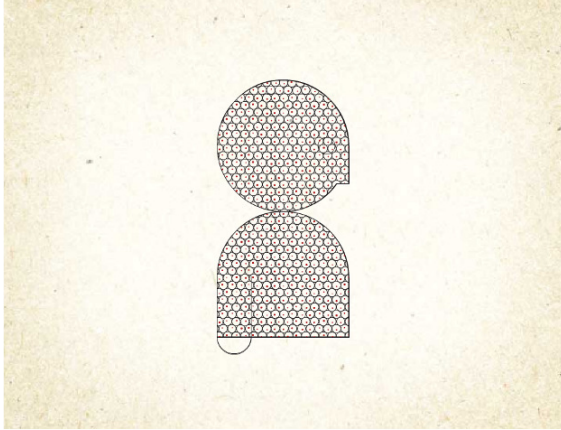
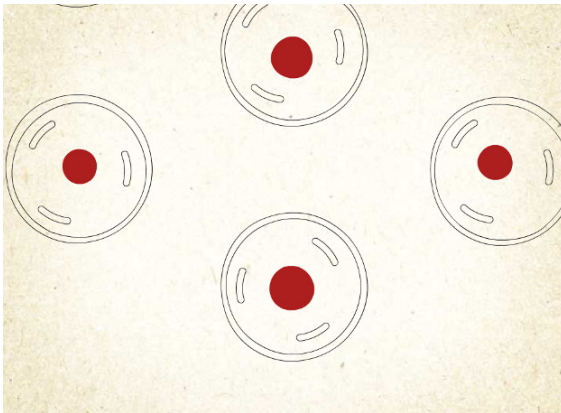


Your body

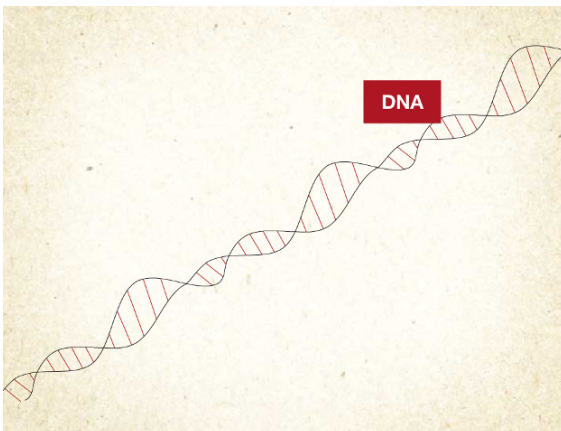
Your body is made up of trillions of microscopic cells.



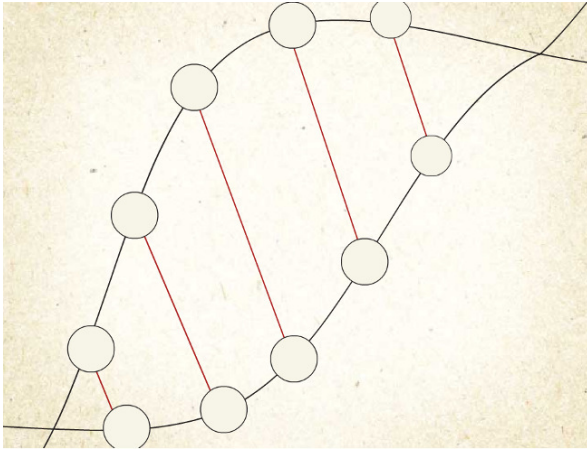
You have over 200 types of cell that do completely different jobs in your body. Skin cells, blood cells, fat cells ... the list goes on.



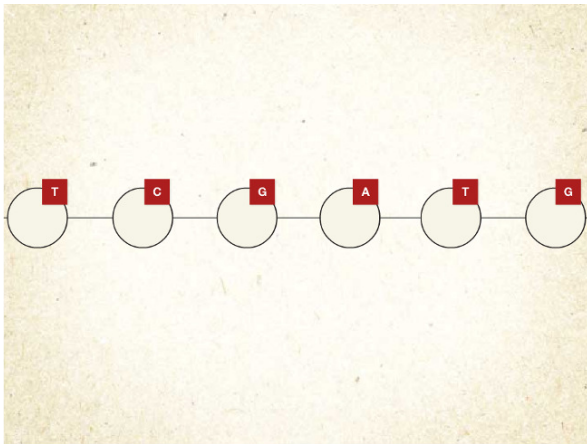
Nearly every cell contains the same 46 chromosomes in its nucleus. You inherit 23 from each of your parents. Each chromosome contains a double strand of a chemical called DNA – the 'code of life'.



DNA consists of two long strands shaped like interwoven helices. These strands are made up of four different small chemical units.



The sequence of these units includes what we call genes and encodes the information needed to build and run all your body's cells, from the moment you are conceived until you die.



Your DNA is unique because everyone has some differences in their DNA sequence.

