

Title (en)  
DISEASE PREVENTION AND VACCINATION PRIOR TO THYMIC REACTIVATIONS

Title (de)  
PRÄVENTION VON ERKRANKUNGEN UND VAKZINATION VOR THYMUS-REAKTIVIERUNGEN

Title (fr)  
PREVENTION DE MALADIES ET VACCINATION AVANT REACTIVATION THYMIQUE

Publication  
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Application  
**EP 04785486 A 20040419**

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- US 41872703 A 20030418
- US 41874703 A 20030418
- US 52700103 P 20031205
- US 74883103 A 20031230
- US 74912203 A 20031230
- US 74911803 A 20031230
- 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  
**A61K 39/00** (2006.01); **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 39/38** (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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5. **A61K 38/09 + A61K 2300/00**  
6. **A61K 38/1825 + A61K 2300/00**

Citation (search report)

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- [E] WO 2004094988 A2 20041104 - NORWOOD IMMUNOLOGY LTD [AU], et al & BLOOD, vol. 100, no. 11, 16 November 2002 (2002-11-16), 44TH ANNUAL MEETING OF THE AMERICAN SOCIETY OF HEMATOLOGY; PHILADELPHIA, PA, USA; DECEMBER 06-10, 2002, pages Abstract No. 1578, ISSN: 0006-4971 & BLOOD, vol. 102, no. 11, 16 November 2003 (2003-11-16), 45TH ANNUAL MEETING OF THE AMERICAN SOCIETY OF HEMATOLOGY; SAN DIEGO, CA, USA; DECEMBER 06-09, 2003, pages 527a, ISSN: 0006-4971
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- [PX] DATABASE BIOSIS [online] BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 16 November 2003 (2003-11-16), SUTHERLAND JAYNE S ET AL: "Sex steroid ablation therapy enhances hemopoiesis and lymphopoiesis following allogeneic and autologous peripheral blood stem cell transplantation.", XP002431953, Database accession no. PREV200400147250

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