

Fate of the Germ Layers Formed at Gastrulation

Ectoderm

Nervous system and sense organs

Outer layer of skin (epidermis) and its associated structures (nails, hair, etc.)

Pituitary gland

Mesoderm

Notochord

Skeleton (bone and cartilage)

Muscles

Circulatory system

Excretory system

Reproductive system

Inner layer of skin (dermis)

Outer layers of digestive tube and of structures that develop from it, such as part of respiratory system

Endoderm

Lining of digestive tube and of structures that develop from it, such as lining of the respiratory system