Reviewer’s report

Title: Carbon monoxide-Releasing Molecule-2 (CORM-2) attenuates acute hepatic ischemia reperfusion injury in rats

Version: 2 Date: 9 March 2010

Reviewer: Bingwei Sun

Reviewer’s report:

In this manuscript the authors describe the effect of a CO-releasing substance on hepatic I/Ri in a rat model. The authors study the serum damage markers AST and ALT, liver histology score, TUNEL-scoring of apoptotic cells, NF-κB-activity in nuclear liver extracts, and hepatic neutrophil infiltration. They also monitor the change of serum levels of pro-inflammatory cytokines TNF-α and IL-6. This study seems to be well performed, the methods are adequate. The reason for the study seems sound. The conclusions seem to be relevant and the literature covers the subject. If it is felt to be within the remit of the BMC Gastroenterology, my recommendation would be to accept without further revision.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.