Reviewer's report

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

**Version:** 1  **Date:** 29 April 2010

**Reviewer:** Leandra Ramalho

**Reviewer's report:**

**Major Compulsory Revisions**
The authors should reinforce in the introduction and objective sets the unpublished purpose of the study. It was better defined in the abstract set.
The hepatic TNF-alpha may be more representative using a PCR-RT analysis. The Heme oxygenase-1 pathway is related with oxidative stress, the authors should investigate another markers of oxidative stress, as well as, nitrotyrosine, MDA, etc.

**Minor Essential Revisions**
There are excessive arrows in the figure 3
The figure 7 presented H&E stain with a yellow background

**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.