

6-2019-6720 | Novel Naturally Occurring Compounds for Treating Respiratory Infections
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Background

Cystic Fibrosis (CF) is an inherited disorder that causes severe damage to the lungs, digestive system and other organs in the body. There is no known cure for cystic fibrosis and the average life expectancy is between 42 and 50 years in the developed world. Lung problems are responsible for death in 80% of people with CF.

Our Innovation

Our Invention suggests a novel regime of treatment using naturally occurring compounds with little side effects, to fight pathogenic factors common to CF, affecting the microbial biofilm in the lungs and reducing the need of antibiotics/antifungal drugs.

Specifically, the anti-bacterial, anti-fungal anti-biofilm effects on *Candida albicans* and *Pseudomonas aeruginosa*, both common to CF patients, is demonstrated.

Patent Status

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