

Title (en)  
INHIBITION OF APOPTOSIS-SPECIFIC EIF-5A ( EIF-5A1) WITH ANTISENSE OLIGONUCLEOTIDES AND siRNAs AS ANTI-INFLAMMATORY THERAPEUTICS

Title (de)  
HEMMUNG VON APOPTOSESPEZIFISCHEM EIF-5A (EIF-5A1) MIT ANTISENSE-OLIGONUKLEOTIDEN UND SIRNAS ALS ANTIINFLAMMATORISCHE THERAPEUTIKA

Title (fr)  
INHIBITION D'EIF-5A SPECIFIQUE DE L'APOPTOSE ("EIF-5A1") AU MOYEN D'OLIGONUCLEOTIDES ANTISENS ET DE PETITS ARN INTERFERENTS UTILISES COMME AGENTS THERAPEUTIQUES ANTI-INFLAMMATOIRES

Publication  
**EP 1636364 A2 20060322 (EN)**

Application  
**EP 04785931 A 20040607**

Priority  
• US 2004018012 W 20040607  
• US 47619403 P 20030606  
• US 50473103 P 20030922  
• US 52824903 P 20031210  
• US 55767104 P 20040331  
• US 57581404 P 20040602

Abstract (en)  
[origin: WO2005007853A2] The present invention relates to apoptosis specific eucaryotic initiation factor 5A (eIF-5A), referred to as apoptosis-specific eIF-5A or eIF5A1, nucleic acids and polypeptides and methods for inhibiting or suppressing apoptosis in cells using antisense nucleotides or siRNAs to inhibit expression of apoptosis-specific eIF-5A. The invention also relates to suppressing or inhibiting expression of pro-inflammatory cytokines or inhibiting expression of pro-inflammatory cytokines or inhibiting activation of NFkB by inhibiting expression of apoptosis-specific eIF-5A.

IPC 1-7  
**C12N 15/11**; **A61K 31/713**; **A61P 27/00**; **A61P 37/00**

IPC 8 full level  
**C12N 15/113** (2010.01); **A61K 38/00** (2006.01)

CPC (source: EP KR)  
**A61K 31/713** (2013.01 - KR); **A61P 27/00** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C12N 15/113** (2013.01 - EP KR); **A61K 38/00** (2013.01 - EP); **C12N 2310/11** (2013.01 - EP); **C12N 2310/111** (2013.01 - EP); **C12N 2310/14** (2013.01 - EP); **C12N 2310/53** (2013.01 - EP)

Citation (search report)  
See references of WO 2005007853A2

Citation (examination)  
ZHANG XUCHEN ET AL: "Small interfering RNA targeting heme oxygenase-1 enhances ischemia-reperfusion-induced lung apoptosis", JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 279, no. 11, 18 December 2003 (2003-12-18), pages 10677 - 10684, XP002343181, ISSN: 0021-9258, DOI: 10.1074/JBC.M312941200

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 2005007853 A2 20050127**; **WO 2005007853 A3 20051027**; AU 2004258070 A1 20050127; AU 2004258070 B2 20081211; CA 2528372 A1 20050127; EP 1636364 A2 20060322; IL 172365 A0 20060410; JP 2006526989 A 20061130; JP 5666074 B2 20150212; KR 20060013428 A 20060209; NZ 544159 A 20090430; NZ 574973 A 20101029; TW 200512293 A 20050401

DOCDB simple family (application)  
**US 2004018012 W 20040607**; AU 2004258070 A 20040607; CA 2528372 A 20040607; EP 04785931 A 20040607; IL 17236505 A 20051205; JP 2006515257 A 20040607; KR 20057023388 A 20051206; NZ 54415904 A 20040607; NZ 57497304 A 20040607; TW 93116334 A 20040607