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Columns: REVIEW

Current and future antiviral drug therapies of hepatitis B chronic infection

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### Abstract

Despite significant improvement in the management of chronic hepatitis B virus (HBV) it remains a public health problem, affecting more than 350 million people worldwide. The natural course of the infection is dynamic and involves a complex interplay between the virus and the host's immune system. Currently the approved therapeutic regimens include pegylated-interferon (IFN)  $\alpha$  and monotherapy with five nucleos(t)ide analogues (NAs). Both antiviral treatments are not capable to eliminate the virus and do not establish long-term control of infection after treatment with several IFN therapies is of finite duration and

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