

Title (en)  
STRUCTURE BASED AND COMBINATORIALLY SELECTED OLIGONUCLEOSIDE PHOSPHOROTHIOATE AND PHOSPHORODITHIOATE  
APTAMER TARGETING AP-1 TRANSCRIPTION FACTORS

Title (de)  
STRUKTURBASIERTE UND KOMBINATORISCH AUSGEWÄHLTE OLIGONUCLEOSID-PHOSPHOROTHIOAT UND PHOSPHORODITHIOAT  
APTAMER TARGETING AP-1 TRANSKRIPTIONSFAKTOREN

Title (fr)  
APTAMERE A OLIGONUCLEOSIDE PHOSPHOROTHIOATE ET PHOSPHORODITHIOATE SELECTIONNE DE MANIERE COMBINATOIRE ET  
SELON LA STRUCTURE POUR LE CIBLAGE DES FACTEURS DE TRANSCRIPTION AP-1

Publication  
**EP 1667729 A4 20071017 (EN)**

Application  
**EP 04776088 A 20040520**

Priority  
• US 2004016246 W 20040520  
• US 47288803 P 20030523

Abstract (en)  
[origin: WO2005018537A2] The present invention includes composition and methods for making and using a combinatorial library to identify modified thioaptamers that bind to, and affect the innate response of a host animal, transcription factors such as IL-6, NF-kB, AP-1 and the like. Composition and methods are also provided for the treatment of viral infections, as well as, vaccines and vaccine adjuvants are provided that modify host immune responses.

IPC 8 full level  
**A61K 48/00** (2006.01); **C12N 15/11** (2006.01); **C12N 15/113** (2010.01); **C12N 15/115** (2010.01)

IPC 8 main group level  
**A61K** (2006.01)

CPC (source: EP)  
**C12N 15/111** (2013.01); **C12N 15/113** (2013.01); **C12N 15/115** (2013.01); **A61K 2039/55561** (2013.01); **C12N 2310/13** (2013.01); **C12N 2310/16** (2013.01); **C12N 2310/315** (2013.01); **C12N 2310/51** (2013.01); **C12N 2320/11** (2013.01); **C12N 2330/31** (2013.01); **C12N 2760/12211** (2013.01); **Y02A 50/30** (2018.01)

Citation (search report)  
• [PX] WO 2004026260 A2 20040401 - ARCHEMIX CORP [US], et al  
• [E] WO 2005003291 A2 20050113 - UNIV TEXAS [US]  
• [E] WO 2005032455 A2 20050414 - REGENTS BOARD OF [US], et al  
• [E] WO 2005037053 A2 20050428 - UNIV TEXAS [US], et al  
• [A] KING DAVID J ET AL: "COMBINATORIAL SELECTION AND BINDING OF PHOSPHOROTHIOATE APTAMERS TARGETING HUMAN NF-KAPPA B RELA(P65) AND P50", BIOCHEMISTRY, AMERICAN CHEMICAL SOCIETY. EASTON, PA, US, vol. 41, no. 30, 30 July 2002 (2002-07-30), pages 9696 - 9706, XP009084286, ISSN: 0006-2960

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005018537 A2 20050303; WO 2005018537 A3 20050526; CA 2526853 A1 20050303; EP 1667729 A2 20060614; EP 1667729 A4 20071017**

DOCDB simple family (application)  
**US 2004016246 W 20040520; CA 2526853 A 20040520; EP 04776088 A 20040520**