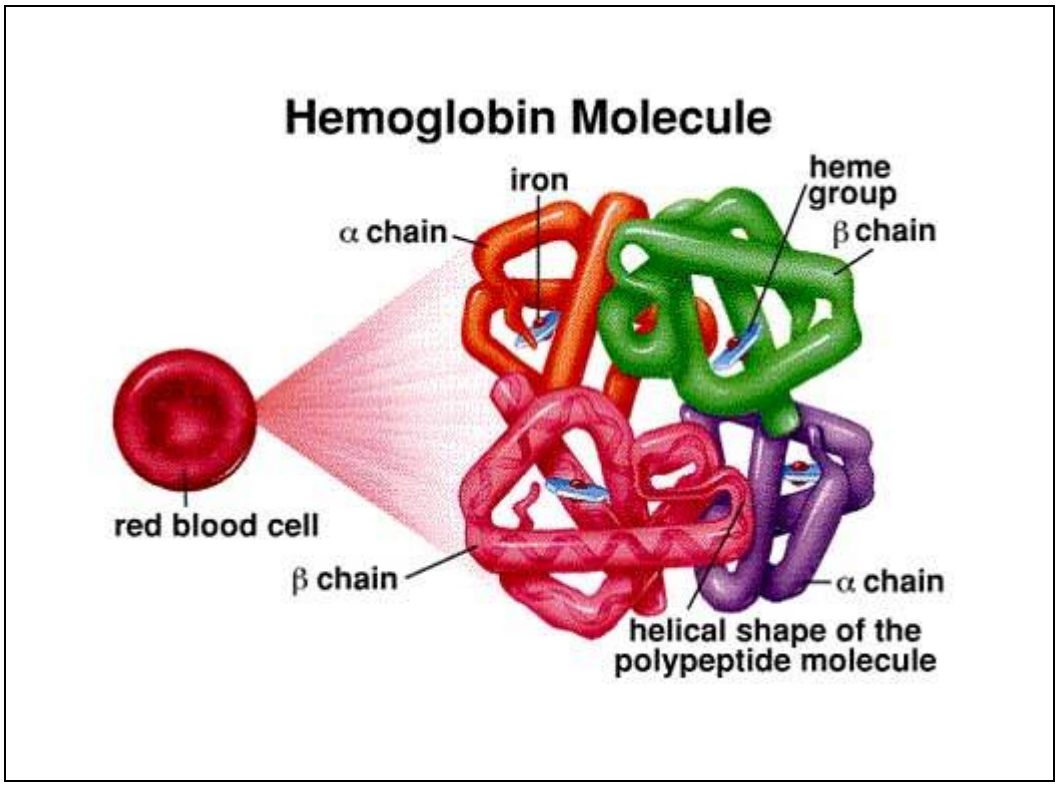
Structure and Function of Hemoglobin

Introduction:

Haemoglobin is the protein molecule in red blood cells that carries oxygen from the lungs to the body's tissues and returns carbon dioxide from the tissues back to the lungs. Haemoglobin is made up of four protein molecules (globulin chains) that are connected together.

Haemoglobin levels vary from person to person. Men usually have higher levels than women. A haemoglobin “cut-off” level is set for blood donation to ensure that your haemoglobin will not drop below normal after you have donated blood. Normal ranges for haemoglobin differ between ethnic populations, and males and females, and are also affected by age, especially in women. Individuals with haemoglobin levels below the normal range are, by definition, anemic. There are many causes of anemia and anemia due to iron deficiency is common.



https://www.slideshare.net/asifzeb2/structure-and-function-of-hemoglobin?ref=https://notesmaster.com/en/group/caribbean/1556-cape-covid19-support/27841-structure-and-function-of-haemoglobin

Structure and function of hemoglobin from **Asif Zeb**

Take a look at the video below to learn more:

https://www.youtube.com/watch?v=XxElVpgNUF0&feature=emb_logo