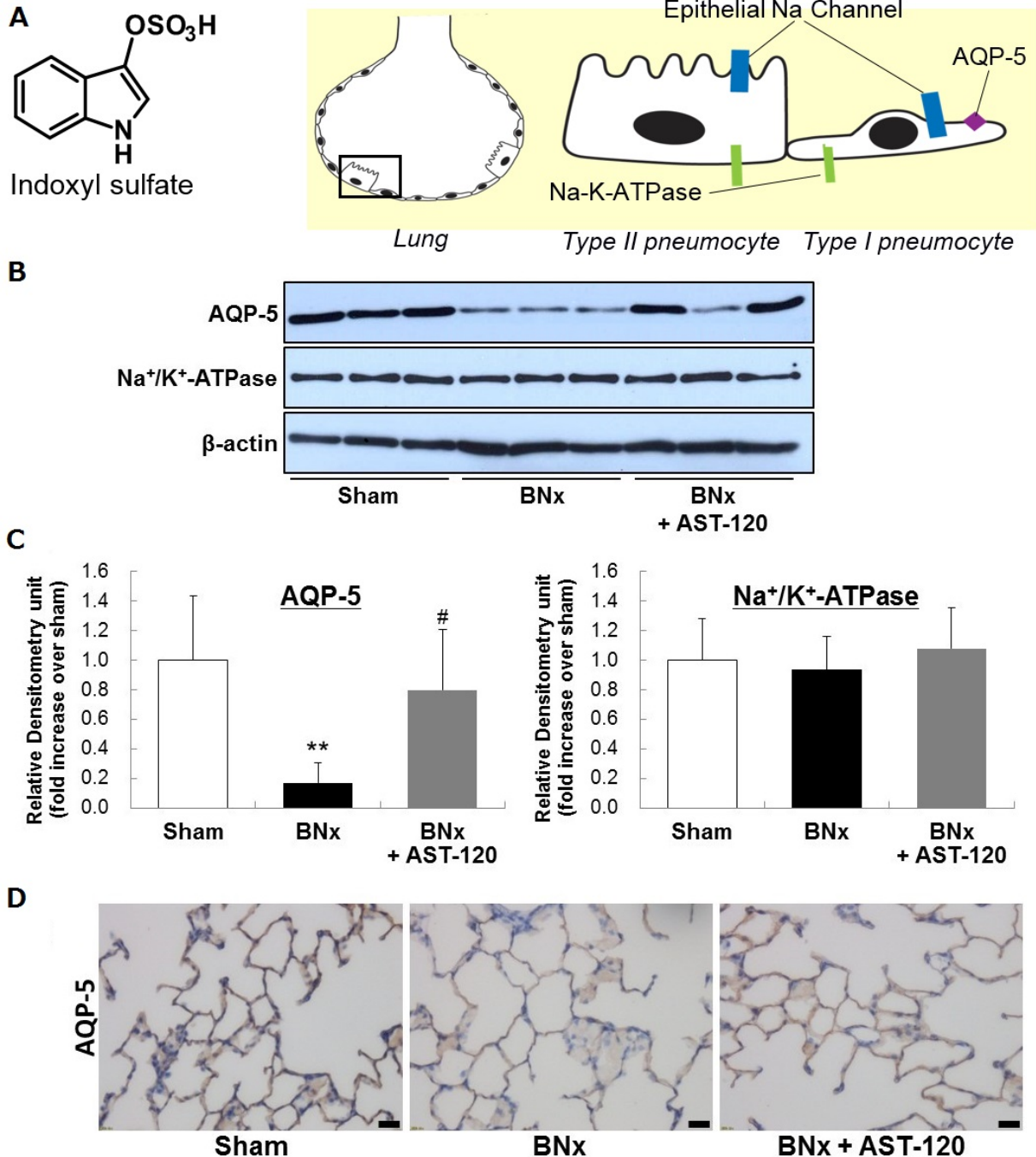


High indoxyl sulfate levels caused by acute kidney injury damages lungs

February 22 2017



Indoxyl sulfate chemical formula (A left) and the epithelial sodium channel of lung alveolar cells (A-right). AQP-5 and Na⁺/K⁺-ATPase protein expressions of the lung in BNx rats. Protein expressions of AQP-5 and Na⁺/K⁺-ATPase of the lung in sham-operated rats (sham), BNx rats with (BNx + AST-120) or without (BNx) oral administration of AST-120 (2.5 g/kg) at 48hr, were determined by

Western blot analysis (B, C) and Immunohistochemical analysis (D) with antibody against rAQP-5. Each column represents the mean +/- S.D. from 3 rats.
**p < 0.01 versus sham; # p

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