

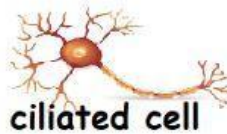
| Name of cell | Function of cell | Specialised structure | How is it adapted for that function |
|--------------|------------------|-----------------------|-------------------------------------|
|              |                  |                       |                                     |
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red blood cell



root hair cell



ciliated cell



Palisade cell



ciliated cell

Transports oxygen

Has haemoglobin in its cytoplasm

Allows electrical signals to travel

Haemoglobin carries oxygen

has a long axon

Carries electrical signals

Stops bacteria getting into lungs

has tiny, thread-like cilia along edge

Absorbs water and Mineral from soil

Mucus traps bacteria

Make food by photosynthesis

has a long extension

allows water to move into cell

has many chloroplasts

Chlorophyll absorbs energy