

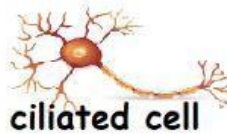
Name of cell	Function of cell	Specialised structure	How is it adapted for that function



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