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Histology

- Histological techniques
- [Histological Morphology](#)
- [microanatomy](#)
 - [general histology](#)
 - [systemic microanatomy](#)

TISSUE

ISSUE

- connective tissue
- matrix
- fibres
- elastic fibres
- made from protein elastin
- collagen fibres
- types
- type 1
- type 2
- type 3 or reticular fibres
- type 4
- bone
- flat bones
- long bones
- bone marrow
- red bone marrow
- yellow bone marrow
- cartilage
- hyaline cartilage
- fibrous cartilage
- elastic cartilage
- blood
- blood cells
- red blood cells
- platelets
- white blood cells
- nervous tissue
- [nerve](#) fibre or neuron
- pacemaker cells
- sensory receptors
- olfactory receptors
- auditory receptors
- [hair](#) cells
- photoreceptors
- rods and cones

- mechanoreceptors
- thermoreceptors
- nociceptors
- type of neuron based on neurotransmitter
- cholinergic neuron
- adrenergic neuron
- glutaminergic neuron
- GABAergic neuron
- dopaminergic neurons
- serotonergic neurons
- neuropeptide neurons
- orexigenic neurons
- histology of a nephron
- histology of cardiovascular system
- muscular tissue
- cardiac [muscle](#)
- myocardial [cell](#)
- smooth [muscle](#)
- smooth [muscle cell](#)
- skeletal [muscle](#)
- myocyte
- epithelial tissue
- stratified tissue
- transitional epithelium
- simple tissue
- Simple squamous epithelium
- squamous [cell](#)
- simple cuboidal epithelium
- cuboidal [cell](#)
- simple columnar epithelium
- columnar [cell](#) (pillar like)
- tissue of different systems
- endothelial [cell](#)
- intestinal epithelial [cell](#)
- renal tubular epithelium
- alveolar epithelium
- germinal epithelium
- exocrine [gland](#) epithelium
- endocrine [gland](#) epithelium
- hepatocyte
- HISTOLOGY OF BRAIN
- histology of cerebral cortex
- consists of 6 layers of neurons
- type 1 layer
- type 2 layer
- medium pyramidal neurons
- type 3 layer
- type 4 layer
- type 5 layer
- type 6 layer
- type 7 layer

- histology of basal ganglia
- medium spiny neurons
- histology of limbic system
- histology of thalamus
- nucleus
- histology of hypothalamus
- histology of hippocampus
- histology of amygdala
- histology of
- histology of medulla oblongata
- histology of pons
- histology of spinal cord
- contains
- sensory nuclei
- motor nuclei
- histology of respiratory tract
- respiratory mucosa
- histology of gastrointestinal system
- mucosa

SYSTEMIC HISTOLOGY

GLANDS

EXOCRINE GLANDS

- PAROTID GLAND
- Salivary gland
- LIVER
- PANCREAS

LYMPHATIC ORGANS

- spleen
- lymph node
- tonsil
- thymus

ENDOCRINE GLANDS

- pituitary gland
- adrenal gland
- thyroid gland
- parathyroid gland
- ovary
- testis

VASCULAR SYSTEM

- [ARTERY](#)
- [vein](#)

DIGESTIVE SYSTEM

- [lip](#)
- [tongue](#)
- [oesophagus](#)
- [stomach](#)
- [duodenum](#)
- [jejunum](#)
- [ileum](#)
- [colon](#)
- [appendix](#)

RESPIRATORY SYSTEM

- [lungs](#)
- [trachea](#)
- [epiglottis](#)
- [bronchus](#)

- Cardiac [muscle](#)

NERVOUS SYSTEM

- [Spinal ganglion](#)
- [Autonomic ganglion](#)
- [cerebrum](#)
- [cerebellum](#)
- [cornea](#)
- [retina](#)

REPRODUCTIVE SYSTEM

- [fallopian tube](#)
- [uterus](#)
- [breast](#)

- [penis](#)
- [epididymis](#)
- [seminal vesicle](#)
- [vas deferens](#)

- [prostrate](#)

EXCRETORY SYSTEM

- [urethra](#)
- [URINARY BLADDER](#)
- [ureter](#)

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