Reviewer's report

Title: 1 MAC Isoflurane Preconditioning Induce Protective Effects of Heme oxygenase-1 on Hepatic Ischemia Reperfusion in Rats

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Reviewer: Pronobesh Chattopadhyay

Reviewer's report:

Xin et al, shows novelty of Isoflurane Preconditioning anesthesia and Heme oxygenase-1 relationship. Though prolong surgery Isoflurane is not recommended because slow recovery rate. However the finding is novel and is suitable for publication. I will be convinced and the paper may give good look if the authors are followed this suggestion.

1. The authors should mention the HO-1 activity in ischemia followed reperfusion. Introduction should be start with HO-1
2. Ischemia followed reperfusion should be noted uniformly IR or I/R through out the paper.
3. The authors also suggested the IL-6 and IL-10 level along with neutrophil accumulation.
4. Was any necrotic cells and any hyperplasia was observed? Should mentioned in histopathology.
5. What was the viability of hepatocytes?
6. In research paper Phenobarbitone should not use in Ischemia group. May be Phenobarbitone effect participate Isoflurane action

The paper has novelty with relation HO-1 expression and anesthesia. The paper can be published with improving English and above said suggestion