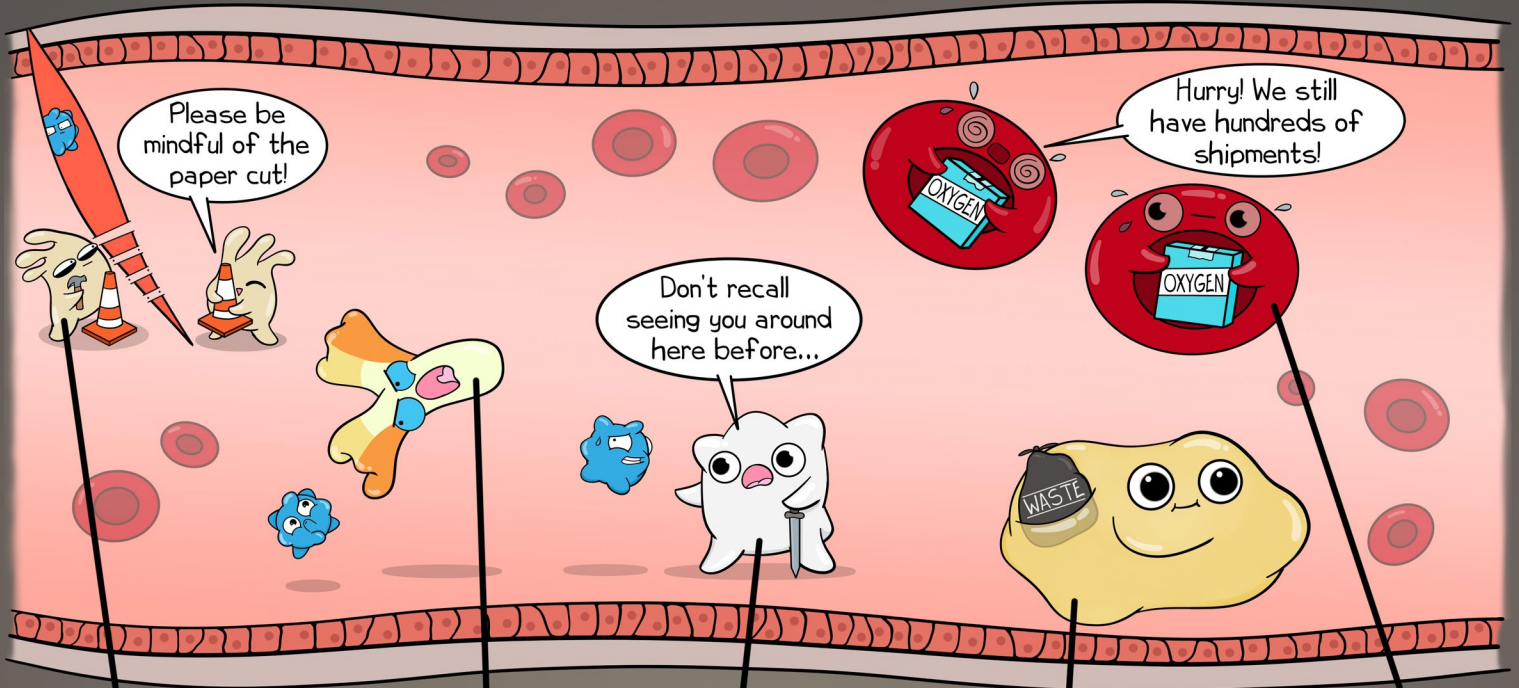


Blood Cells



Platelet

Platelets (thrombocytes) are the smallest cells in the blood.

Platelets prevent bleeding by creating blood clots.

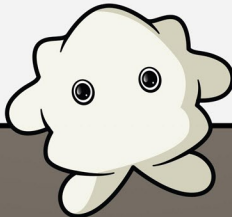
The average person has between 150,000 to 400,000 platelets in every microliter (drop) of blood.



White Blood Cell

White blood cells (leukocytes) are your body's white knights, protecting you from pathogens.

Bone marrow produces white blood cells, which are then stored in the blood and lymphatic tissues.

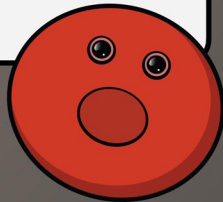


Red Blood Cell

Red blood cells (erythrocytes) contain hemoglobin, which carries oxygen and carbon dioxide around the body.

Red blood cells are produced in bone marrow.

A person can have more than 10,000,000,000,000 red blood cells in their body!



Antibody

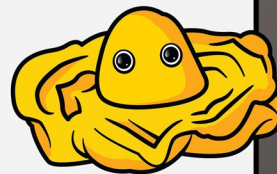
Antibodies are Y-shaped proteins that identify pathogens like viruses and bacteria.



Vaccines can help prepare antibodies for threats they've never encountered.

Plasma

Plasma is a pale liquid that makes up about 55% of your blood.



In addition to helping your blood cells travel, they carry waste products to the kidneys, liver, and lungs.