

Response of Reviewer's Comments

Name of Journal: World Journal of Gastroenterology

Manuscript NO: 53944

Manuscript Type: MINIREVIEW

Regulation of Macrophage Activation in the Liver after Acute Injury: Role of the Fibrinolytic System

Katherine Roth, Jenna Strickland, and Bryan L. Copple

Reviewer Comments and Response

Changes made to the manuscript are highlighted in **yellow**.

Comment 1. Some figures are recommended to illustrate the mechanism of regulation specific macrophage functions during repair.

Response: We added an additional figure to show the specific effects of plasmin on macrophage function during liver repair.

Comment 2. The author highlights the function and role of hepatic macrophage in repair, I recommend the author can describe this process with different sub-heading.

Response: We decided to divide this discussion into Kupffer cell- and monocyte-derived macrophage-specific functions. The reason for this is that there are distinct differences between the effects of plasmin on these 2 macrophage populations.

Comment 3. Some references are out of date. I would suggest the author can update some references.

Response: We added additional references from studies published in the last year that are relevant to the content of the review. Some of the references are older because we were careful to cite the original study.