

## Accepted Manuscript

Title: PD-1 mRNA expression is associated with clinical and viral profile and *PD1* 3'-untranslated region polymorphism in patients with chronic HBV infection

Author: Guoyu Zhang Na Li Pingping Zhang Fang Li Cuiling  
Yang Qianqian Zhu Qunying Han Yi Lv Zhihua Zhou  
Zhengwen Liu



PII: S0165-2478(14)00189-8  
DOI: <http://dx.doi.org/doi:10.1016/j.imlet.2014.09.001>  
Reference: IMLET 5581

To appear in: *Immunology Letters*

Received date: 2-5-2014  
Revised date: 7-8-2014  
Accepted date: 1-9-2014

Please cite this article as: Zhang G, Li N, Zhang P, Li F, Yang C, Zhu Q, Han Q, Lv Y, Zhou Z, Liu Z, PD-1 mRNA expression is associated with clinical and viral profile and *PD1* 3'-untranslated region polymorphism in patients with chronic HBV infection, *Immunology Letters* (2014), <http://dx.doi.org/10.1016/j.imlet.2014.09.001>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## Highlights

- ▶ Associations of PD-1 mRNA with clinical profile and rs10204525 genotypes of *PD1* 3' UTR in HBV infection were investigated.
- ▶ PD-1 mRNA levels were found to be associated with HBeAg status and HBV DNA levels.
- ▶ PD-1 mRNA levels were sequentially decreased from rs10204525 genotypes AA, AG to GG in HBV patients.
- ▶ Increased PD-1 expression may affect the disease course of chronic HBV infection by facilitating HBV viral replication.
- ▶ The role of PD-1 in HBV infection may at least partially relate to *PD1* 3' UTR polymorphism.

Download English Version:

<https://daneshyari.com/en/article/6117213>

Download Persian Version:

<https://daneshyari.com/article/6117213>

[Daneshyari.com](https://daneshyari.com)