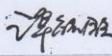


## Medical Ethics Committee Of The First Hospital of Jilin University

### Approval For Clinical Trials

NO (2015-232)

Name	Association between Polymorphisms of the APOBEC3s Gene and Chronic Hepatitis B Viral (HBV) Infection and HBV-related Hepatocellular Carcinoma (HCC)				
Funding Sources	The National Natural Science Foundation of China	Department	The Department of Geriatrics		
Type	Youth Science Foundation	Responsible person	Xiuting He		
Abstract of application content	<p>Hepatitis B viral (HBV) infection is one of the most common infectious diseases of global public health concern. Though great progress has been made in the therapy of chronic Hepatitis B, but it is hard to cure. APOBEC3s are dominant cytidine deaminase that strongly inhibits synthesis and editing of hepatitis B viral (HBV) DNA in vivo. They are components of innate immunity that play an important role in defending against invading viruses. Studies have shown that APOBEC3 induced by interferon can promote the degradation of cccDNA. The goal of this study was to evaluate the association of five APOBEC3s single nucleotide polymorphisms (SNPs) with the development of chronic HBV and HBV-related HCC in a Chinese Han population. The association study was designed as a retrospective study, including 657 patients with chronic HBV infection and 299 healthy controls. All subjects were recruited between 2012 and 2015 at The First Hospital of Jilin University, and human genomic DNA was extracted from whole blood. This study will be proceeded under the informed consent of the subjects, and will not increase the subjects' physical and economic burden.</p>				
Opinion	Agree	Agree after modification	Retrial after modification	Disagree	Cancel or Pause
	✓				
	Others:				
Signature from Chairman of Committee			Date		