

Special Issue

The Interaction between Host Immunity and Hepatitis B Virus Infection

Message from the Guest Editor

Hepatitis B virus (HBV) infection is the major cause of chronic hepatitis, liver cirrhosis, and hepatocellular carcinoma. Both host and viral factors are involved in the pathogenesis of HBV infection. Host immune responses to HBV, including innate and adaptive immunity are responsible for HBV control and clearance. Functional cure of HBV, indicating loss of HBV surface antigen (HBsAg) is a treatment goal for chronic HBV infection, that requiring effective host immunity against HBV. In this special issue of IJMS, original articles or systemic reviews related to host-viral (HBV) interaction are highly welcome, such as strategies to break the immune tolerance in chronic hepatitis B; synergy of innate and adaptive immunity for chronic hepatitis B infection, novel immunotherapeutic methods to achieve functional cure of HBV; update of HBV reactivation risk and mechanism associated with immunosuppressant, or biologics treatment in HBsAg positive or negative patients. Keywords:

- HBV reactivation
- biologics
- immunosuppressive treatment
- innate immunity
- adaptive immunity
- HBsAg reverse seroconversion

Guest Editor

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