

1. Brain

Transmission of nerve impulse
Neurological system process

8. Heart and skeletal muscle

Muscle contraction
Heart development

2. Endocrine tissue

Regulation of hormone levels
Neurological system process

9. GI-tract

Digestion
Chemical homeostasis

3. Lung

Respiratory gaseous exchange
Immune response

10. Pancreas

Proteolysis
Secretion

4. Blood and immune system

Immune response
Cell activation

11. Kidney

Transmembrane transport
Excretion

5. Liver

Oxidation reduction
Steroid metabolic process
Coagulation

12. Female tissue

Female pregnancy
Embryonic morphogenesis

6. Male tissue

Sexual reproduction
Spermatogenesis

13. Skin

Epidermis development
Cell adhesion

7. Adipose tissue

Fatty acid metabolic process
Response to hormone stimulus

