



**Figure S1 Histopathological changes from repeated inhalation of *A. fumigatus* spores** **A.** Repeated exposures to fungal spores promote pulmonary arterial remodeling and fibrosis. H&E and Trichrome stained lung sections from animals at 48 hrs post final exposure to 10<sup>5</sup> *A. fumigatus* spores. Magnification: 40X objective. H&E – hematoxylin and eosin. **B.** Significant luminal narrowing and remodeling of blood vessel on exposure to 10<sup>5</sup> *A. fumigatus* spores. H&E, Trichrome and GMS stained sections from an animal at 48 hrs post final exposure to 10<sup>5</sup> *A. fumigatus* spores. Magnification: 60X objective. H&E – hematoxylin and eosin and GMS – Grocott’s Methenamine Staining.