Reviewer’s report

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

Version: 1 Date: 17 May 2010

Reviewer: Holger K Eltzschig

Reviewer’s report:

In the present study, Win Lv and co-authors investigate the role of preconditioning with isoflurane on Heme oxygenase 1-dependent liver protection during ischemia reperfusion injury.

Major comments:

1.) The authors need to include arterial blood pressure values for both groups. I suspect that the induction and HO-1 protection are induced by hypotension/ischemia - like ischemic preconditioning - by isoflurane induced decrease in blood pressure.

2.) The authors need to provide genetic evidence for a role of HO-1 in their responses.

3.) The paper needs to be re-written in better English.