

Lung structure

- The lungs are protected by the ribs, which have **external and internal intercostal muscles** between them.
- Two **pleural membranes** surround the lungs, and secrete **pleural fluid** into the space between the membranes - pleural fluid is incompressible, so if the thorax moves, the lungs move too.
- Air is carried to the lungs in the trachea, bronchi, bronchioles and alveoli.
- The trachea contains incomplete rings of cartilage and is lined with ciliated epithelial cells and goblet cells, which secrete mucus.

