Reviewer's report

**Title:** Indoxyl sulfate, a uremic toxin, downregulates renal expression of Nrf2 through activation of NF-kappaB

**Version:** 7  **Date:** 25 February 2013

**Reviewer:** Wenpeng Cui

**Reviewer's report:**

Bolati et al. demonstrated that indoxyl sulfate downregulates renal Nrf2 expression and function by activation of NF-kB, and AST-120, an oral sorbent, upregulates Nrf2 expression and function by reducing serum indoxyl sulfate. This revised manuscript with importance to the scientific community, has answered the questions I mentioned very well, and I think this manuscript meets the standard of BMC Nephrology.

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

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