

Concept Mapping For Final Exam (use your own linker terms)

1. Main Term:

Defense & Immunity

Terms to link:

Specific Resistance (Immunity)

Non-Specific Defenses

Skin

Mucous

Tears

Digestive juices

Complement

Natural killer cells

Phagocytosis

Lymphocytes

Interferons

B-cells

T-cells

Plasma Cells

Antibodies (Immunoglobulins)

T helper cells

T killer (cytotoxic T) cells

Acquired Immunity

Active Immunity

Innate Immunity

Passive Immunity

Naturally Acquired Active immunity

Induced active Immunity

Naturally Acquired passive immunity

Induced passive immunity

Antigen

IgG

IgM

IgA

IgD

IgE

Sensitization

Activation

Differentiation and Division

Memory T Cells

Active Cytotoxic T Cells

Memory B Cells

Active B Cells

Perforins

Target Cell Death

2. Main Term:

Gas Exchange

Terms to link:

Oxygen (O_2)

Carbon Dioxide (CO_2)

Hemoglobin

Plasma

Partial pressure of oxygen (PO_2)

Partial pressure of carbon dioxide (PCO_2)

Pulmonary artery

Pulmonary Capillary

Pulmonary vein

External respiration

Internal respiration

Bicarbonate ion (HCO_3^-)

Hydrogen ion (H^+)

Carbonic Acid (H_2CO_3)

Alveoli

Diffusion

3. Main Term:

Gas Transport

Terms to Link:

Oxygen (O_2)

Carbon Dioxide (CO_2)

Hemoglobin

Plasma

Chloride ion

Bicarbonate ion (HCO_3^-)

Hydrogen ion (H^+)

Carbonic Acid (H_2CO_3)