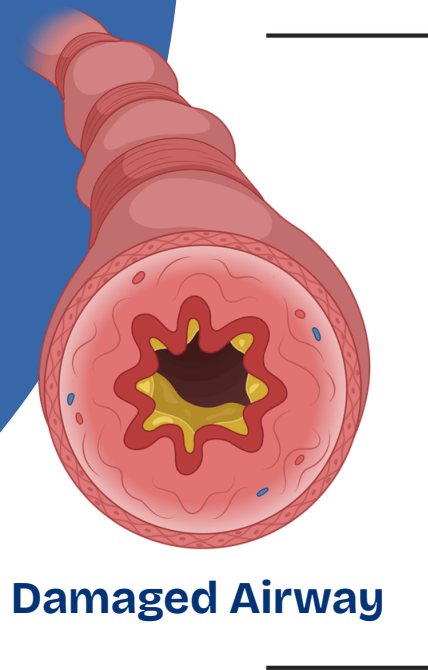
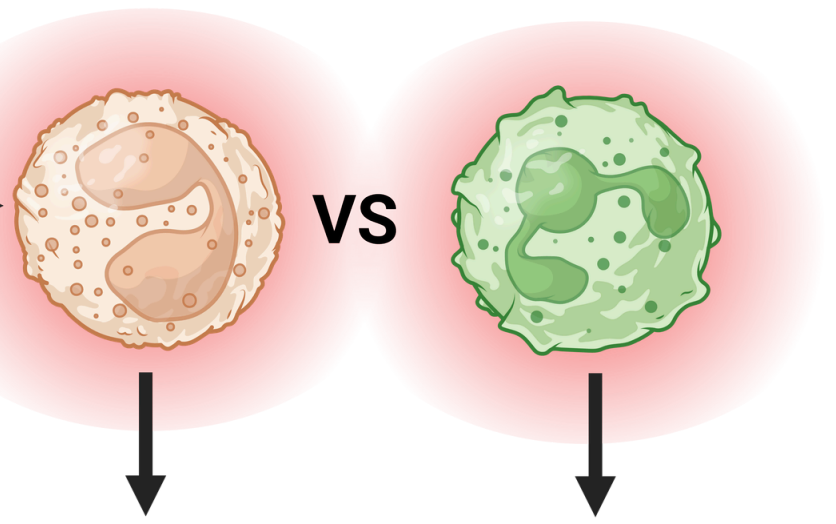


Why Are Some Types of Asthma Harder to Treat?



Eosinophilic Inflammation

Neutrophilic Inflammation



Common in Type 2 High Asthma

Common in Type 2 Low Asthma

Study title: Characterising neutrophil serine protease activity in type 2 low asthma

Purpose:

Asthma affects many people but not all types respond well to current treatments. Around 1 in 10 people have a form called type 2-low asthma, which can be difficult to treat. We believe a type of white blood cell, called a neutrophil, may play an important role in this form of asthma. The study will measure these cells and their products in people with asthma to help identify new treatment options in the future



What's involved?

One visit as part of your routine asthma clinic appointment at Ninewells Hospital. You will be given nebulised saline (salty water) to provide a sputum (phlegm) sample, complete short questionnaires, breathing tests and a small blood sample

For more information, please **contact:**



sarn@dundee.ac.uk



(+44) 01382381061



University of Dundee