


Which biochemical component of the erythrocyte cell surface is primarily responsible for determining blood group (ABO) 

Correct
+ 928

Kahoot!

▲ Fatty acid



◆ Carbohydrate




● Protein



■ Cholesterol



Next

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Next

What is the approximate life span of a circulating erythrocyte?

Answer streak 2
+ 942

Kahoot!

▲ 4 months ✓

◆ 120 weeks ✗

● 20 days ✗

■ 14-28 days ✗

Next

Which cell type has cytoplasmic granules that contain heparin and histamine?

Answer streak 3
+ 948

Kahoot!

▲ Eosinophil



◆ Basophil



● Neutrophil



■ Lymphocyte



Next

A differential cell count of a blood smear from a patient with a parasitic infection is likely to reveal an increase in

Answer streak 4
+ 970

Kahoot!

▲ Eosinophils



◆ Basophils



● Neutrophils



■ T lymphocytes



Next

Eosinophils are cells with bilobed nuclei and many crystalloid cytoplasmic granules

Answer streak 5
+ 965

Kahoot!

True



False



Next

Erythrocytes are very small, cell-like elements with no nuclei but many granules



Answer streak 6
+ 709

Kahoot!

◆ True



▲ False



Next

Neutrophils are multi-nucleated cells with polymorphic nuclei

Answer streak 7
+ 974

Kahoot!

◆ True



▲ False



Next

Which of the following cells function in the formation of pus at the wound site?

Answer streak 8
+ 852

Kahoot!

▲ Cells with spherical nuclei ✘

◆ Cell-like elements with no nuclei ✘

● Biconcave cells with no nuclei ✘

■ Cells with polymorphic nuclei ✔

Next

Erythrocytes consume some of the oxygen they transport for ATP production

Answer streak 9
+ 976

Kahoot!

True



False

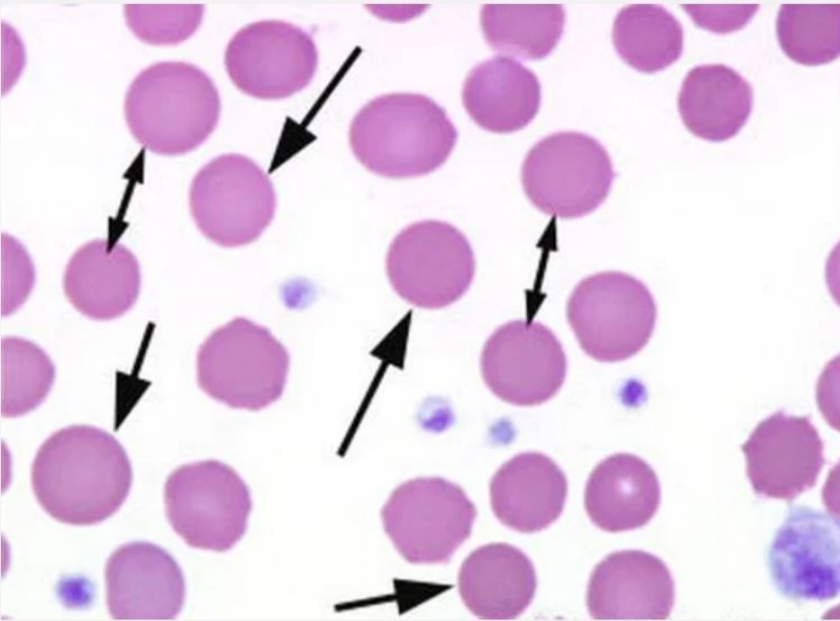


Next

The labeled erythrocytes are abnormal because



Answer streak 11
+ 817



▲ they are rounded in shape indicating spherocytosis



◆ they lack pale areas centrally indicating spherocytosis



● they are elliptical in shape indicating ovalocytosis



■ they have pointed edges indicating poikilocytosis

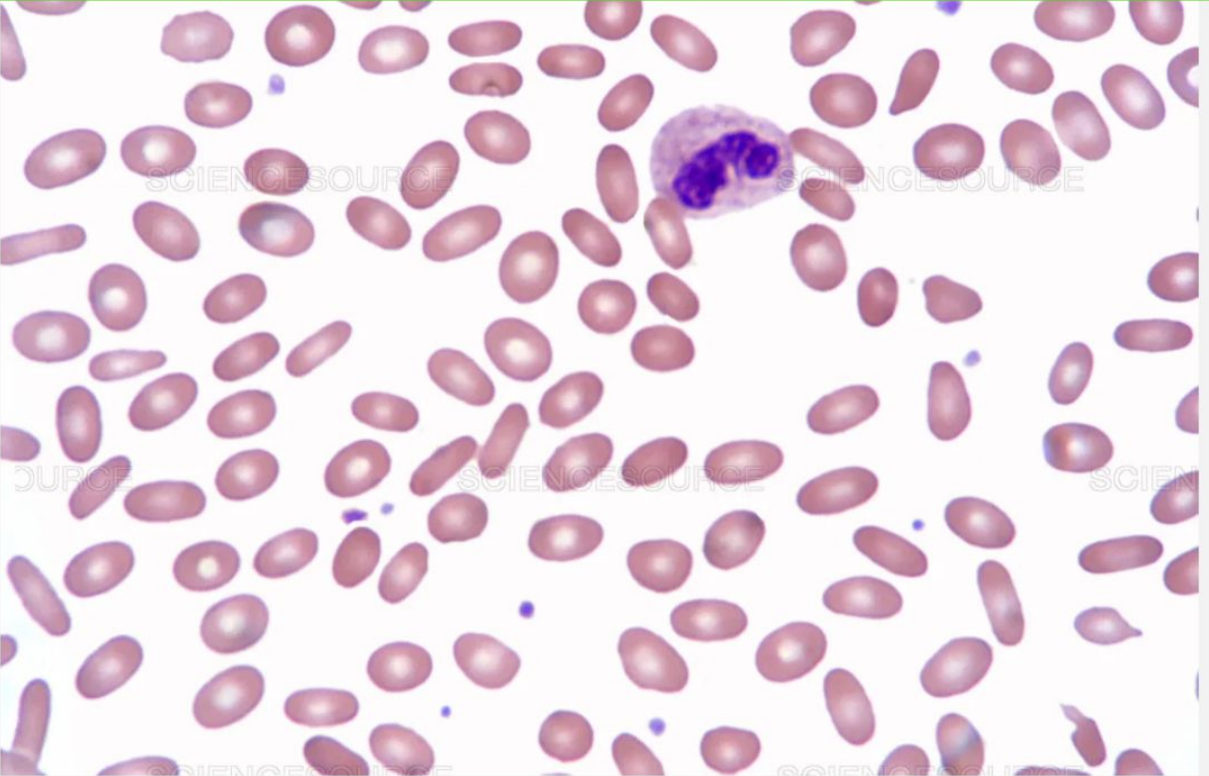


Next

The erythrocytes in this section are abnormal because



Answer streak 12
+ 802



▲ they are rounded in shape indicating spherocytosis



◆ they lack pale areas centrally indicating spherocytosis



● they are elliptical in shape indicating ovalocytosis



■ they have pointed edges indicating poikilocytosis



Next

The main difference between basophils and mast cells is 

Answer streak 10
+ 844

Kahoot!

 the shape of nucleus



 the density of their granules



 the content of their granules



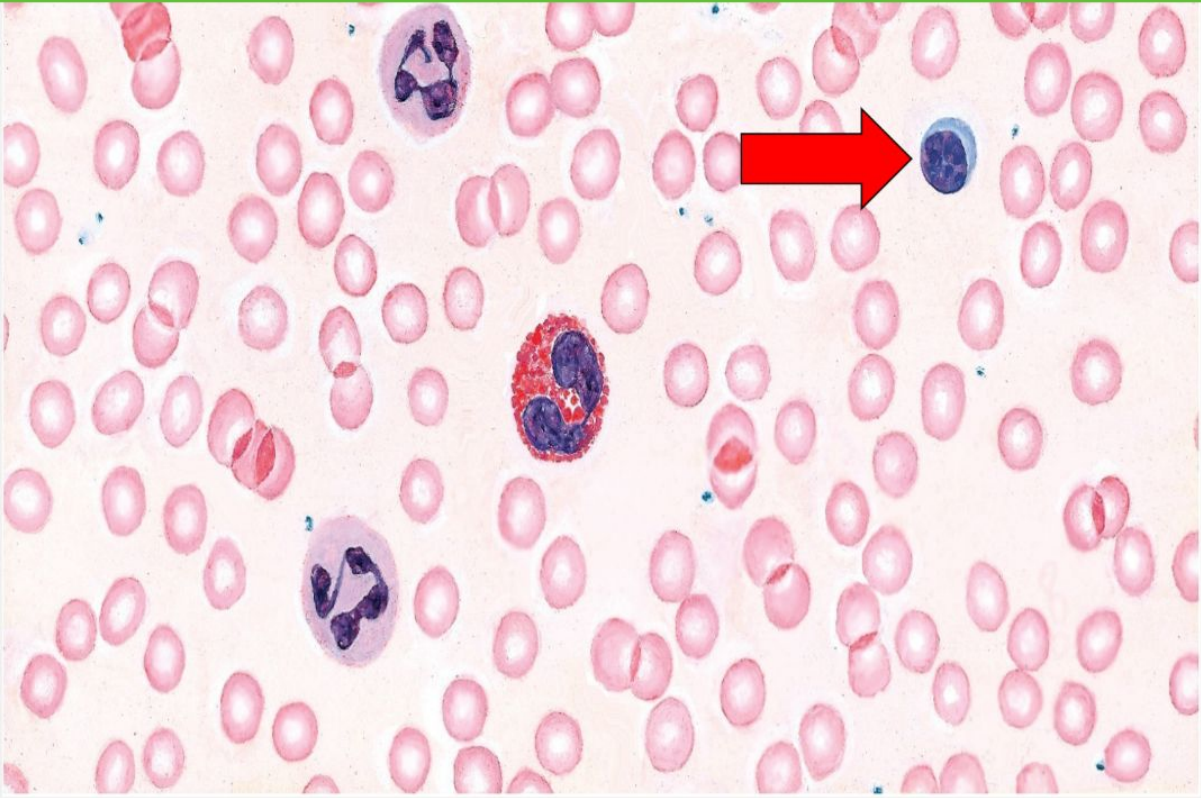
 the staining reaction of their granules



Next

Estimate the diameter of the labeled cell 🔍

Answer streak 13
+ 915



▲ about 5 um ❌

◆ about 15 um ❌

● about 11 um ❌

■ about 7 um ✓

Next