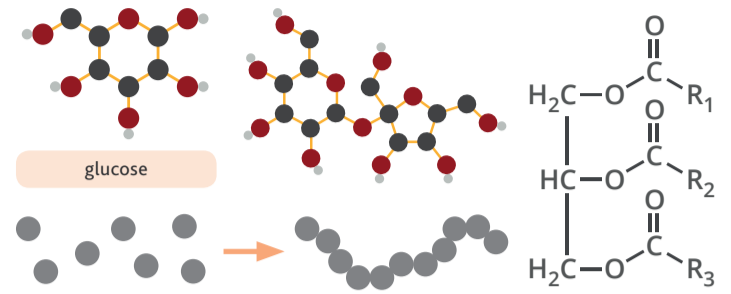
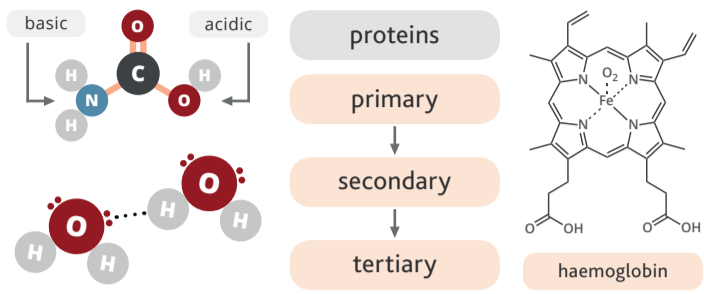


1

Biological molecules

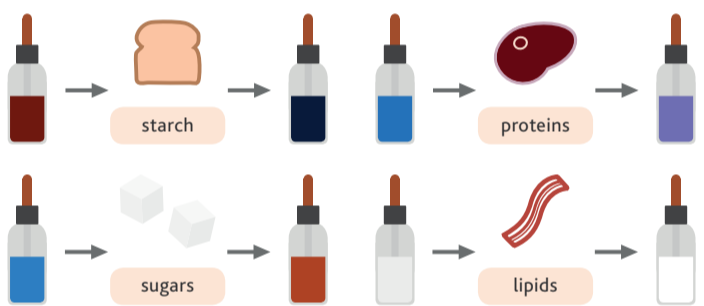


2.3 Proteins and water

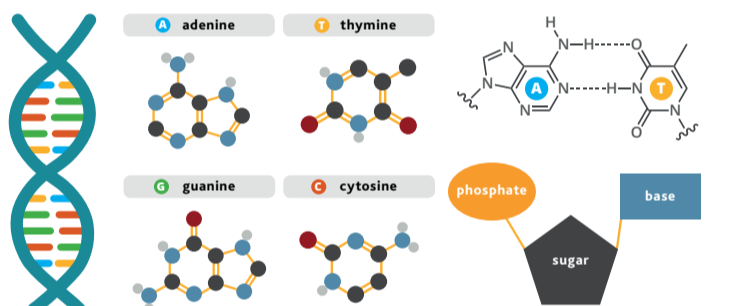
2.2 Carbohydrates and lipids

Testing for biological molecules

Proteins and DNA

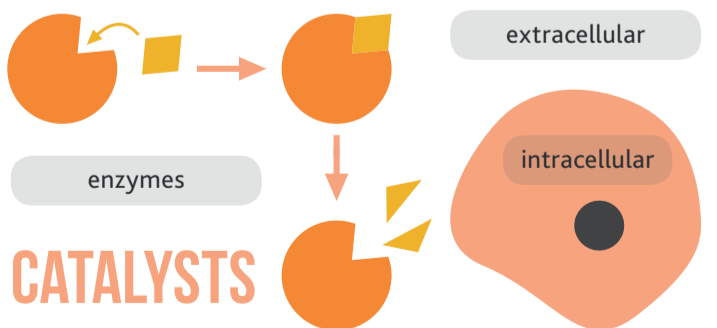


2.1 Testing for biological molecules

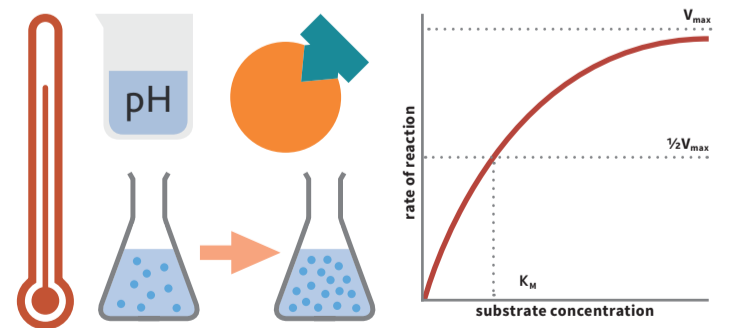


6.1 Structure and replication of DNA

Action of enzymes

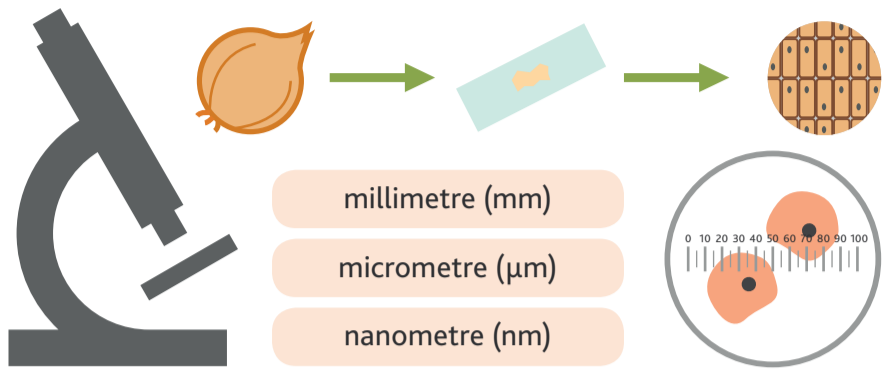


3.1 Mode of action of enzymes

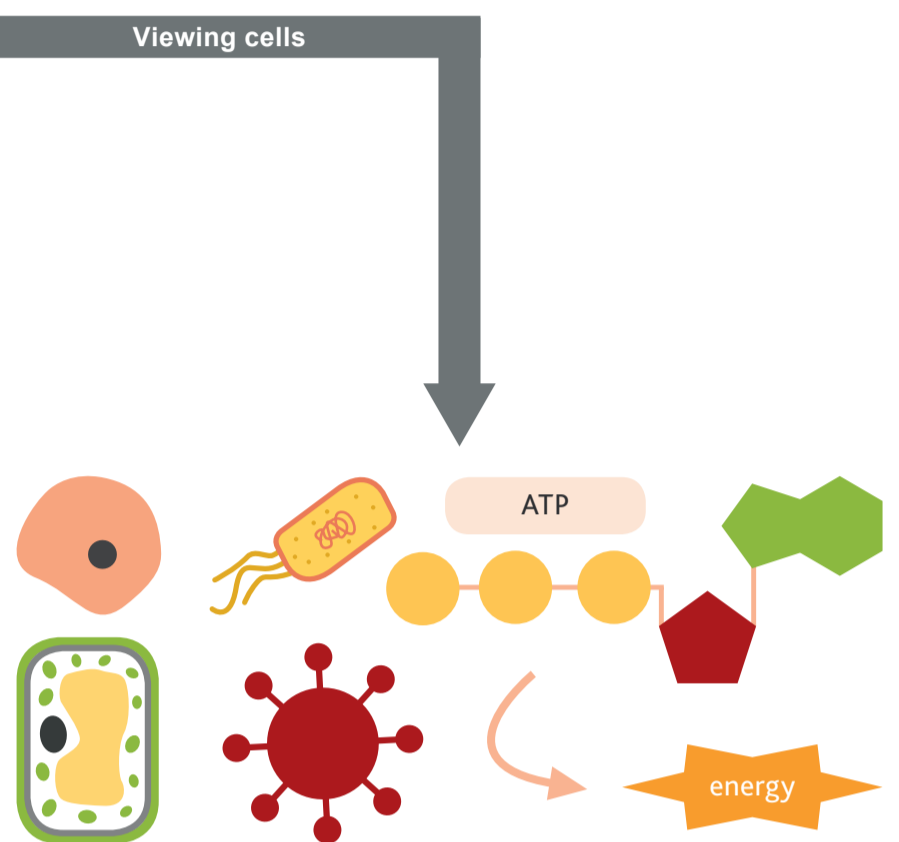


3.2 Factors that affect enzyme action

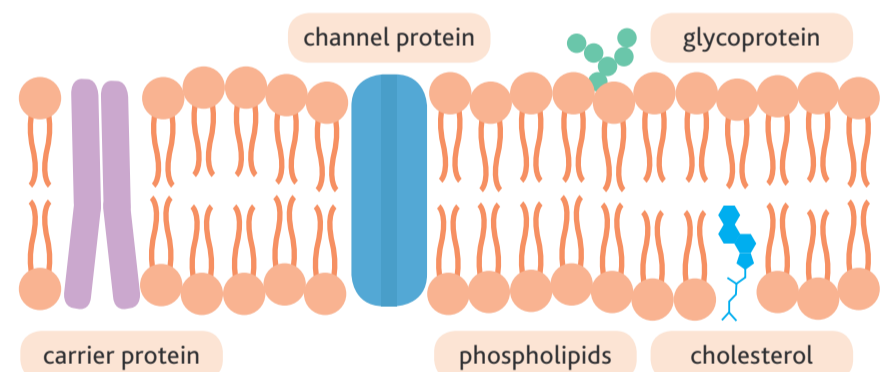
2 Cells as the basic units of life



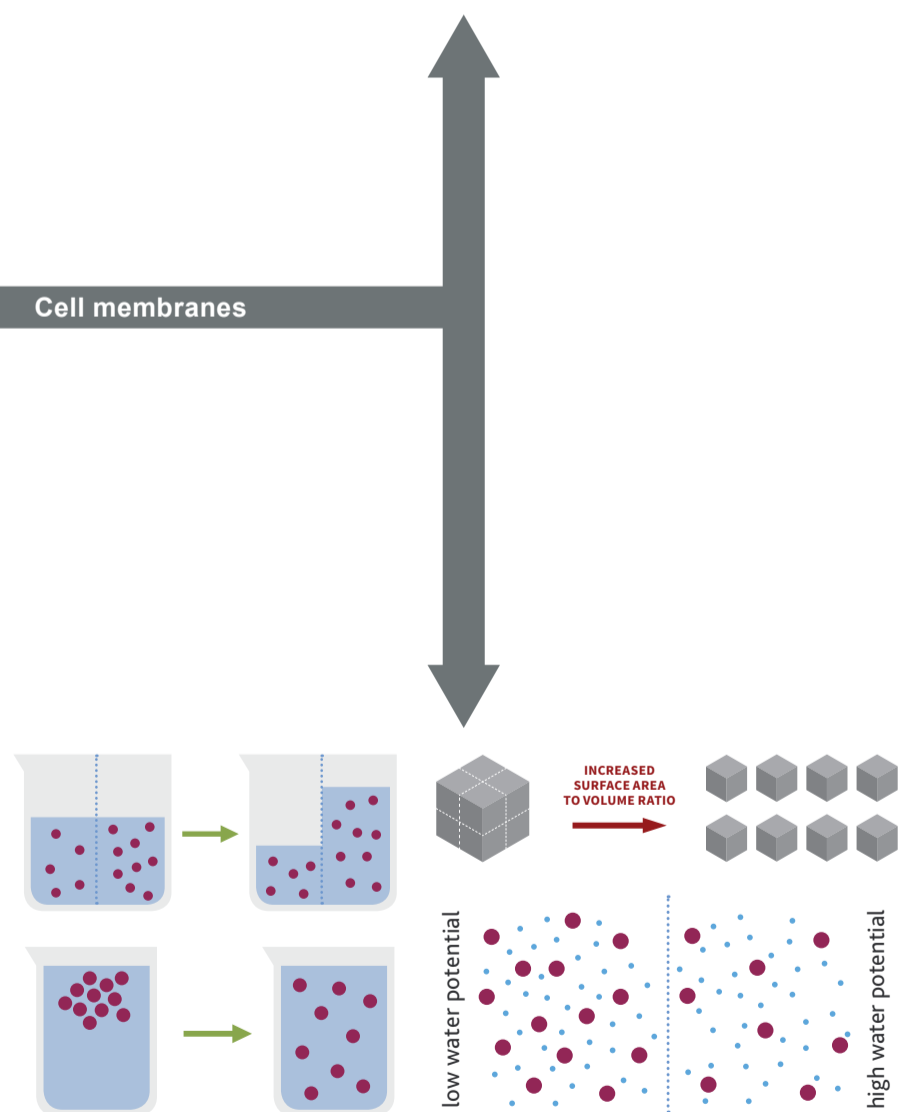
1.1 The microscope in cell studies KC



1.2 Cells as the basic units of living organisms KC

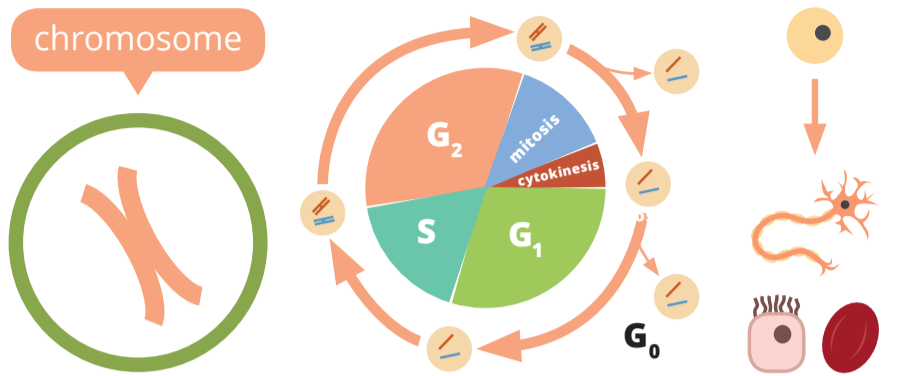


4.1 Fluid mosaic membranes KC

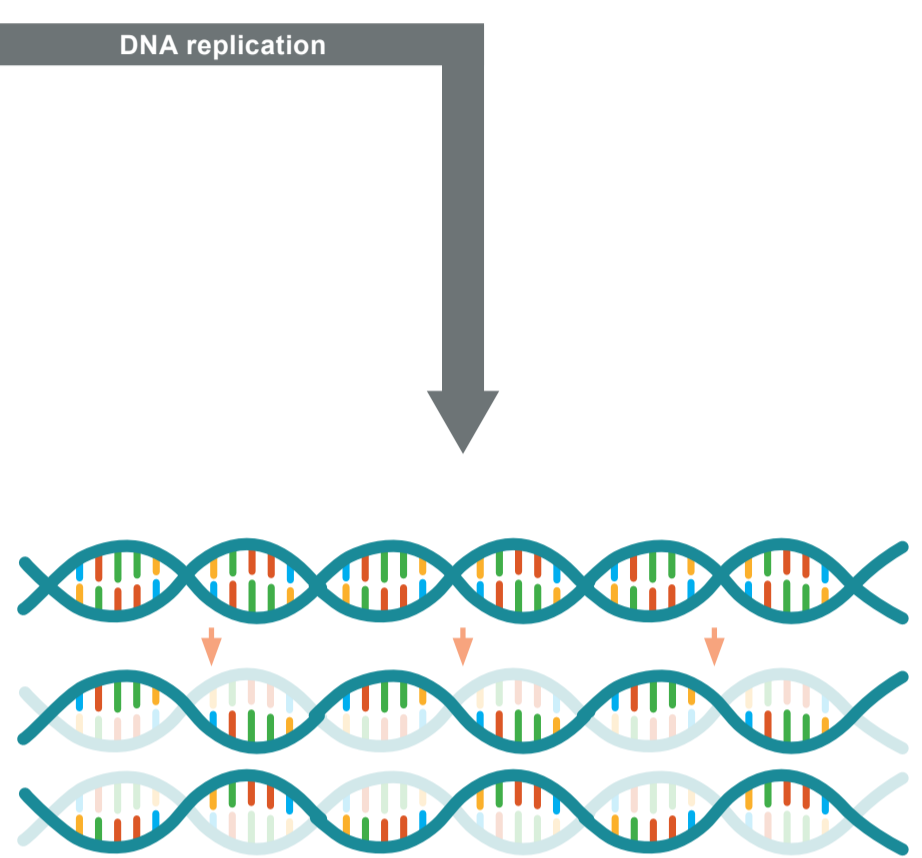


4.2 Movement of substances into and out of cells KC

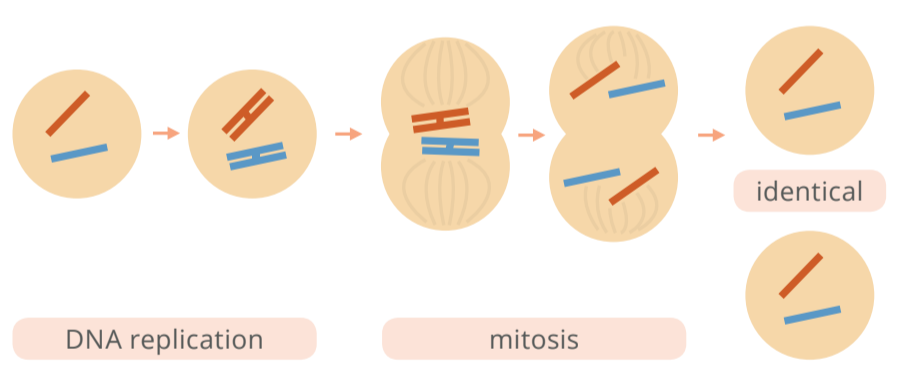
3 DNA and the mitotic cell cycle



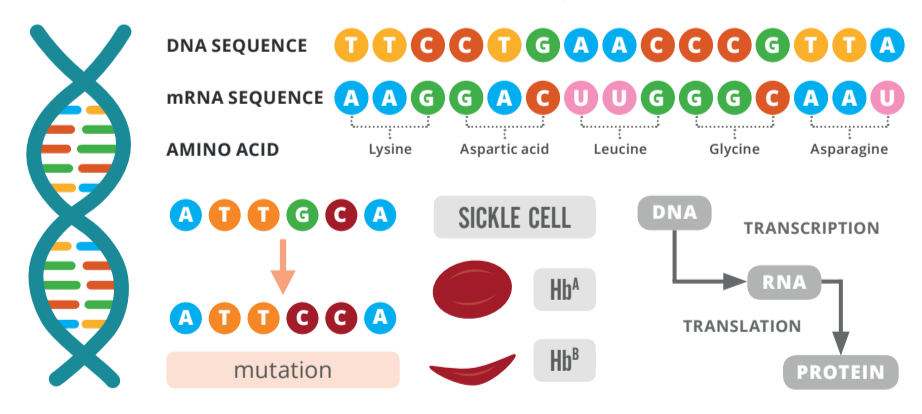
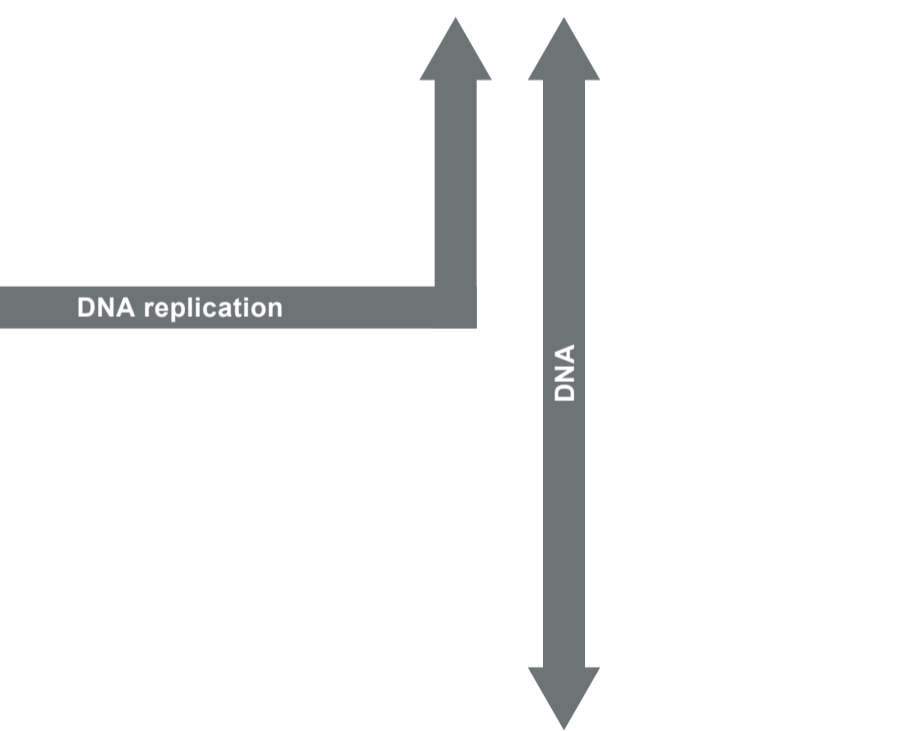
5.1 Replication and division of nuclei and cells KC



6.1 Structure and replication of DNA KC

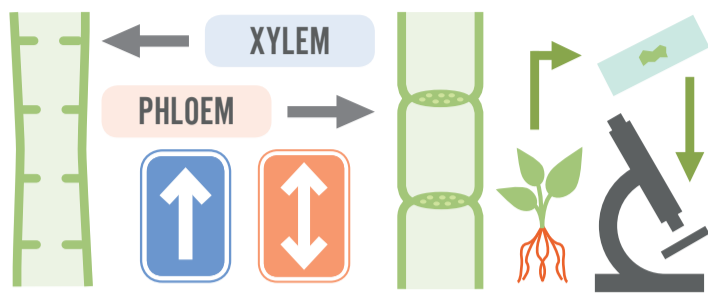


5.2 Chromosome behaviour in mitosis KC

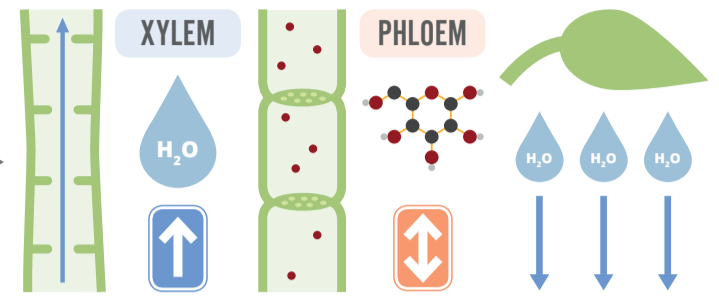


6.2 Protein synthesis KC

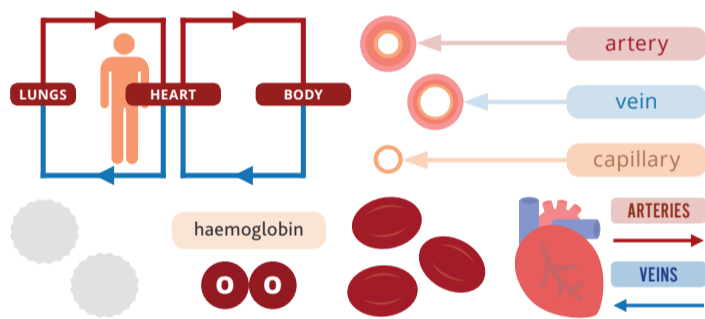
4 Transport and gas exchange



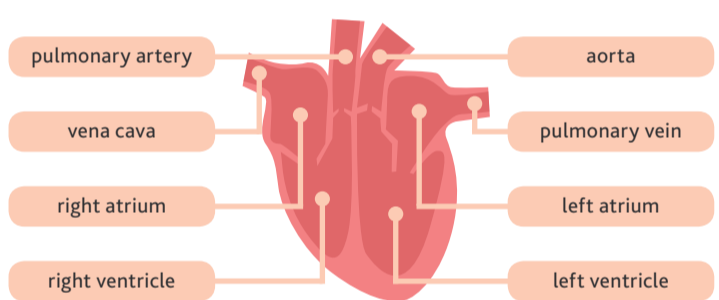
7.1 Structure of transport tissues



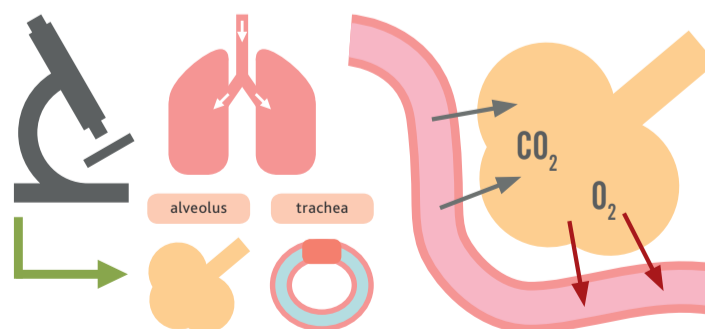
7.2 Transport mechanisms



8.1 The circulatory system

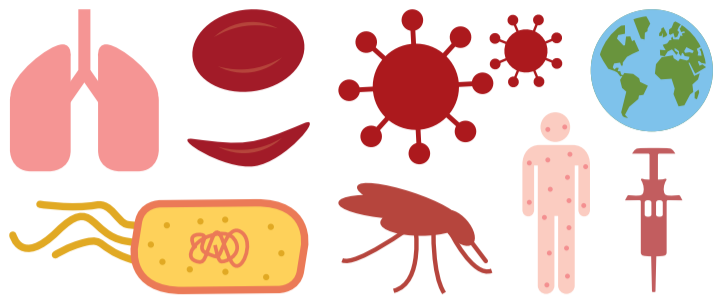


8.2 The heart

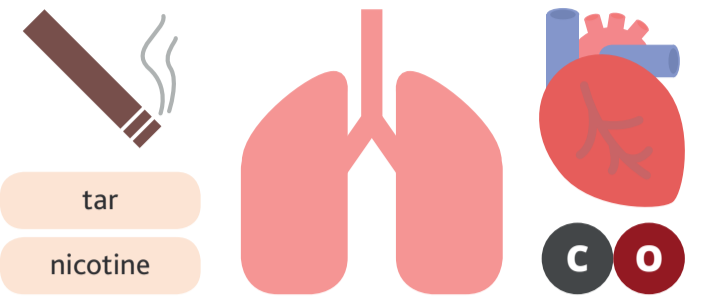


9.1 The gas exchange system

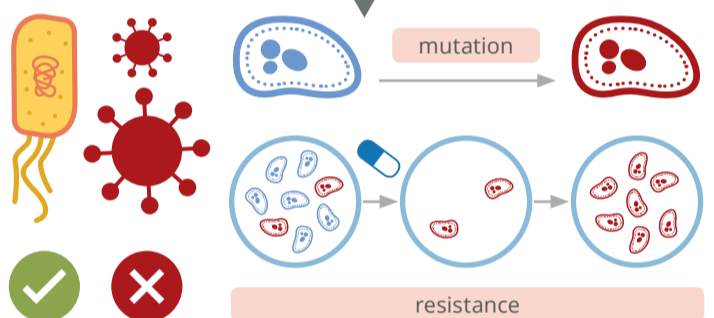
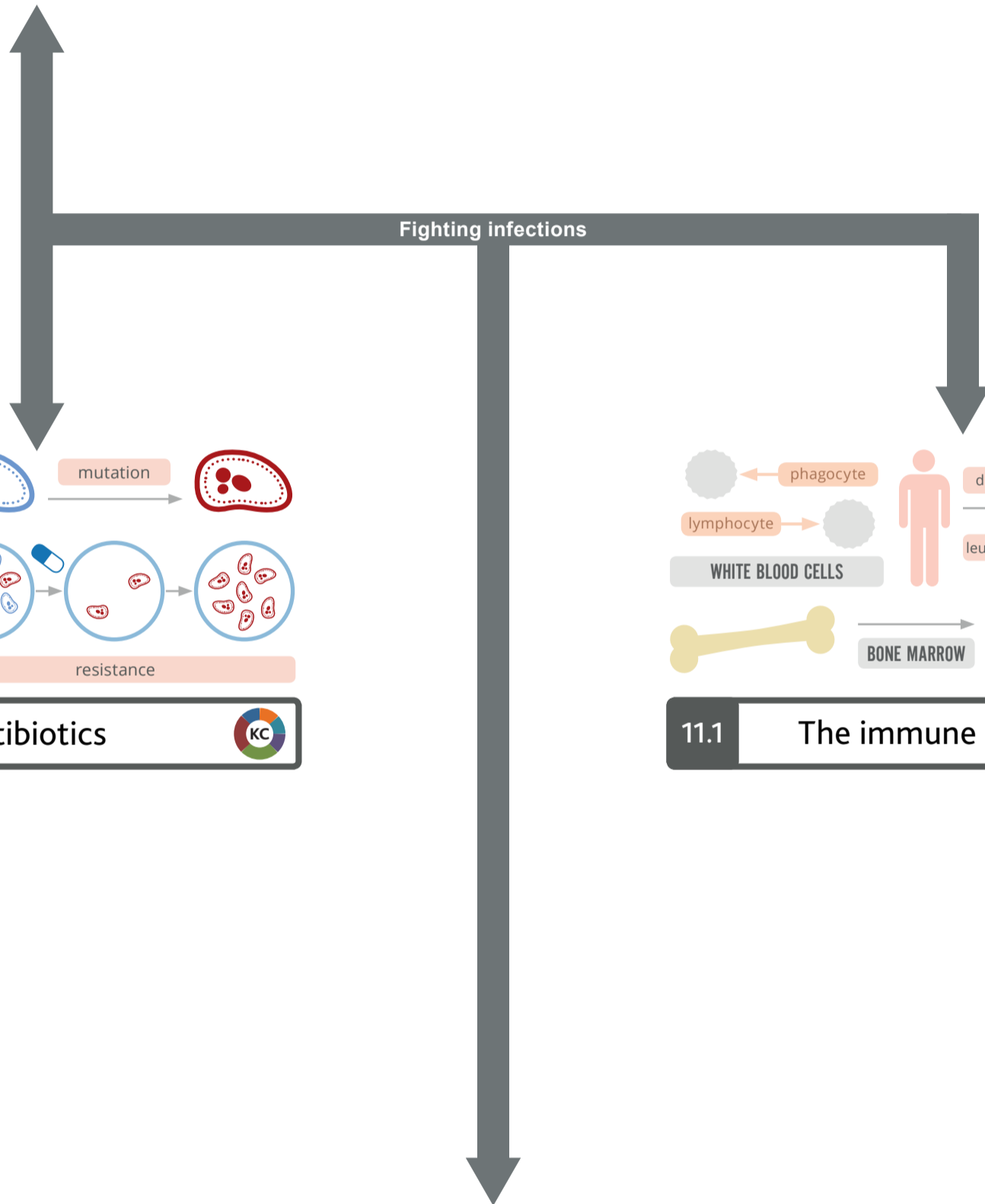
5 Disease and protection against disease



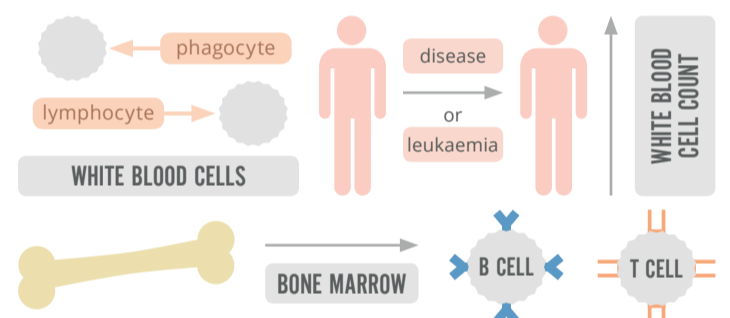
10.1 Infectious diseases



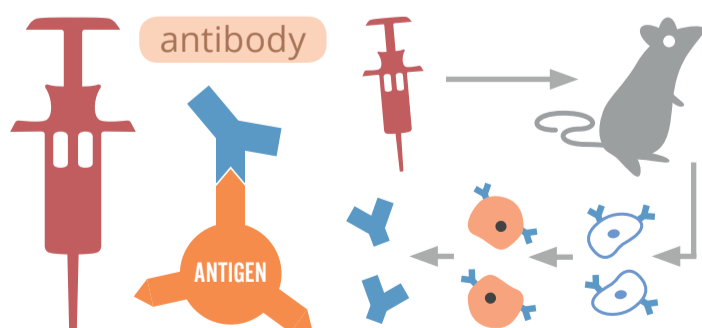
9.2 Smoking



10.2 Antibiotics



11.1 The immune system

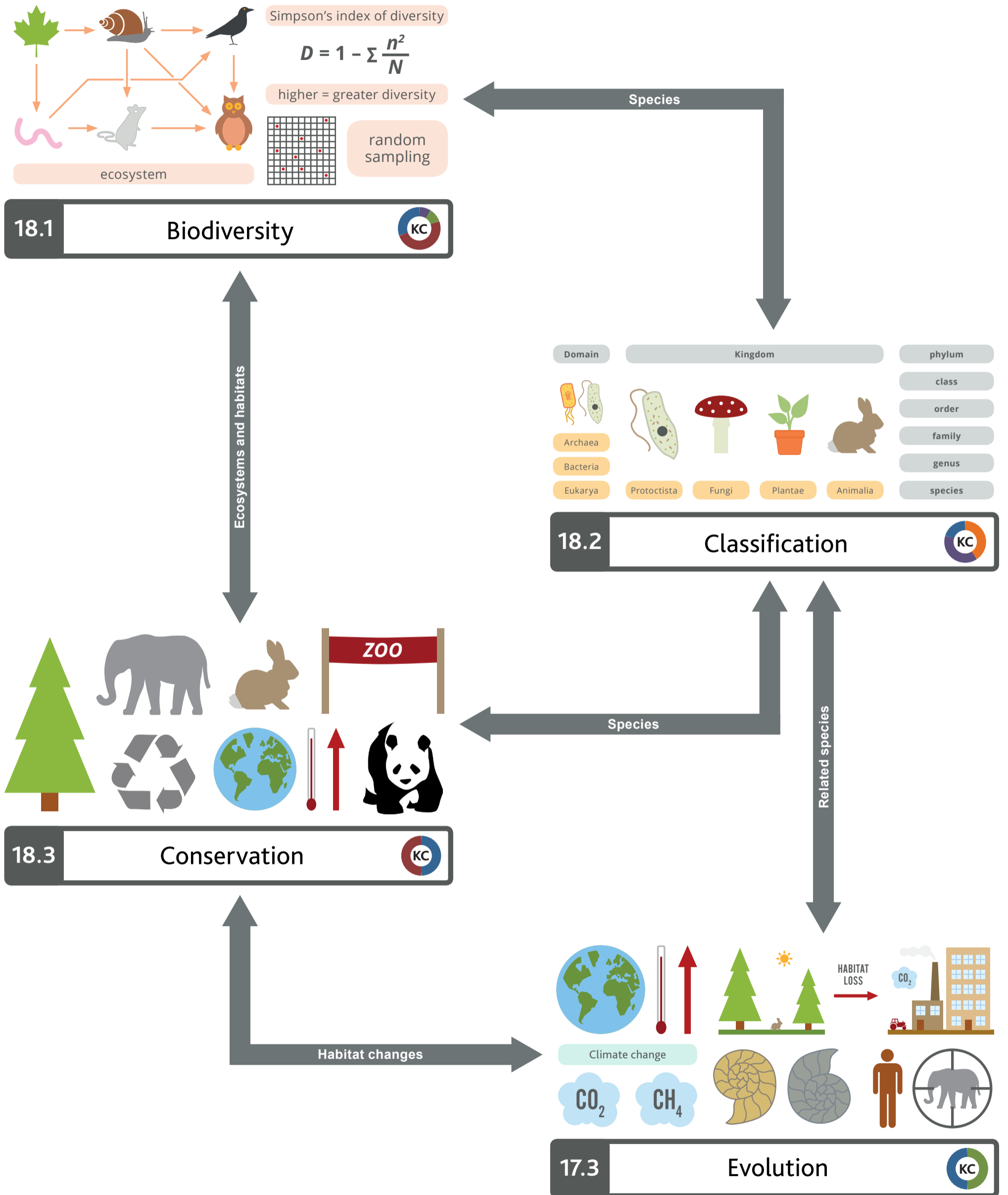


11.2 Antibodies and vaccination

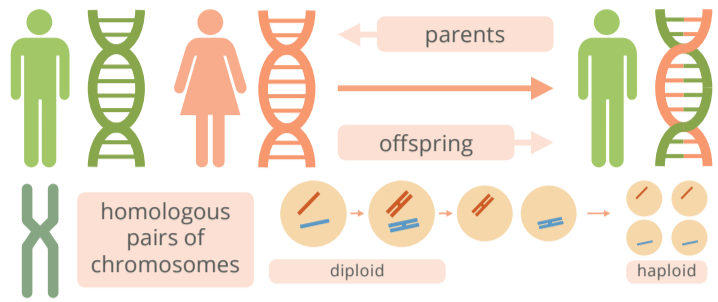


6

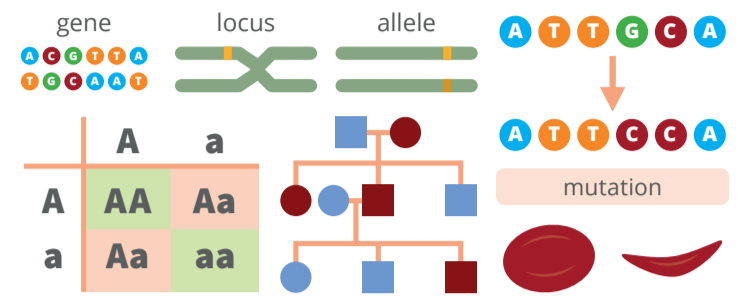
The diversity of life



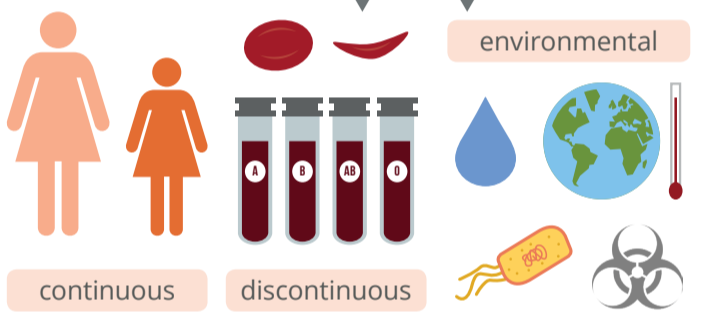
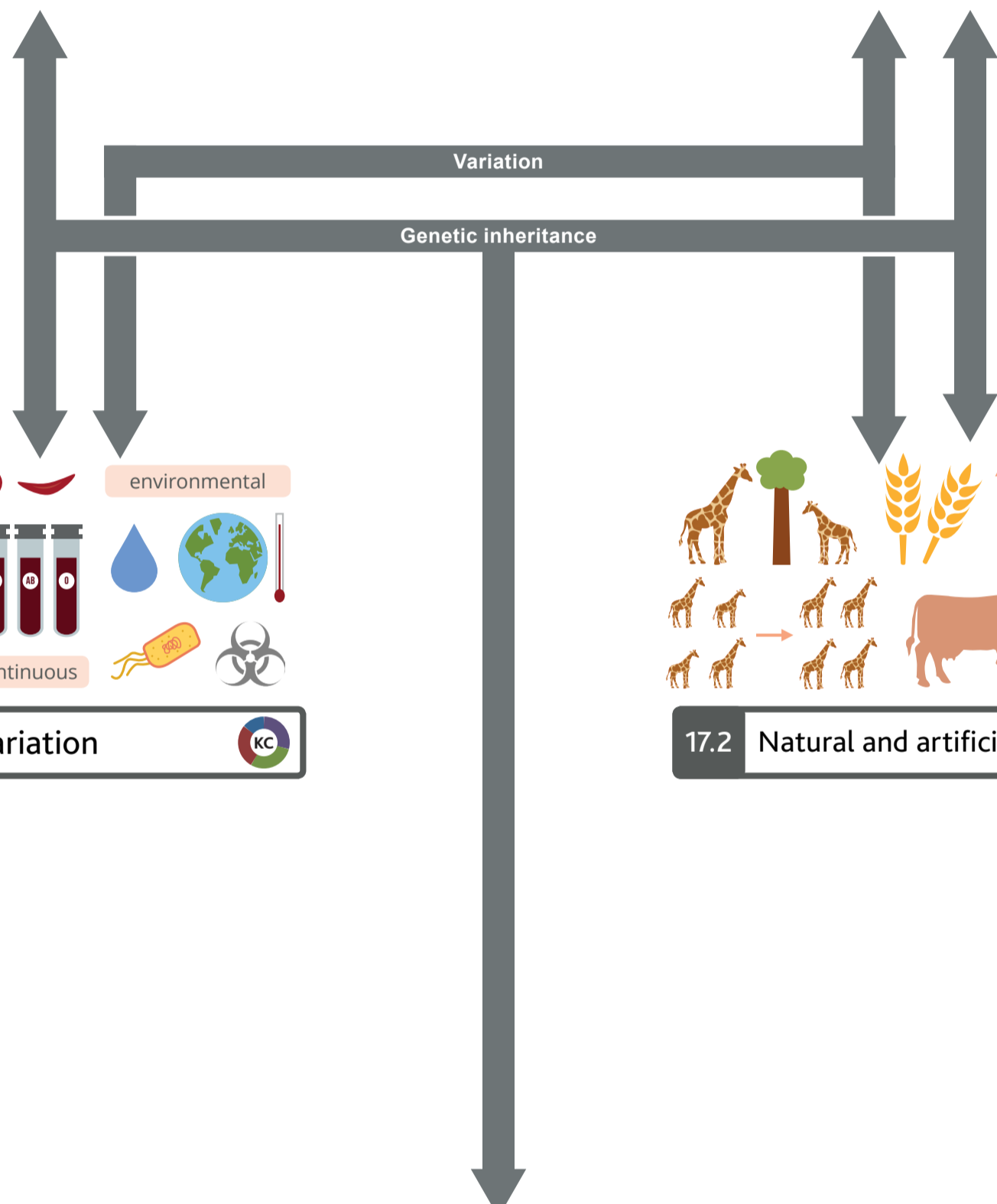
7 Genetics, population genetics and evolutionary processes



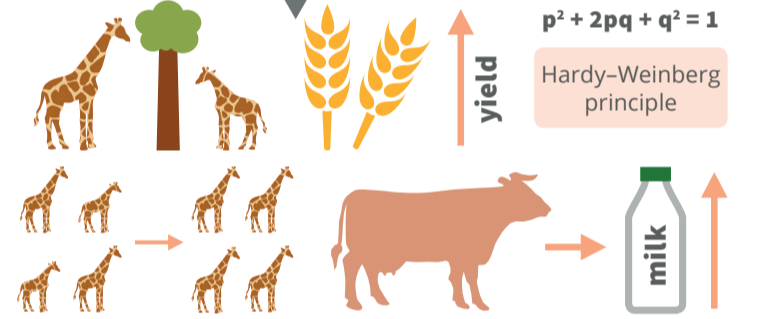
16.1 Passage of information from parent to offspring KC



16.2 The role of genes in determining the phenotype KC



17.1 Variation KC

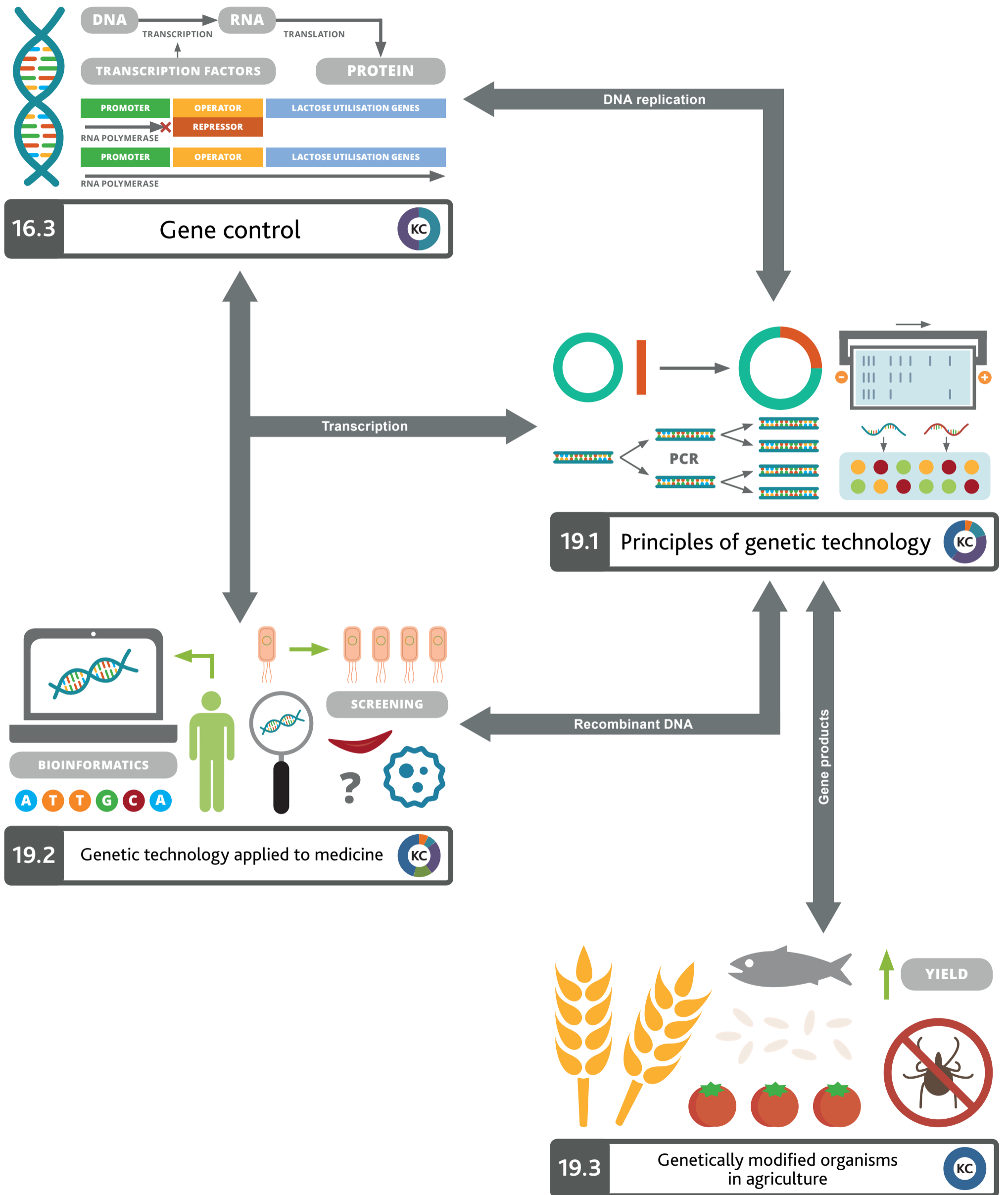


17.2 Natural and artificial selection KC



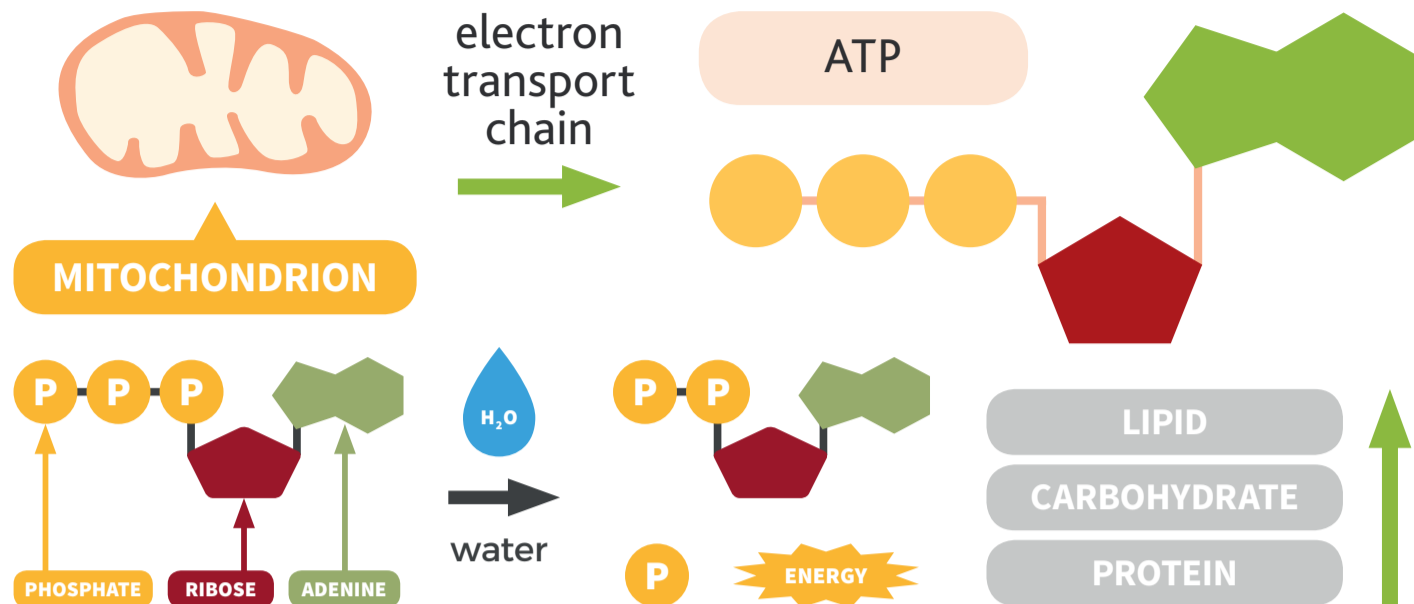
17.3 Evolution KC

8 Molecular biology and gene technology

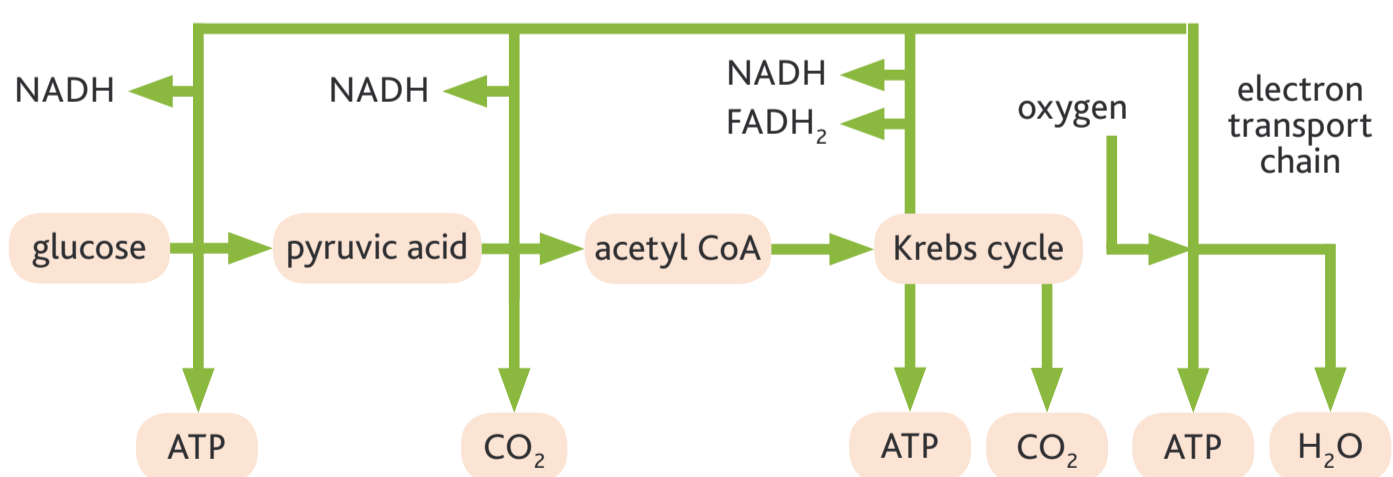


9

Respiration



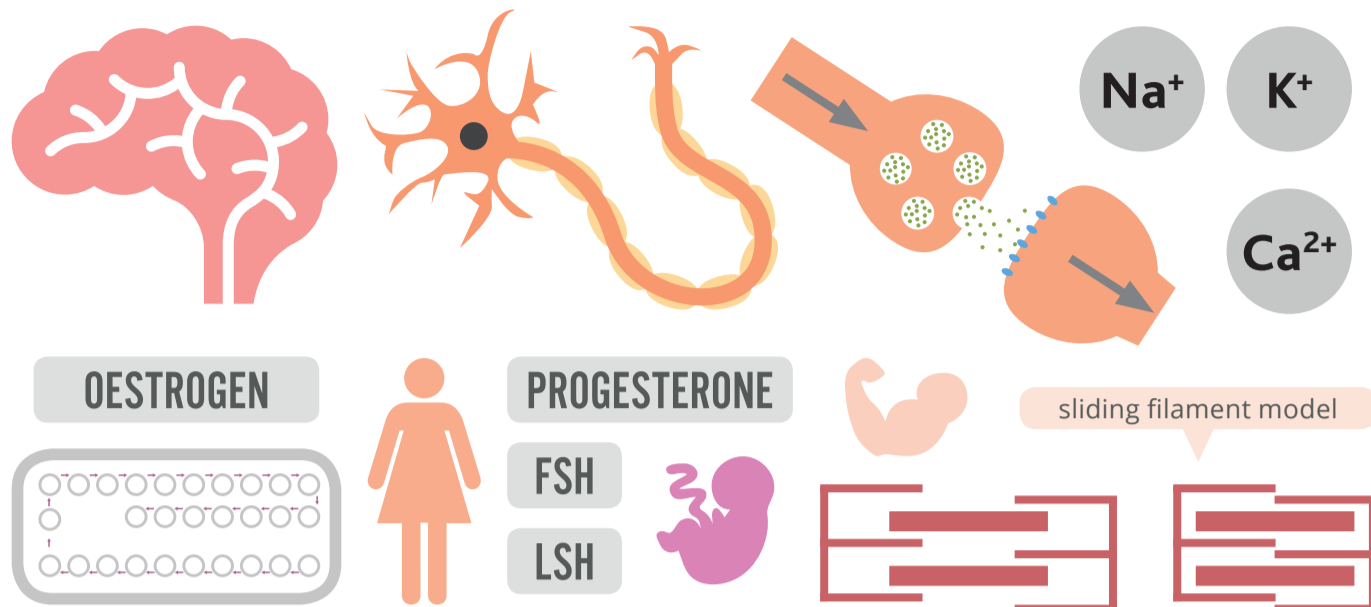
12.1 Energy



12.2 Respiration

10

Mammalian physiology, control and coordination

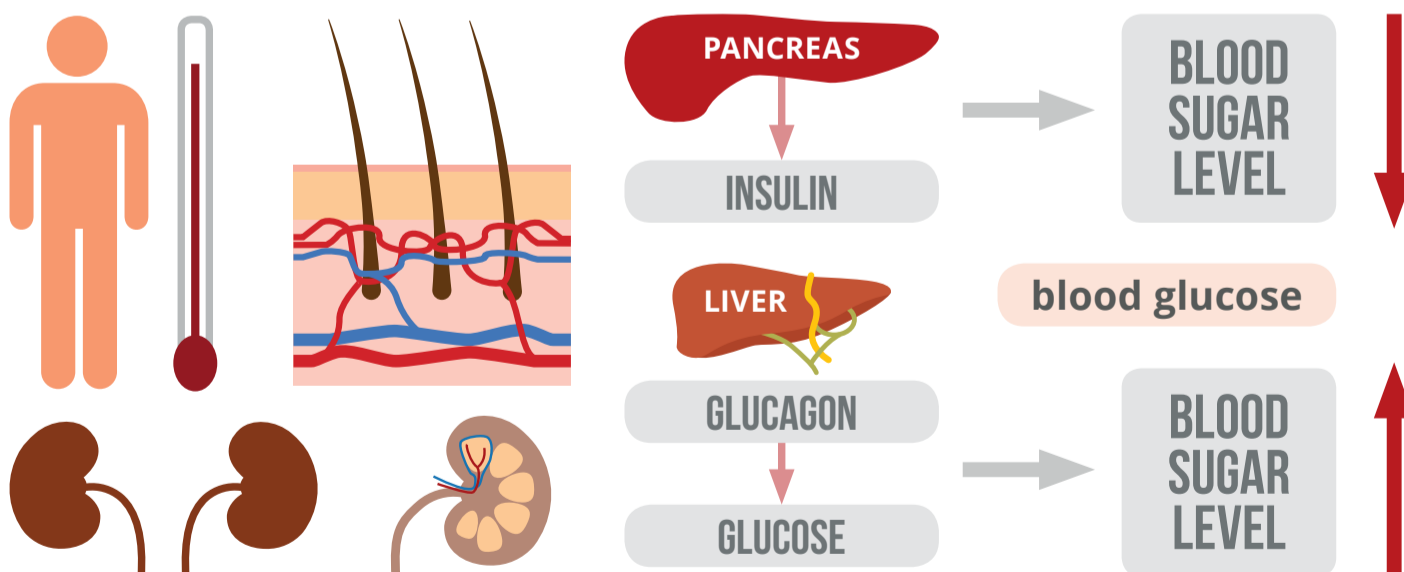


15.1

Control and coordination in mammals



Hormones



14.1

Homeostasis in mammals



11 Plant physiology and biochemistry

