DR. N. D. GUNN'S

Histological Sketching Book

McGill University.

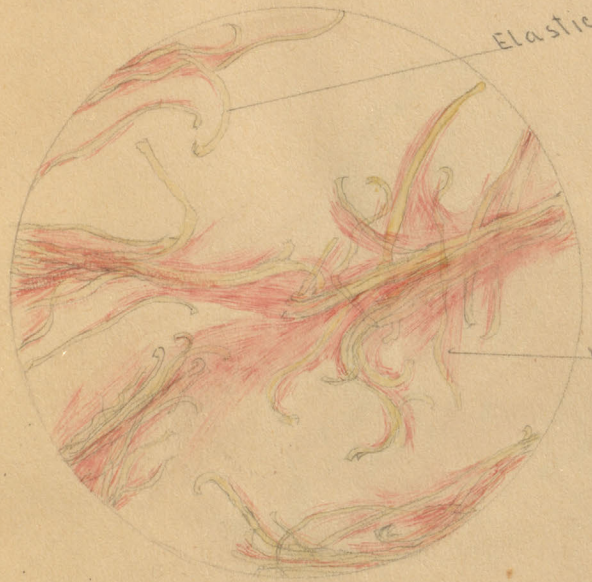
Name J. H. Atkinson.

Address [illegible]

J. H. Atkinson.

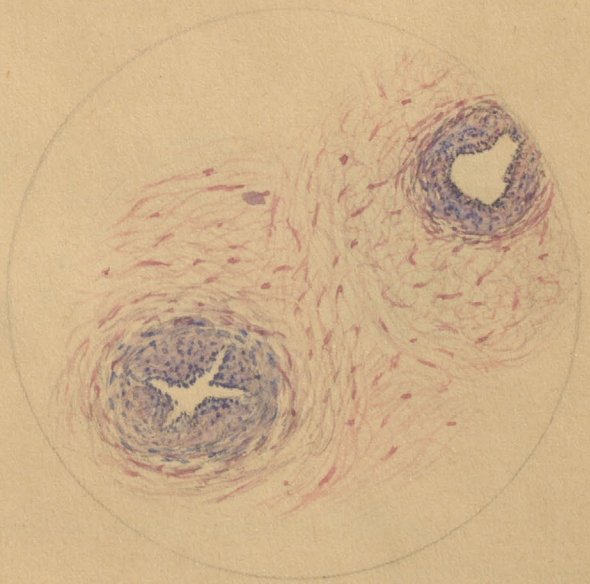
Blood cells.

Fat cells



From Ligamentum Nuchae

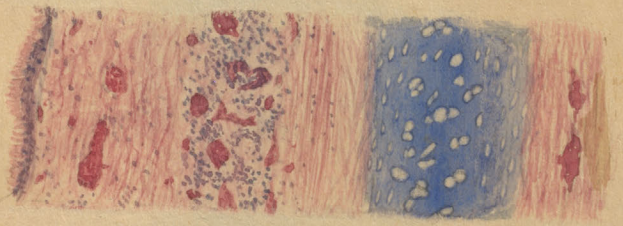
high power



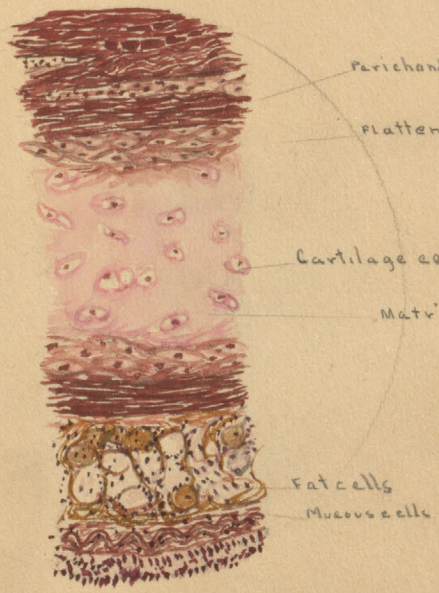
Umbilical cord

Low power

Umbilical cord - Showing
Embryonal tissue.
High power

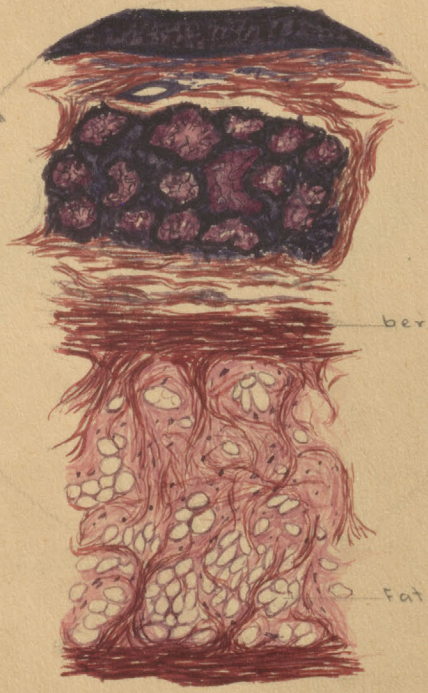


Section From Trachea - Showing
Ciliated Epithelium
high power



Section of Hyaline Cartilage

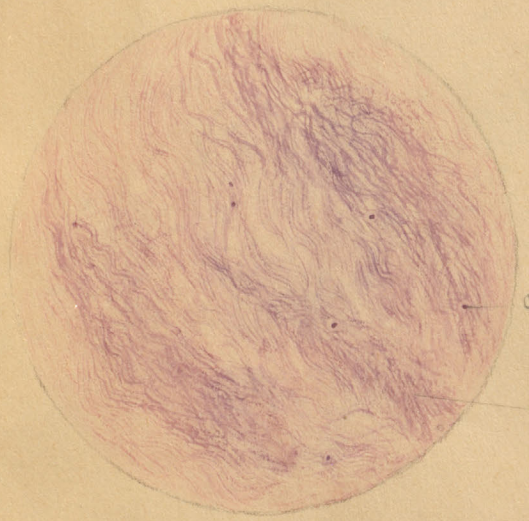
high power



Section of Elastic Cartilage showing

Matrix interlaced with Elastic Fibres

high power.

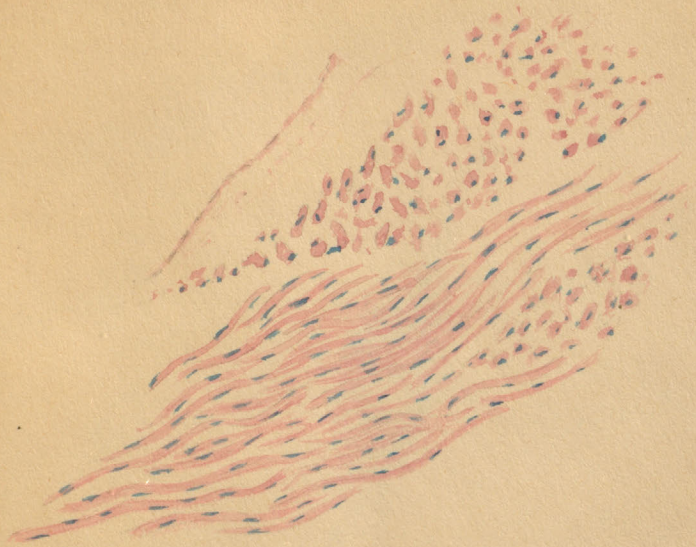


Section of Fibro Cartilage

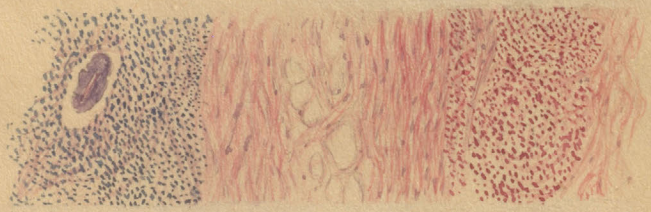
high power

Striped Voluntary Muscle

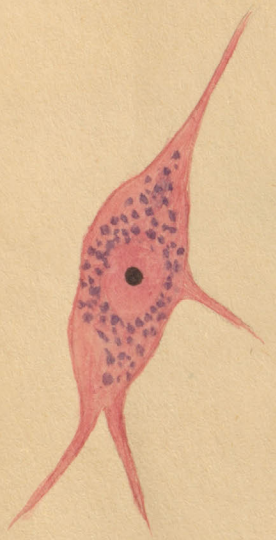
high power



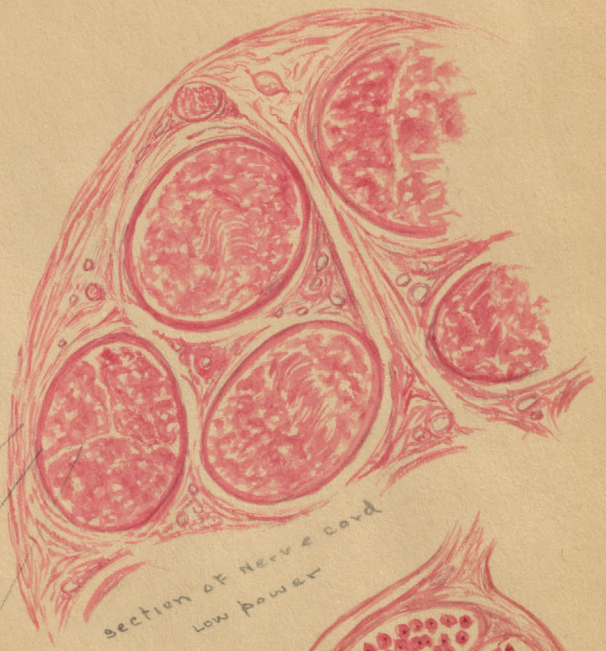
Section from tongue. Showing
Voluntary Striated Muscle
high power

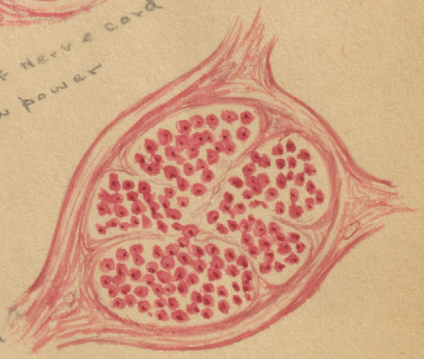


Section from Appendix.
high power



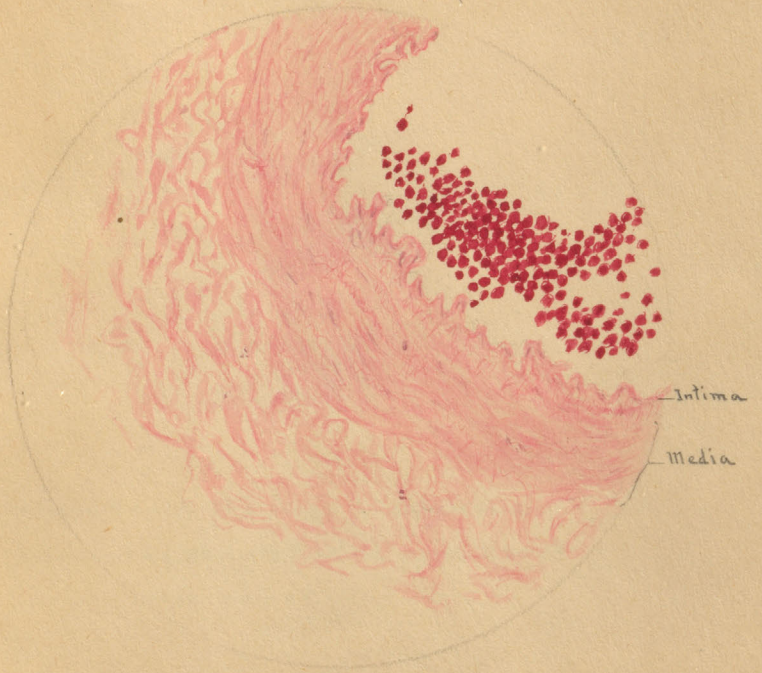
high power
showing ganglated cell





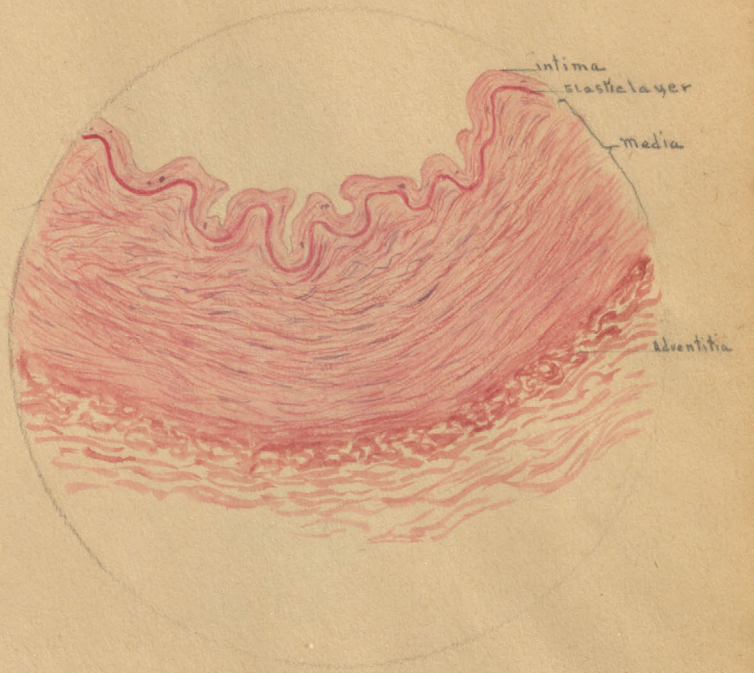
high power

high power



Section of Vein -

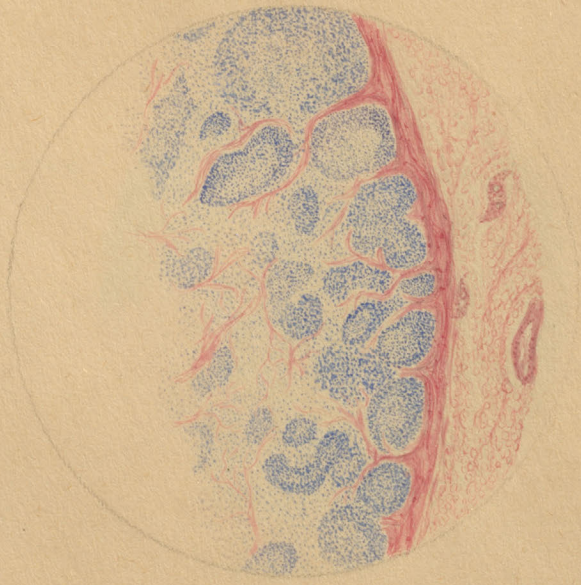
high power -



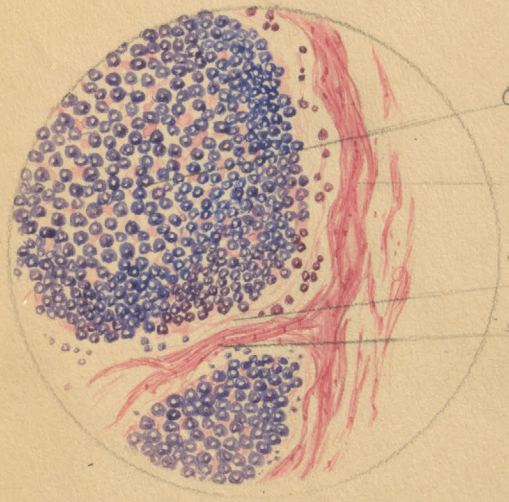
Section of artery

high power -

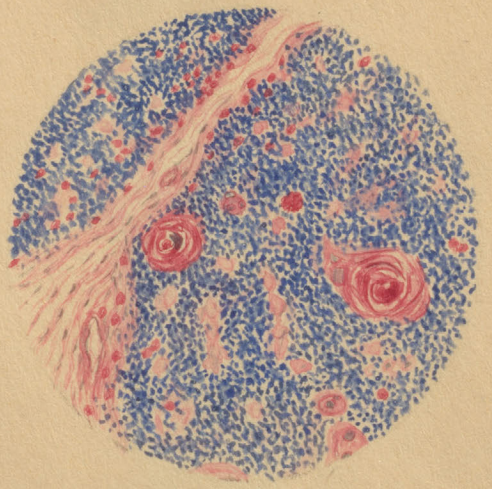
Section from Heart showing; Anastomosis,
Involuntary striated muscles of Heart
High power



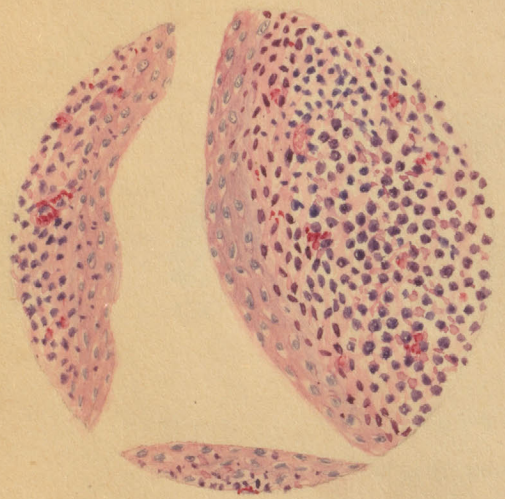
Section of Lymph Nodes – Low power



Section of lymph nodes - high power



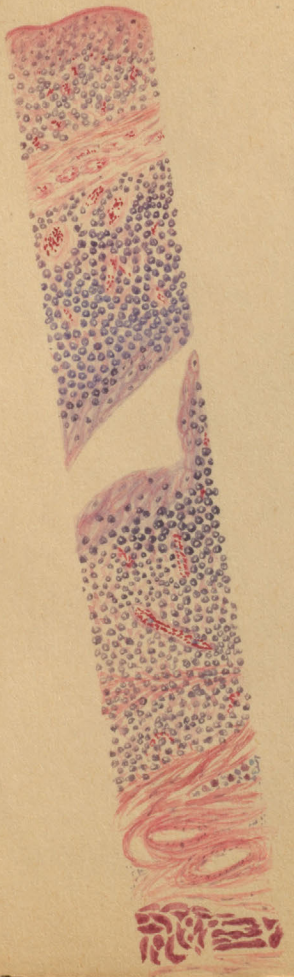
high power
Section From Thymus Gland - Showing
Hassall's Corpuseles

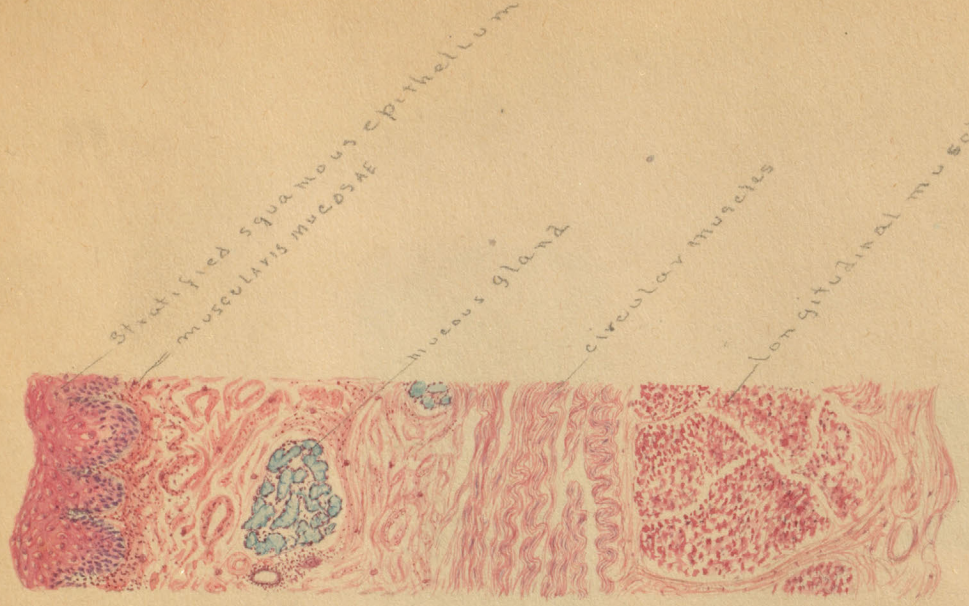


Section of tonsil - high power

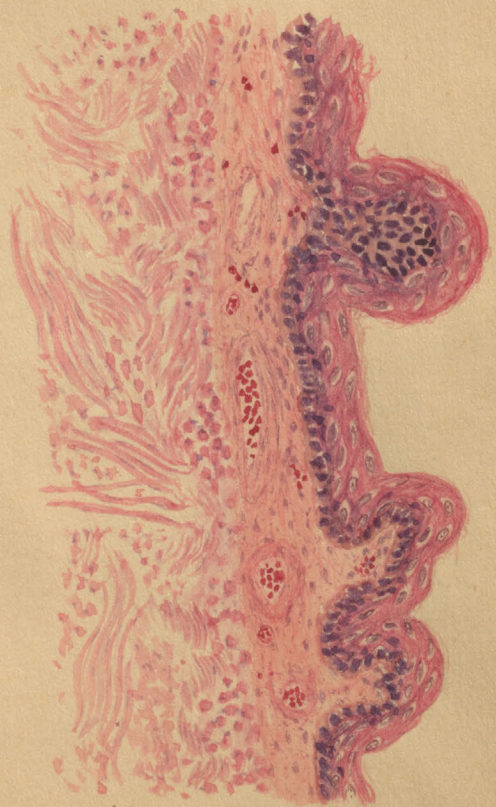
Showing crypt.

section of tonsil
high power.

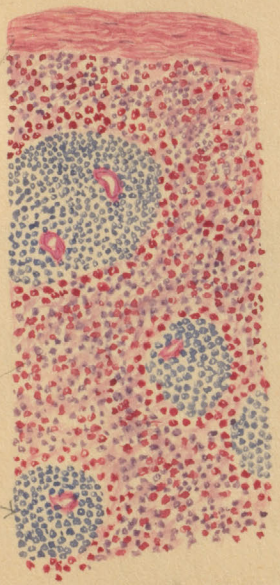




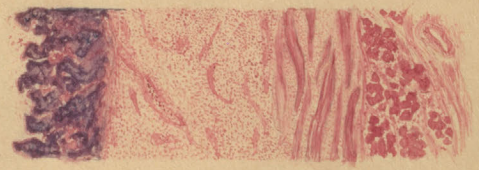
Section of Oesophagus -
showing the four coats
high power.



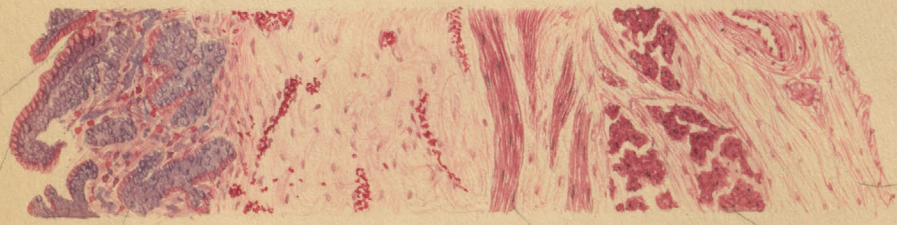
section of tongue - high power
showing papillae.



Section of Spleen
high power.
Showing: Capsule: Malpighian bodies.
and Spleen pulp.

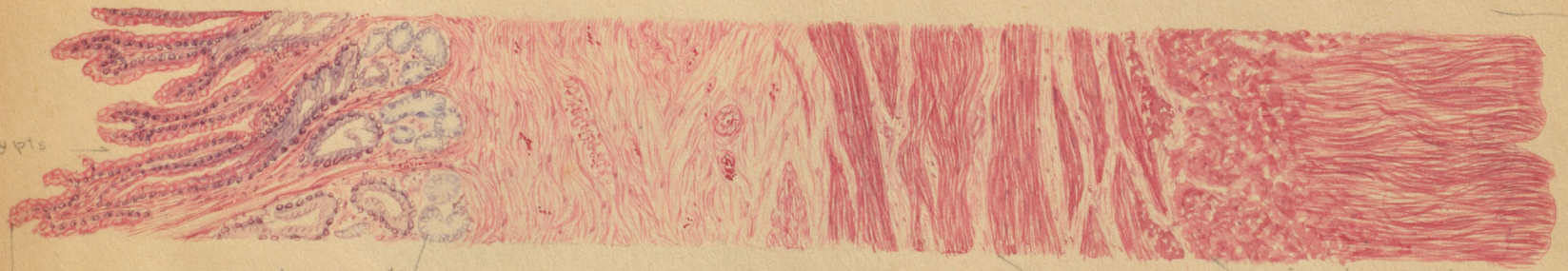


Section of Stomach: Cardiac end
Low power.



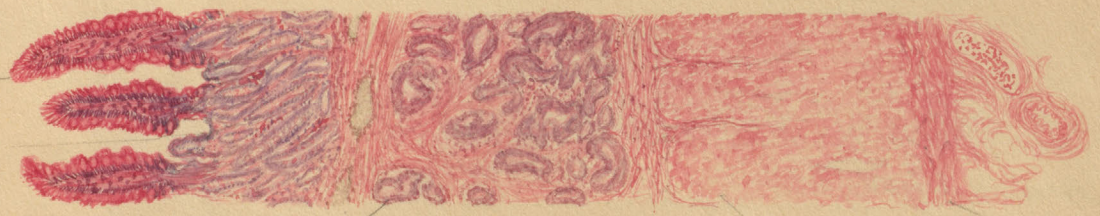
Section of Stomach - Cardiac end

- high power -



Section of Stomach - Pylorie end

high power

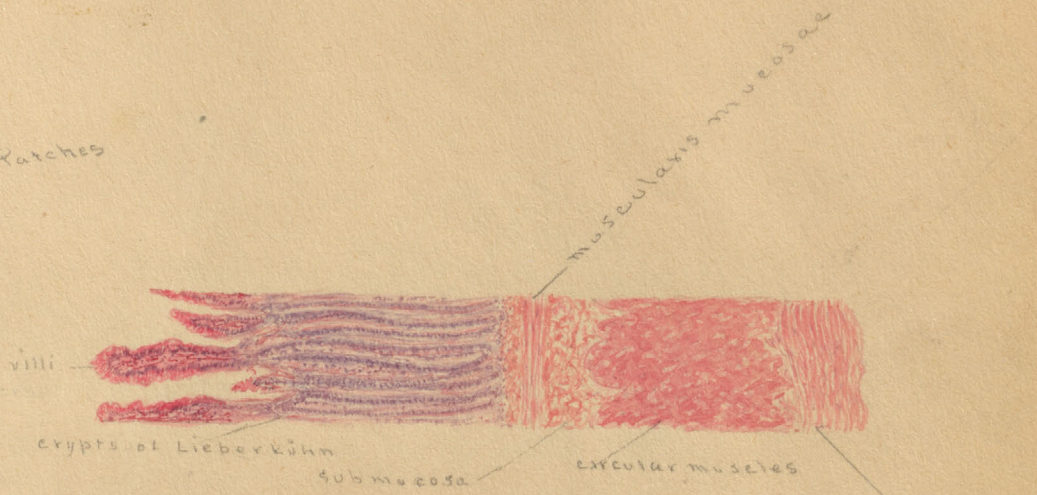


Section of duodenum

high power

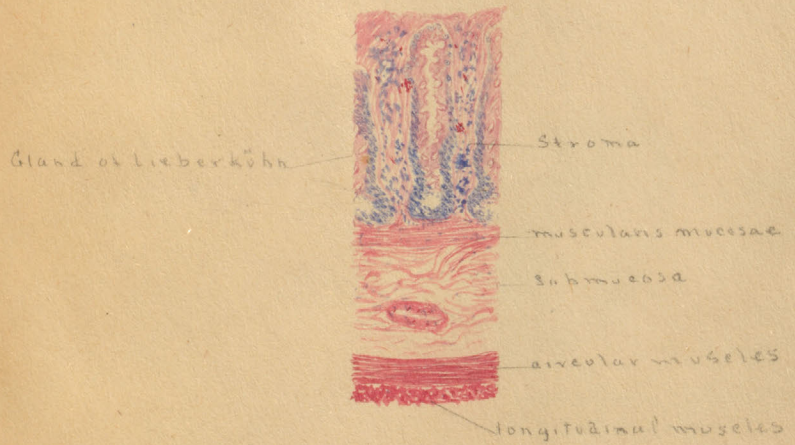
Section of Ileum

high power.



Section of Jejunum-

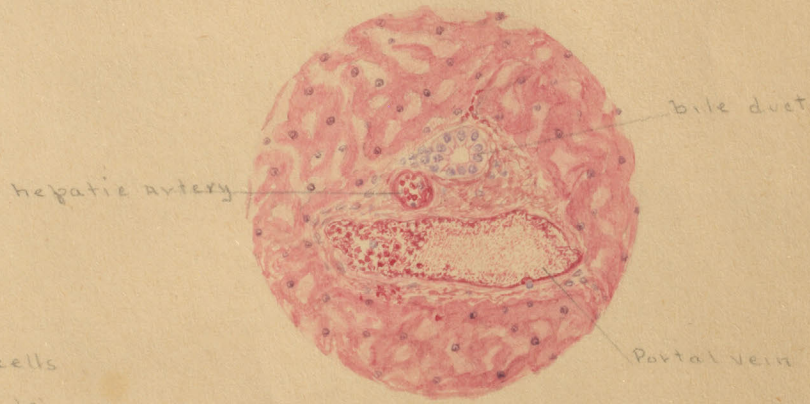
high power.



LARGE INTESTINE

Section of Pancreas

Section of Salivary Gland

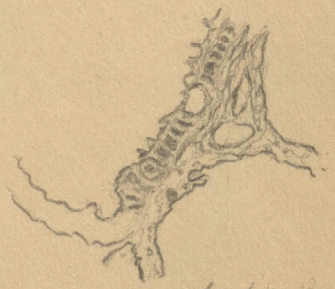


Section of Liver.
Showing Portal canal.

Section of bone.

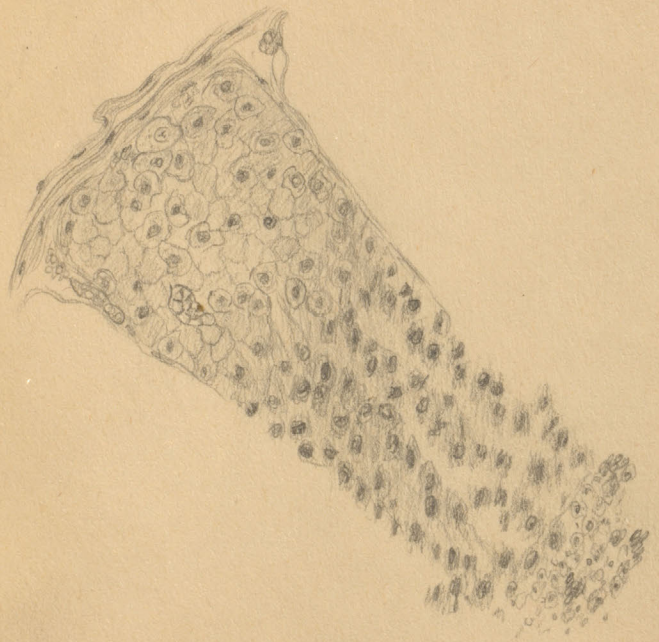
high Power

Lung Low power
showing Alveolus



High power
showing alveolar wall

Adrenal



Thyroid

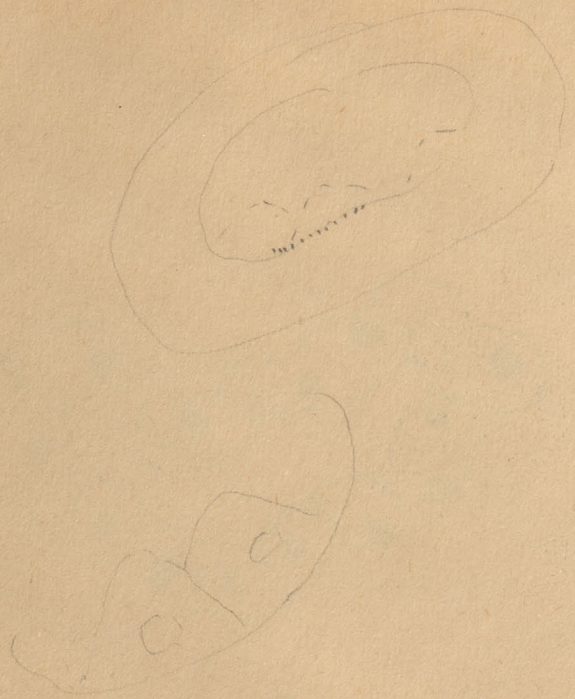
Low

High

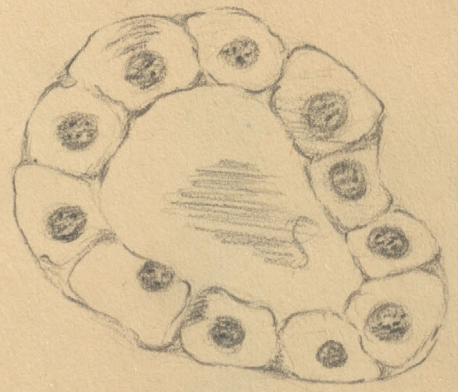
para thyroid

Glomerulus

Proximal

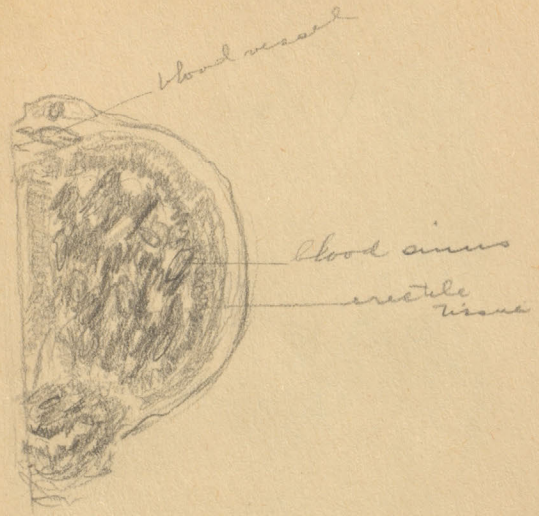


DISTAL

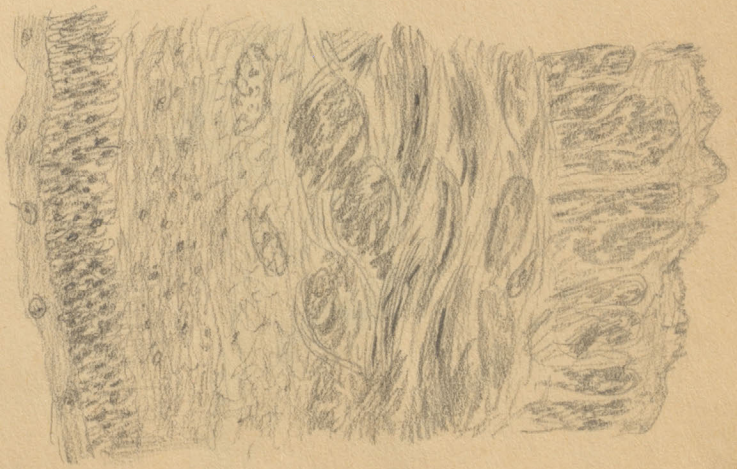


A. L. H.

D. L. H.



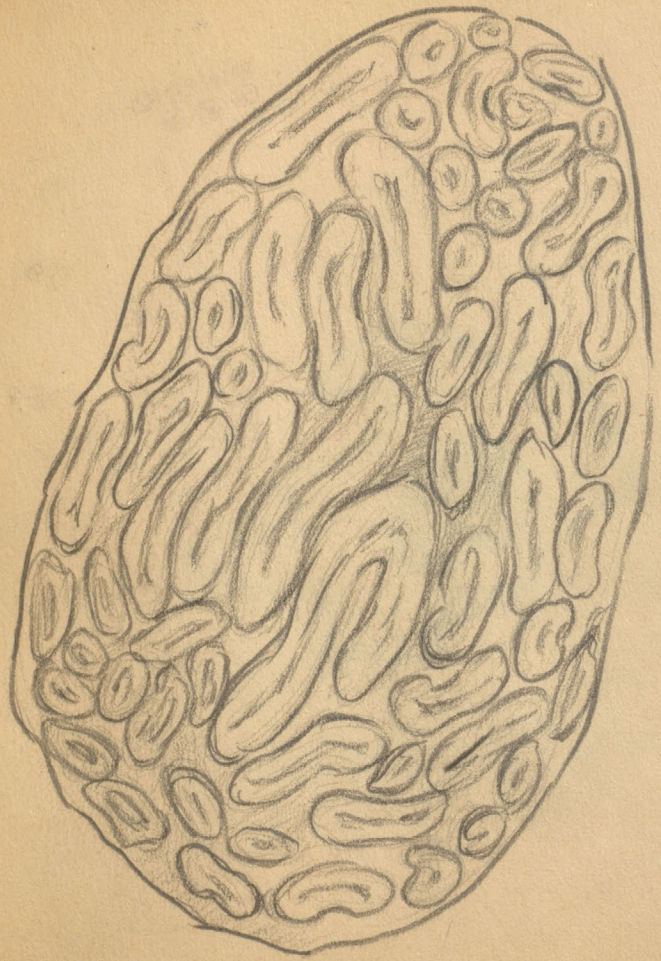
penis



Bladder

H.P.

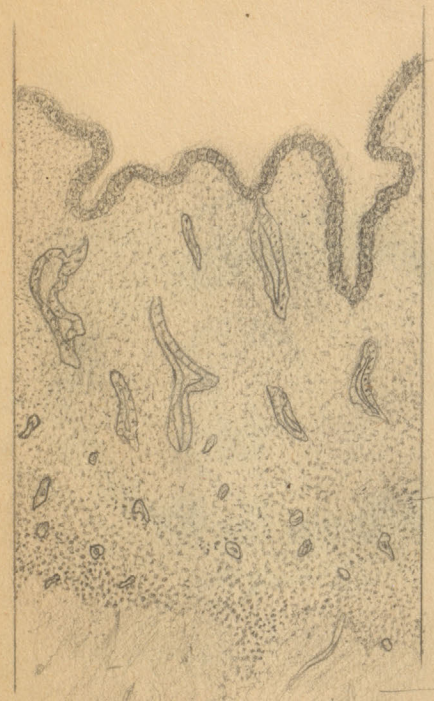
Four muscle layers



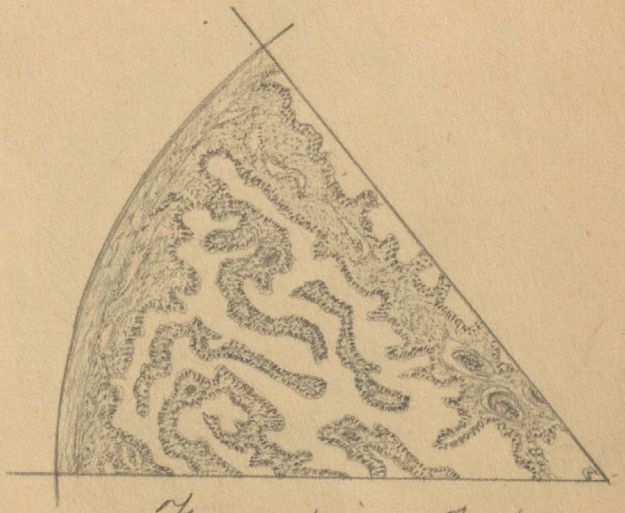
Testicle
Low

High
Convoluted Tubule

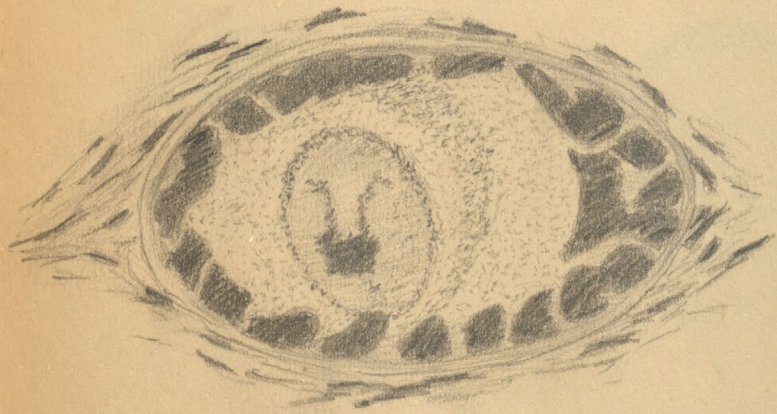
prostate Tubule



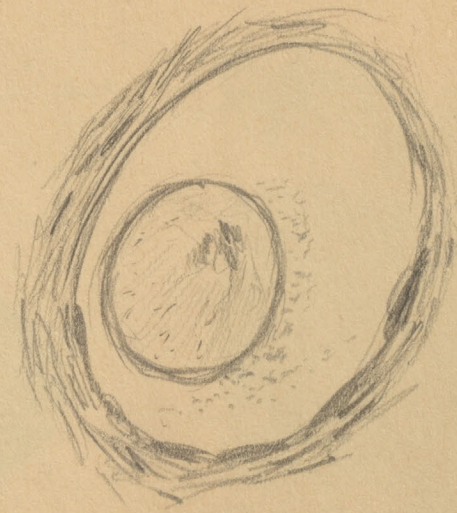
Uterus - Low
showing absence of
muscularis mucosae.



Fallopian Tube
Low power
showing longetudinal
folds.



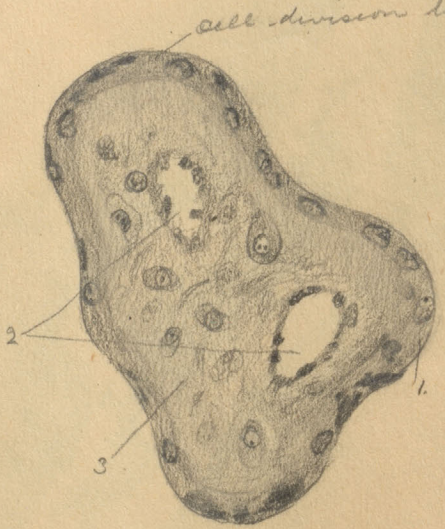
ovum



ovum

Placenta High

Decidual cell from Placenta Uterina.

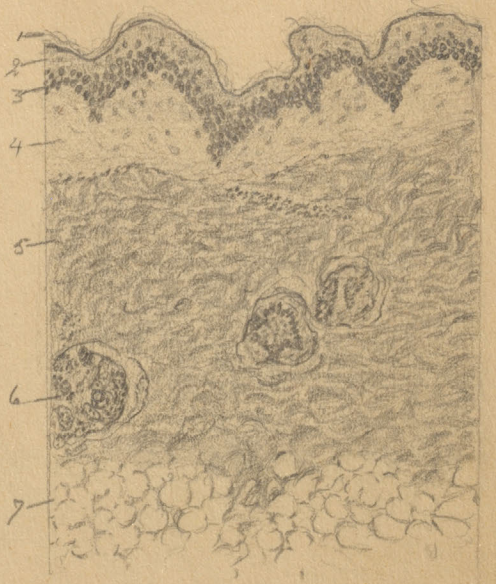


Villus.

1 syncytium
2. Artery + Vein
3. connective tissue

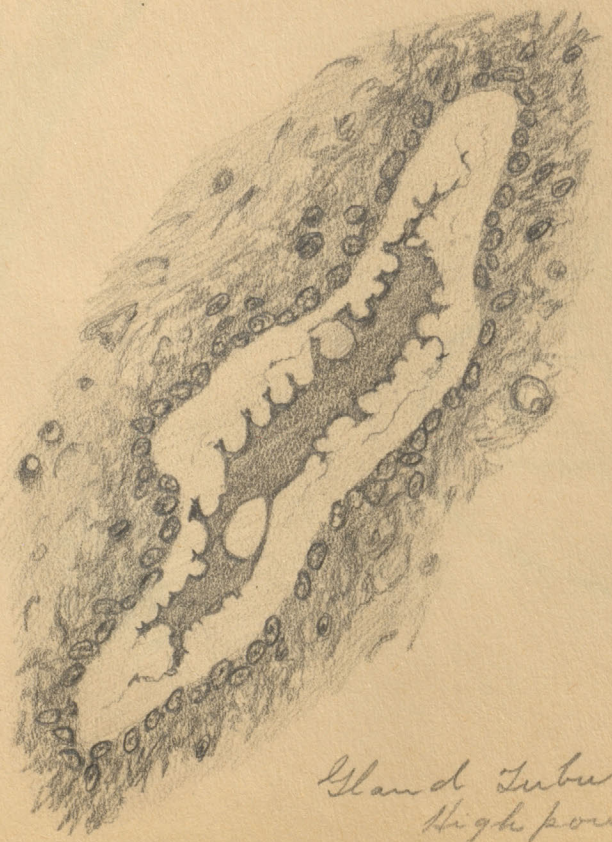
Cell patch = Nuclear Group from side of villus. (aggregated nuclei of syncytium)

Skin Low power

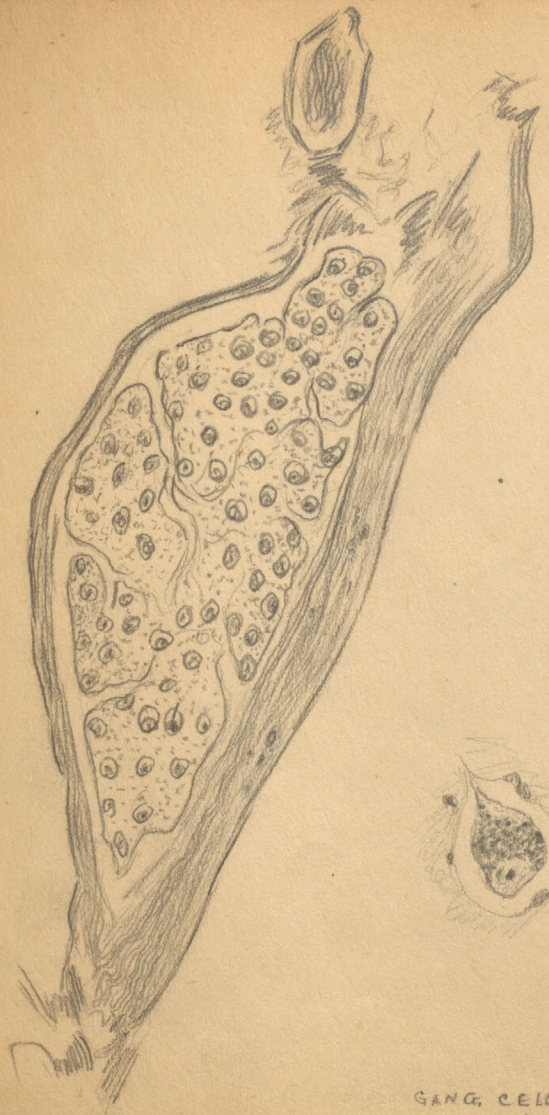


1. Stratum corneum
2. Stratum lucidum
3. Stratum granulosum
4. Pars papillaris
5. Pars reticularis
6. Sudoriferous gland
7. adipose tissue.

Mammary Gland



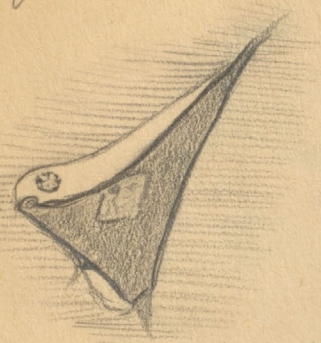
Gland Tubule
High power



GANG. LP

GANG. CELL
H.P.

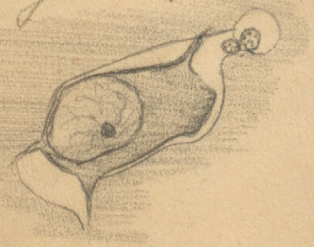
Pyramidal Cell



showing structure

1. gray matter
2. White matter showing tangential fibres.

Polymorphus cell



showing structure

Neuroglia

Pyramidal cell

1. Collateral dentrites
2. apical dentrite
3. pyramidal cell
4. Axon

Dec. 8. 09

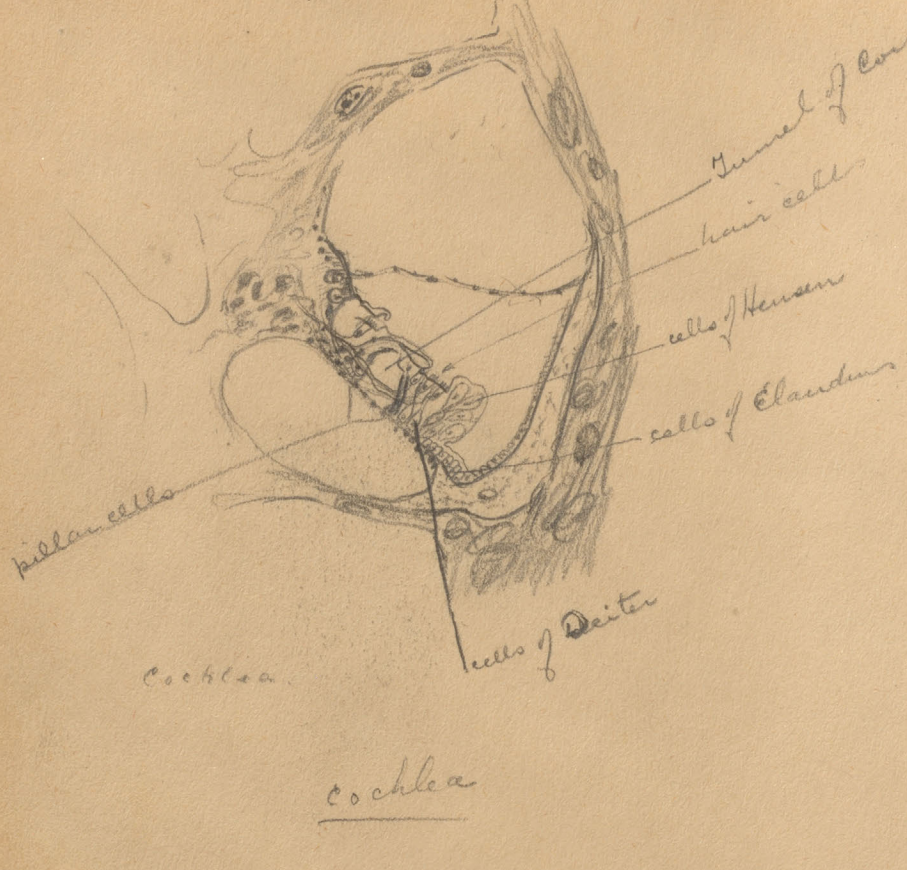

Pituitary body
pars intermedia
colloid material
High
infundibulum
low
purkinje cell
High

Cerebellum

low (weigert)

1. white matter
2. Granular layer of Grey matter
3. purkinje cells
4. molecular layer of Grey matter

Dia 15.



Cochlea

Retina

H.P.

J. H. Atkinson.