Reviewer’s report

**Title:** Role of aldosterone on lung structural remodelling and right ventricular function in congestive heart failure

**Version:** 1  **Date:** 14 October 2011

**Reviewer:** Jens Erik Nielsen-Kudsk

**Reviewer’s report:**

This is a very well-perfored experimental study demonstrating that aldosterone receptor blockade by a high dose of aldactone (100 mg/kg/day) given for 3 weeks does not influence PH, pulmonary remodelling and RV dysfunction in rats with established CHF. These results indicate that aldosterone is not essential in pathological pulmonary remodelling in CHF, which was further supported by the demonstration of the failure of aldosterone to stimulate proliferation of isolated lung myofibroblasts. This paper is a significant contribution to the research field of CHF and PH.

Minor Essential Revision:
Page 12, first paragraph: Aldosterone-treated animals should by changed to Aldactone-treated animals

**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.

**Declaration of competing interests:**

I declare that I have no competing interests