



BioMed Research International

Special Issue on
Liver Inflammation and Repair: The Role of Immune Cells and Cytokines

CALL FOR PAPERS

Liver inflammation is a great harm to human health. It mainly includes autoimmune hepatitis, viral hepatitis, drug induced hepatitis, and alcoholic and nonalcoholic steatohepatitis. Liver tissue damage is accompanied by spontaneous liver repair, and such processes may eventually lead to liver cirrhosis or hepatocellular carcinoma (HCC). A series of immune cells (such as NKT cells, NK cells, Th17 cells, Th22 cells, DCs, and Treg cells), cytokines (such as IL-6, IL-22, IL-33, TGF- β , and TNF- α), growth factors (PDGF, FGF, and HGF), collagen-producing cells (such as hepatic stellate cells and fibroblasts), and other cells (such as biliary epithelial cells and oval cells) orchestrate each other and contribute to liver inflammation and repair.

We invite investigators to contribute original research articles as well as review articles that seek to address the mechanisms and significance of liver inflammation and repair. A particular interest will be given to papers exploring or discussing the function of immune cells in liver inflammation and repair with a specific emphasis on NKT cells, Th17 cells, and DC.

Potential topics include, but are not limited to:

- ▶ The role of altered immune cells (such as in frequencies, distribution, and functions) in liver diseases, such as hepatitis, liver failure, liver cirrhosis, and HCC: studies in animal models and their relevance to human pathologies
- ▶ Importance and significance of immune cells and cytokines in the pathogenesis of liver inflammation and repair. Hepatitis C and inflammation: correlations with metabolic liver diseases
- ▶ Molecular and cellular regulatory mechanism among the immune cells, collagen-producing cells, biliary epithelial cells, and oval cells in the pathogenesis of liver inflammation and repair. Effect of immune cells on extracellular matrix composition
- ▶ Biomarkers to evaluate the severity of liver damage and predict the prognosis of liver disease
- ▶ Potential therapeutic implications of targeting immune cells for the treatment of hepatitis, liver cirrhosis, and HCC

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/bmri/hepatology/lir/>.

Lead Guest Editor

Hongyan Diao, Zhejiang University, Hangzhou, China
diaohy@zju.edu.cn

Guest Editors

Ming D. Li, University of Virginia, Virginia, USA
ml2km@virginia.edu

Kazuya Iwabuchi, Kitasato University, Sagamihara, Japan
akimari@kitasato-u.ac.jp

Junliang Fu, Beijing 302 Hospital, Beijing, China
fjunliang@163.com

Masashi Kohanawa, Hokkaido University, Sapporo, Japan
kohanawa@med.hokudai.ac.jp

Manuscript Due

Friday, 24 June 2016

First Round of Reviews

Friday, 16 September 2016

Publication Date

Friday, 11 November 2016