





Animals Iotile

- Highly differentiated tissues
- Intercellular junctions
 tissue-specific cadherins
- Extracellular protein fibers – collagen
- Diploid life cycle
- Blastula/gastrula
- embryo













































Organ System	Main Functions
Digestive	Food processing (ingestion, digestion, absorption, elimination)
Circulatory	Internal distribution of materials
Respiratory	Gas exchange (uptake of oxygen; disposal of carbon dioxide)
Immune and lymphatic	Body defense (fighting infections and cancer)
Excretory	Disposal of metabolic wastes; regulation of osmotic bal- ance of blood
Endocrine	Coordination of body activities (such as digestion and metabolism)
Reproductive	Reproduction
Nervous	Coordination of body activities; detection of stimuli and formulation of responses to them
Integumentary	Protection against mechanical injury, infection, dehydra- tion; thermoregulation
Skeletal	Body support, protection of internal organs, movement
Muscular	Locomotion and other movement





















































