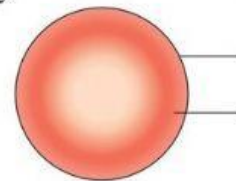


The diagrams show three kinds of specialised cell in the human body.

are than most other cells in the body.
This allows them to tiny blood **capillaries**, so they
can deliver to every part of the body.

The cytoplasm contains a **pigment** (colour) called
This carries oxygen around the body.

The cell has no . This leaves more for haemoglobin.



Red blood cells

carry electrical signals from one part of the
body to another. They help all the different parts of
the body to with each other. For example,
they can carry signals from the brain to muscles, to
make the muscles move.

The is a very long strand of cytoplasm.
Electrical signals can travel along this very quickly.

are short strands of cytoplasm that collect
electrical signals from other nerve cells.

have tiny threads along one edge,
like microscopic . These are called . The cilia can

One place in the body that contains ciliated cells is the lining of the
tubes leading from your mouth to your lungs.

Other cells in this lining make a sticky substance called

When you breathe in, the mucus traps in
the air, to stop them going into your lungs. The cilia
the mucus up to the back of your mouth and you swallow it.

