

How are the lungs designed in human beings to maximize the area of exchange of gases?

There are millions of alveoli in lungs. The presence of millions of alveoli in the lungs provides a very large surface area maximises the exchange of gases.

What are the functions of lymph in our body?

- Lymph circulates large protein molecules by carrying them from the tissues into the blood stream.
- It carries digestive fats for nutritive process.
- It protects the body by killing germs drained off out from the body tissue and simultaneously making antibodies.
- It helps in removing the waste products (fragments of dead cells)

How is hemoglobin associated with respiration?

Hemoglobin carries O_2 from lungs to the ~~to~~ different parts of the body. If there is no hemoglobin it results in deficiency of O_2 eventually leading to death.