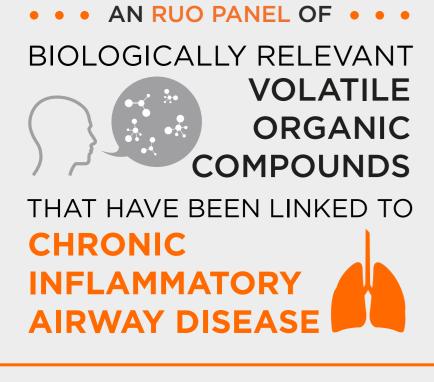
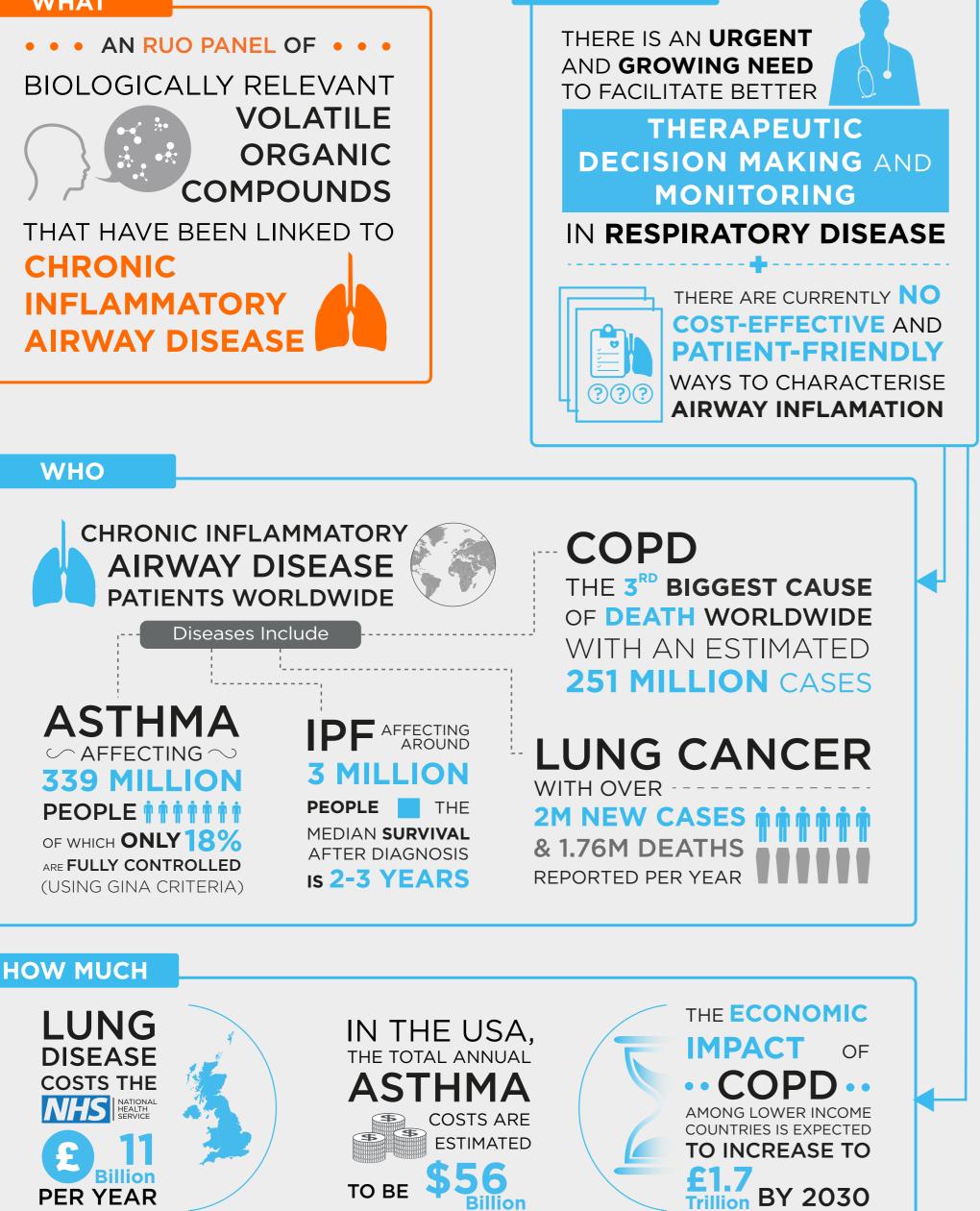
BREATH[®] BIOPSY

WHAT

WHO



WHY



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Background:

Chronic inflammatory airway diseases are caused by a wide range of biological processes that result in significant loss of pulmonary function and quality of life.

Despite having substantial differences in underlying causes, these diseases are similar in clinical presentation, making them difficult to diagnose and deliver effective treatments. Unfortunately, there are currently no cost-effective and patient-friendly ways to characterize airway inflammation. This problem is underscored by an increasing number of drugs being developed that target specific molecular mechanisms, and so are effective for a subset of patients but have limited or no impact for others.

Breath Biopsy Panel for Respiratory Disease:

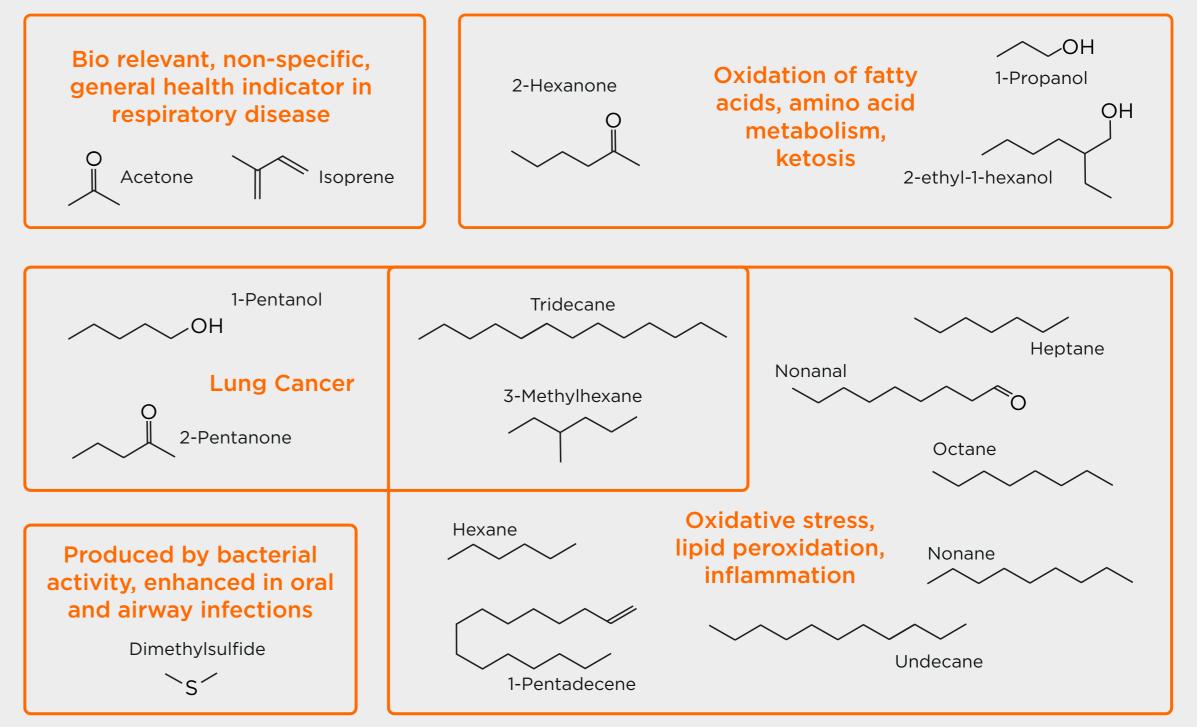
The Breath Biopsy RUO Panel for Respiratory Diseases is intended to support research to distinguish underlying phenotypes of chronic inflammatory airway diseases such as Asthma, Chronic Obstructive Pulmonary Disease (COPD), and Idiopathic Pulmonary Fibrosis (IPF), and to facilitate better therapeutic decision making and monitoring.

The Panel consists of a set of biologically relevant volatile organic compounds (VOCs) that have demonstrable associations to inflammatory respiratory diseases, and can be collected on breath to enable direct characterization of disease biology in the lungs by non-invasive breath sampling. Published Literature

Established Biological Evidence

Breath Biopsy Studies

RUO Panel Compounds:



More information about using the Panel as part of Breath Biopsy Services: owlstonemedical.com/respiratory-panel

