

7th July 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (11624-edited)

Title '1400W a selective iNOS inhibitor reduces ischemia reperfusion injury in an *ex-vivo* porcine model of the donation after circulatory death kidney donor'

Authors: Sarah A Hosgood, Phillip J Yates, Michael L Nicholson

Name of Journal: World Journal of Transplantation

ESPS Manuscript NO: 11624

The manuscript has been improved according to the suggestion of the reviewer:

- 1: Ethical approval has been added to the methods section
- 2: Important articles have been cited
- 3: The references have been updated. We have also reduced the number of references to 21.
- 4: We agree with the reviewer that neutrophil infiltration also has a positive role in regeneration and repair as well mediating ischaemia reperfusion injury. We measured neutrophil infiltration by immunohistochemical staining of myeloperoxidase activity, a marker mainly of neutrophil granulocytes. The number of positive cells was extremely low in both groups despite the significant difference. This study aimed to assess the early effects of I.R injury (3 hours). However, infiltration is most pronounced between 12- and 24 hours. We felt that the MPO technique was more a more exact way of measuring the activated cells rather than using H&E evaluation at this early time point. We have balanced the discussion and added the role of neutrophils in regeneration and repair ref 20.

Yours Faithfully

Dr Sarah Hosgood