 38/1825 + A61K 2300/00**

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DOCDB simple family (publication)

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EP 1620126 A2 20060201; EP 1620126 A4 20070704; EP 1620545 A2 20060201; EP 1620545 A4 20070704; JP 2007518699 A 20070712;  
KR 20060022232 A 20060309; WO 2004103271 A2 20041202; WO 2004103271 A3 20051124

DOCDB simple family (application)

**US 2004011913 W 20040419;** AU 2004241949 A 20040419; CA 2528521 A 20040419; EP 04759971 A 20040419; EP 04785486 A 20040419;  
JP 2006532426 A 20040419; KR 20057019858 A 20051018; US 2004011921 W 20040419