**Biology and the Olympics**

**TRUE OR FALSE ROUND – with a few trick questions snuck in :D**

1. DNA stands for Deoxyribonucleic adenine
2. A virus can only replicate inside the host cells of living organisms.
3. Sherlock and Watson discovered the double helix structure of DNA
4. Cytosine is paired with Thymine in DNA
5. Women who use anabolic steroids often develop masculine features
6. Adenine is paired with Thymine in DNA
7. A virus can be made of both RNA and DNA
8. Micro encephalopathy is the main health problem associated with Zika
9. The endocrine system is a collection of glands that produce hormones
10. Zika is transmitted by the male Aedes mosquito
11. Erythropoietin is a protein hormone, not a steroid
12. Ebola is transmitted via close contact with bodily fluids of infected people
13. Herd immunity is when most of a population is vaccinated to protect others
14. HGH is commonly misused by endurance athletes e.g. marathon runners

**MISSING NUMBER**

1. There are ….... pairs of autosomes in the human body
2. How many transmission methods are known for the Malaria disease? …....
3. The cells of the immune system that HIV attacks are called CD…... T cells
4. ….... % of Malaria deaths occur in Africa
5. HIV can be transmitted in …… different ways?
6. Lance Armstrong was stripped of …... tour de France titles when found to be doping
7. DNA strands are made up of ……. different nucleotides?
8. How many species of Plasmodium (malaria) infect humans? …….
9. How many times has Pauline Cafferkey been admitted to hospital due to Ebola? …….

**BINGO**

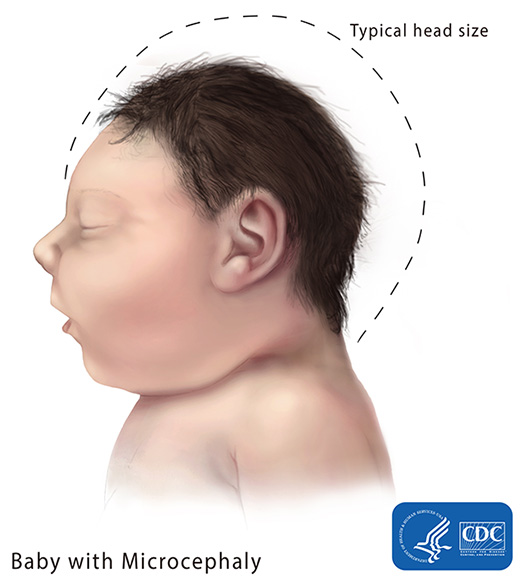
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| --- | --- | --- | --- | --- | --- |
| Athletes Foot | Vaccine | Endocrine Gland | Virus | Antibiotic | Antigen |
| Pathogen | Uracil | Vector | Verruca | Inherit | Insulin |
| Exocrine Gland | Guanine | Hormone | Bacteria | Host | Antibody |

**PICTURE ROUND**

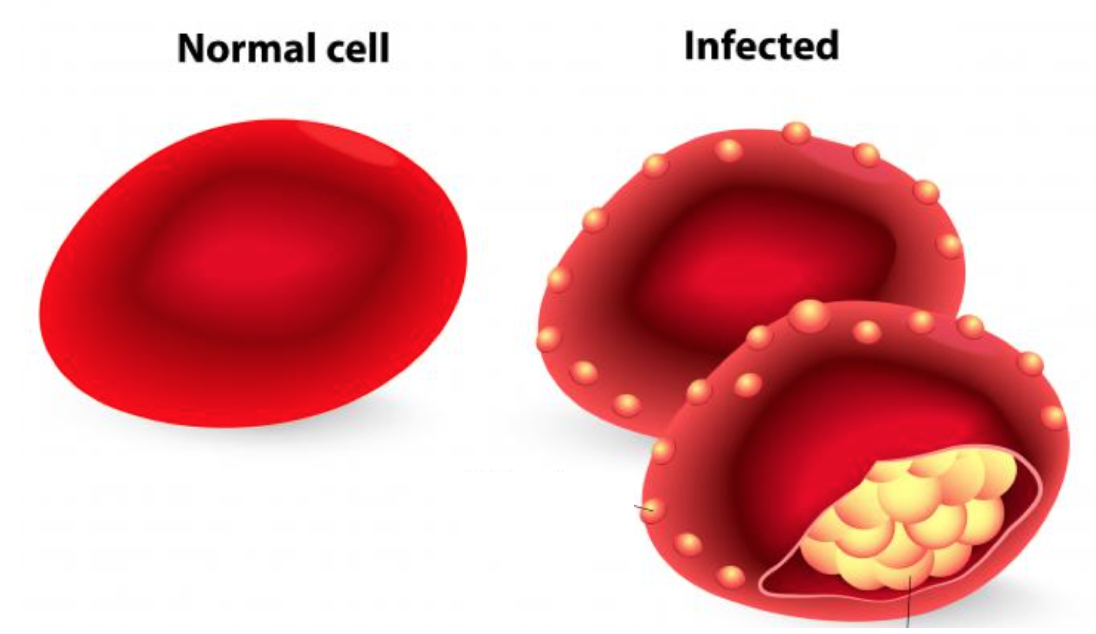
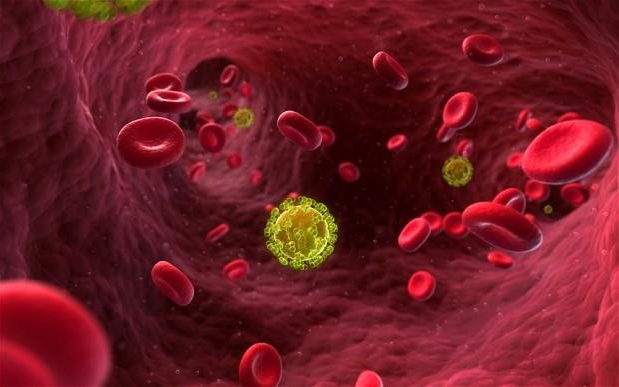
**Athletes**







**ZIKA**



**Three Big Killers**