

BIOL 2402 Select Organ List for Organ Based Disease Paper

Endocrine System

- Pituitary Gland
- Thyroid/Parathyroid
- Adrenal Gland (cortex and medulla)
- Diencephalon: Hypothalamus and Pineal

Reproductive System

- Ovaries and Fallopian Tubes
- Uterus and Vagina
- Female Glandular: Mammary, Bartholin
- Testes and Scrotum
- Male Accessory: Prostate, Seminal Vesicles, BBU
- Male Tubular: Epididymis, Vas, Ejaculatory Duct

Development/Genetics

- EEM: Placenta, Amnion, Yolk Sac, Allantois
- Genetic Diseases: Dominance, Co-Dominant, Incomplete Dominance, Sex-Linked Inheritance

Circulatory System

- Heart Mechanical (linings, cardiac muscle, valves)
- Heart Electrical (EKG, conduction system, etc.)
- Blood Vessels (structural, circuit pathways, etc.)
- Blood: Myeloid cell line
- Blood: Lymphoid cell line

Respiratory System

- Nasal Cavity and Pharynx
- Larynx and Trachea
- Bronchus/Bronchioles/Alveolar Ducts
- Lung: Alveoli and Pleura

Urinary System

- Kidneys
- Urinary Bladder and ureters
- Urethra and penis

Digestive System

- Mouth: Teeth, Tongue, Salivary Glands
- Esophagus and Stomach
- Small Intestines
- Large Intestines
- Pancreas
- Liver and Gall Bladder

Nutrition and Metabolism (vitamins, minerals, enzymes, energy pathways, ect.)