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Columns: REVIEW

Inhaled hypertonic saline for cystic fibrosis: Reviewing the potential evidence for modulation of neutrophil signalling and function

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Abstract

Cystic fibrosis (CF) is a multisystem disorder with significantly shortened life expectancy. The major cause of mortality and morbidity is lung disease with increasing pulmonary exacerbations and decline in lung function predicting significantly poorer outcomes. The pathogenesis of lung disease in CF is characterised in part by decreased airway surface liquid volume and subsequent

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A review of drug modulation in cystic fibrosis including Alpha1-antitrypsin, ... In summary, this approach attempts to make the mutant CFTR function in place of the real CFTR. ... This drug was safe but, disappointingly, had little effect on neutrophil .... The authors suggested that inhaled hypertonic saline was a potentially ...

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