

Title (en)  
ANTI-HEPATITIS B VIRAL OLIGONUCLEOTIDES

Title (de)  
VIRALE ANTI-HEPATITIS B OLIGONUKLEOTIDE

Title (fr)  
OLIGONUCLEOTIDES ANTI-HBV

Publication  
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Application  
**EP 95903626 A 19941201**

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Abstract (en)  
[origin: WO9517414A1] The invention relates to methods and compositions for inhibition of viral replication. In particular, complete and irreversible termination of replication of hepatitis B virus is achieved by introducing into a target cell an oligonucleotide complementary to HBV plus strand and 5' and 3' flanking nucleotides.

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Citation (search report)  
• [AD] W-B. OFFENSBERGER ET AL.: "In vivo inhibition of duck hepatitis B virus replication and gene expression by phosphorothioate modified antisense oligodeoxynucleotides.", EMBO J., vol. 12, no. 3, 1993, pages 1257 - 1262, XP000604664  
• [AD] D. GANEM ET AL.: "The molecular biology of the hepatitis B viruses", ANNUAL REVIEW OF BIOCHEMISTRY, vol. 56, 1987, pages 651 - 93, XP000672175  
• [AD] C. SEEGER ET AL.: "Biochemical and genetic evidence for the Hepatitis B virus replication strategy", SCIENCE, vol. 232, no. 4749, 25 April 1986 (1986-04-25), pages 477 - 484, XP000672129  
• See references of WO 9517414A1

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