

REGULATION

Describe the control of the movement of molecules across the cell membrane.

REGULATION

Describe & diagram the regulation of blood sugar.

REGULATION

Describe & diagram the regulation of osmolarity of the blood

REGULATION

Describe & diagram the regulation of metabolism by thyroxine

REGULATION

Describe & diagram the regulation of body temperature in mammals

REGULATION

Describe the regulation of population size by natural controls.

REGULATION

Describe the regulation of plant growth by a plant hormone.

REGULATION

Describe the regulation of genes in bacteria through a repressible operon.

REGULATION

Describe the regulation of genes in bacteria through an inducible operon

REGULATION

Describe the regulation of genes in eukaryotes

REGULATION

Describe the allosteric regulation of an enzyme. Give an example.

REGULATION

Describe & diagram the regulation of calcium ion concentration in blood

REGULATION

Describe & diagram the regulation of the human female reproductive cycle.

REGULATION

Describe & diagram the regulation of pulse rate in mammals

REGULATION

Describe the regulation of ecological succession by fire

REGULATION

Describe the regulation of the cell cycle by cdk & cyclins

REGULATION

Describe the control of the movement of water across the cell membrane

REGULATION

Describe how a hydrophobic hormone, like sex hormones, triggers the response of a target cell

REGULATION

Describe how a hydrophilic hormone, like insulin, triggers the response of a target cell

REGULATION

Explain how B cells protect vertebrates from invasion by pathogens

REGULATION

Explain how T cells protect vertebrates from invasion by pathogens

REGULATION

Explain how the innate immune system protects animals from invasion by pathogens

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