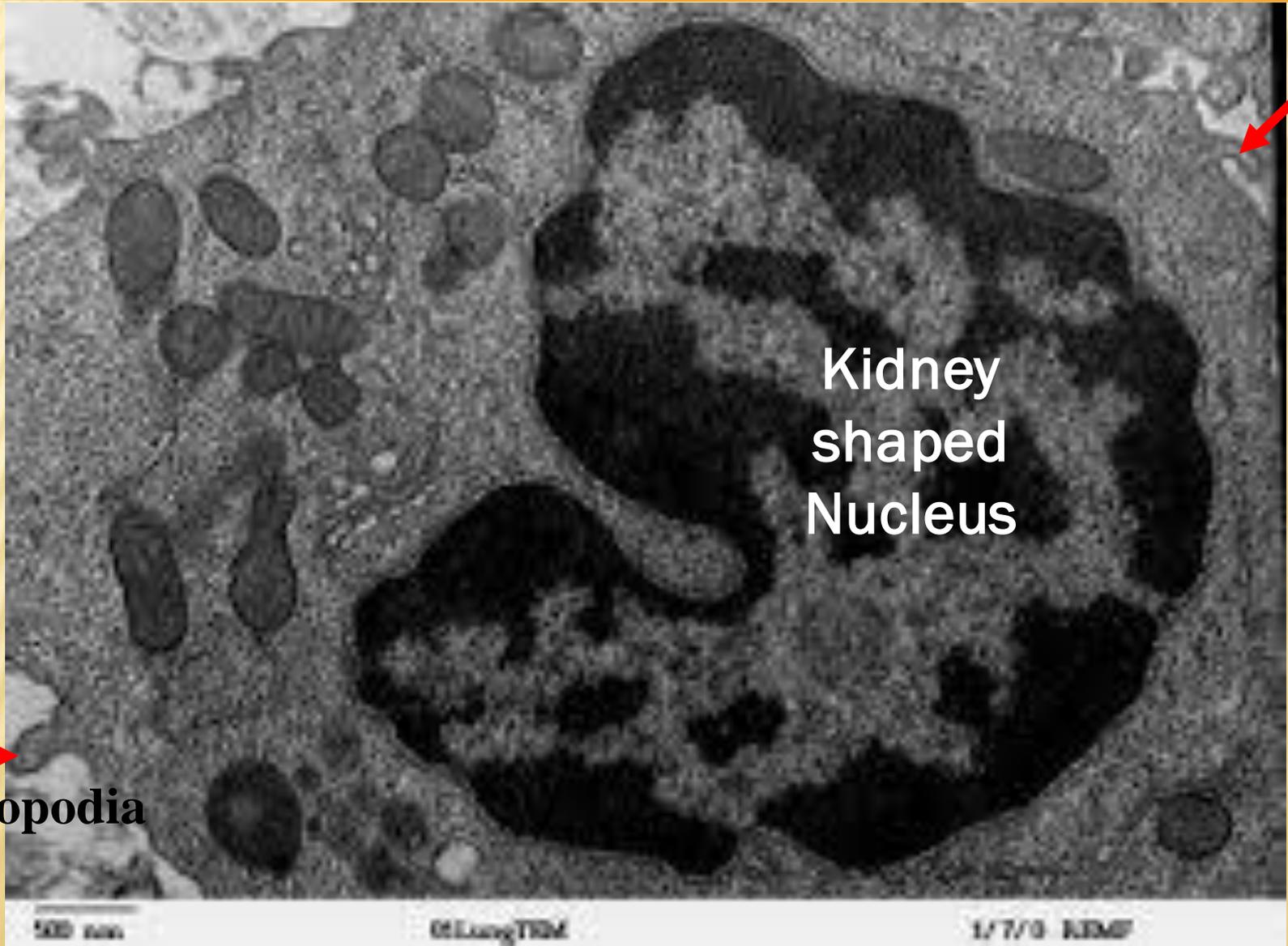


REVISION PRACTICAL

**C.T+BLOOD+MUSCLE+LYMPHATIC+ GIT
LABs**

EM PICTURE OF MACROPHAGE



Kidney
shaped
Nucleus

pseudopodia

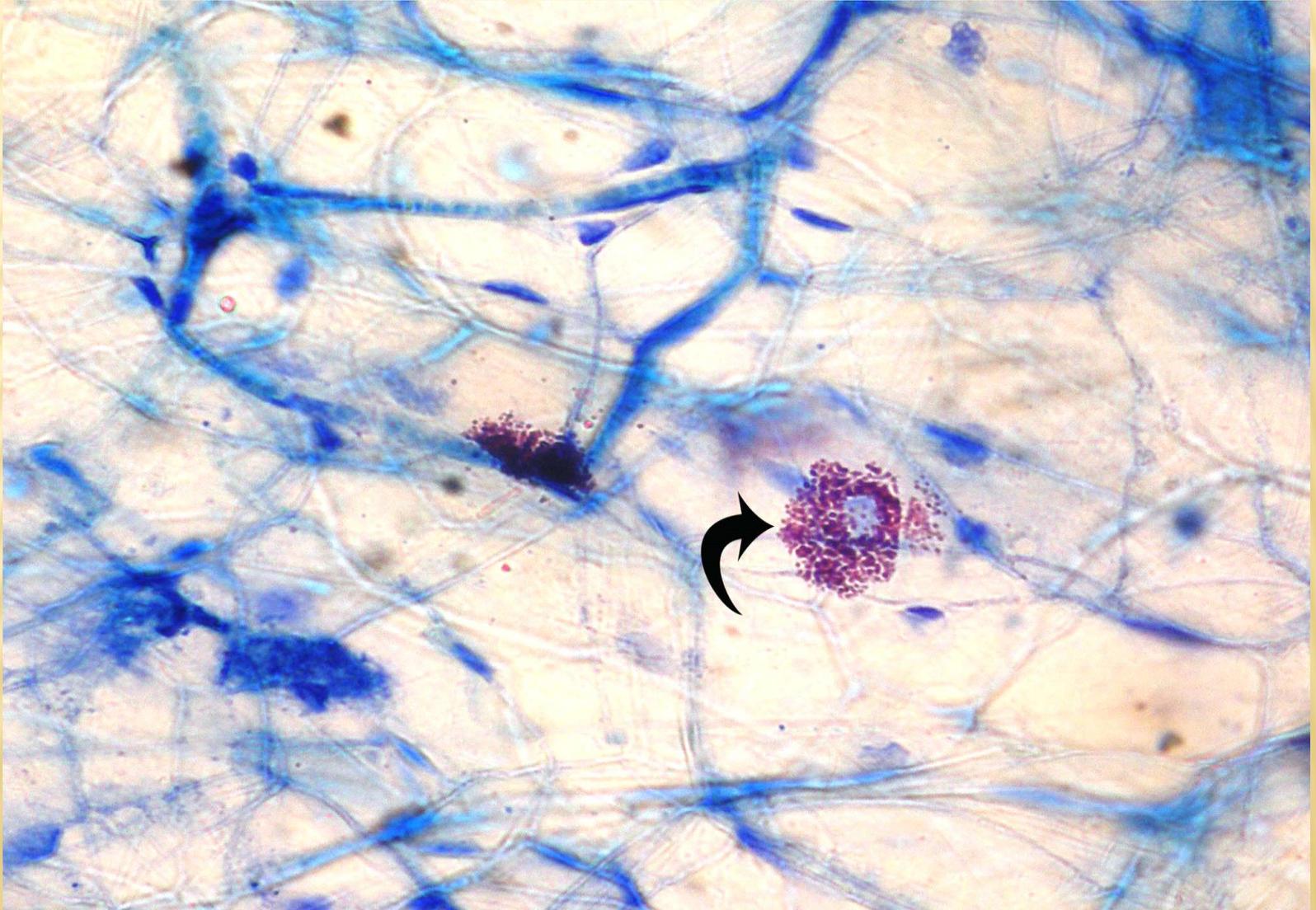
500 nm

GCLungTDM

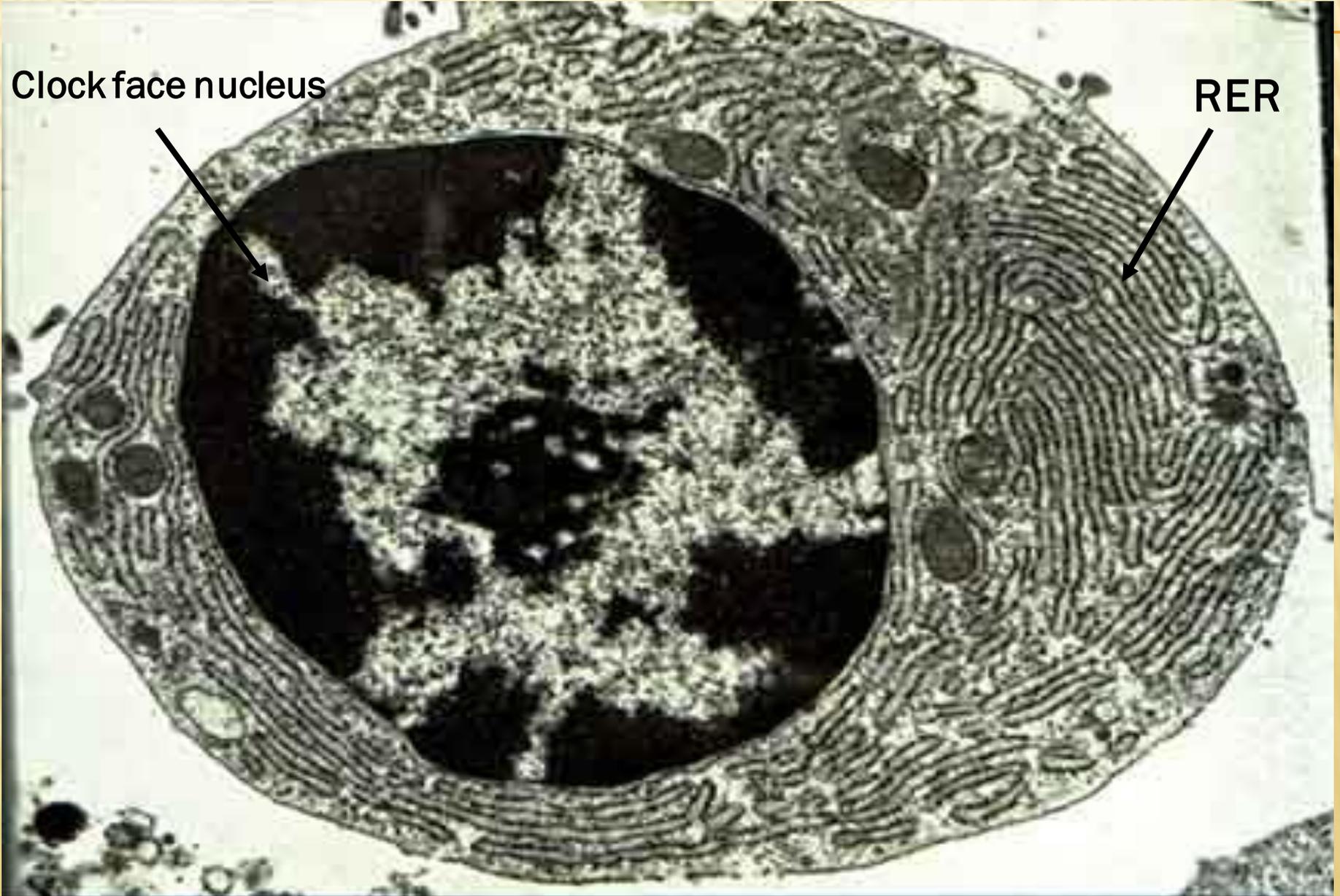
1/7/0 NIMF

MAST CELL STAINED WITH TOLUIDINE BLUE

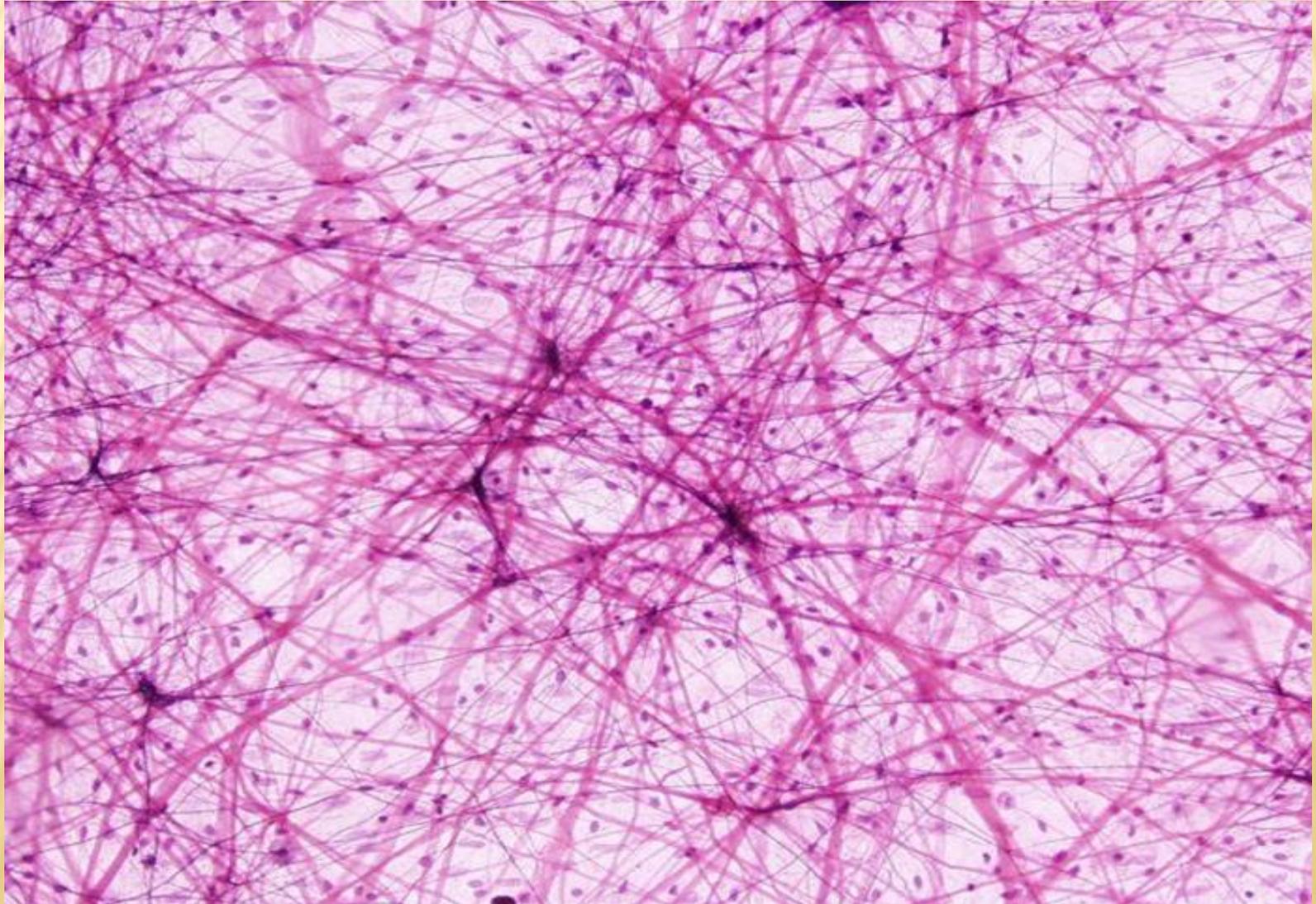
The granules are metachromatic stained red with toluidine blue



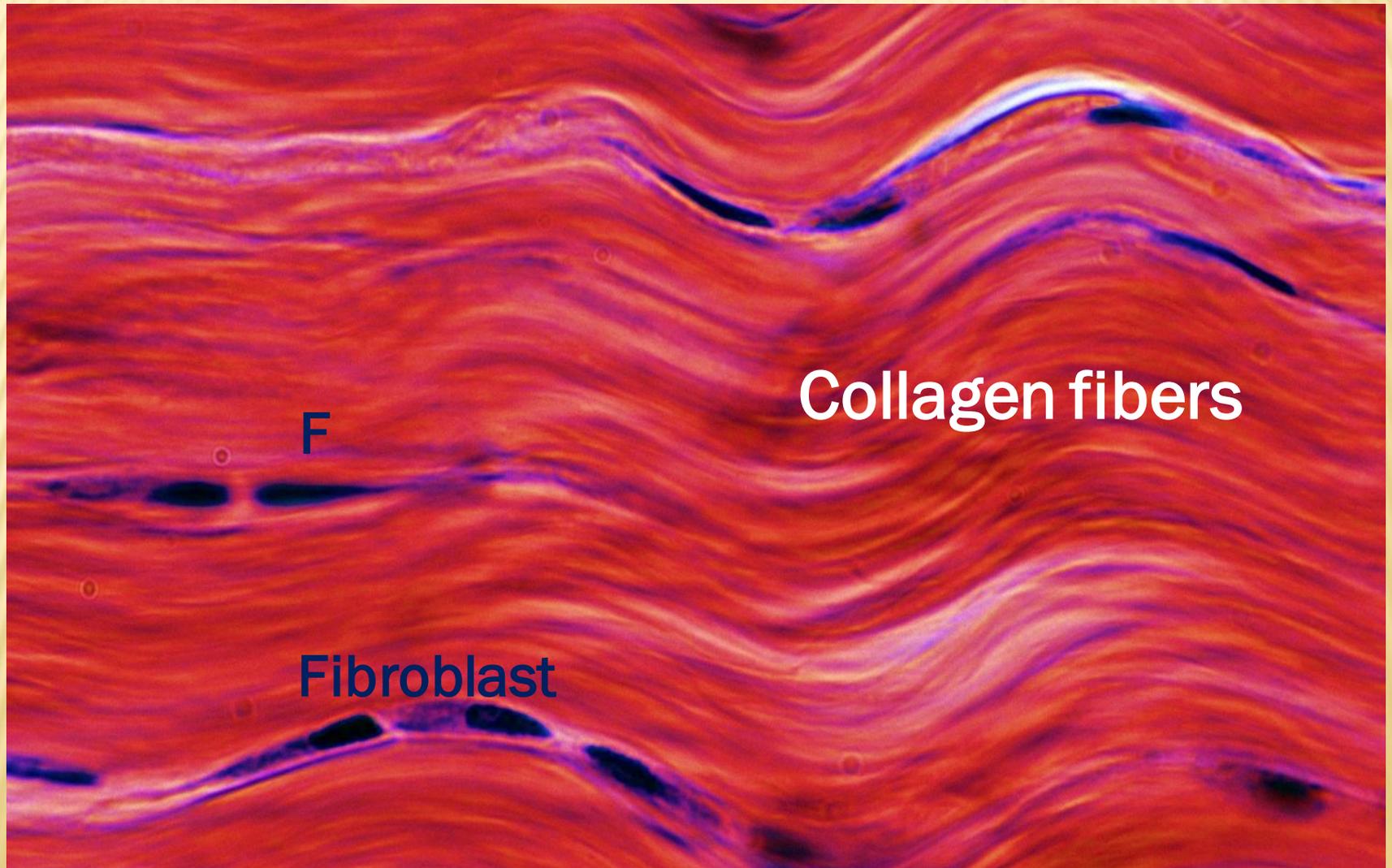
EM PICTURE OF PLASMA CELL



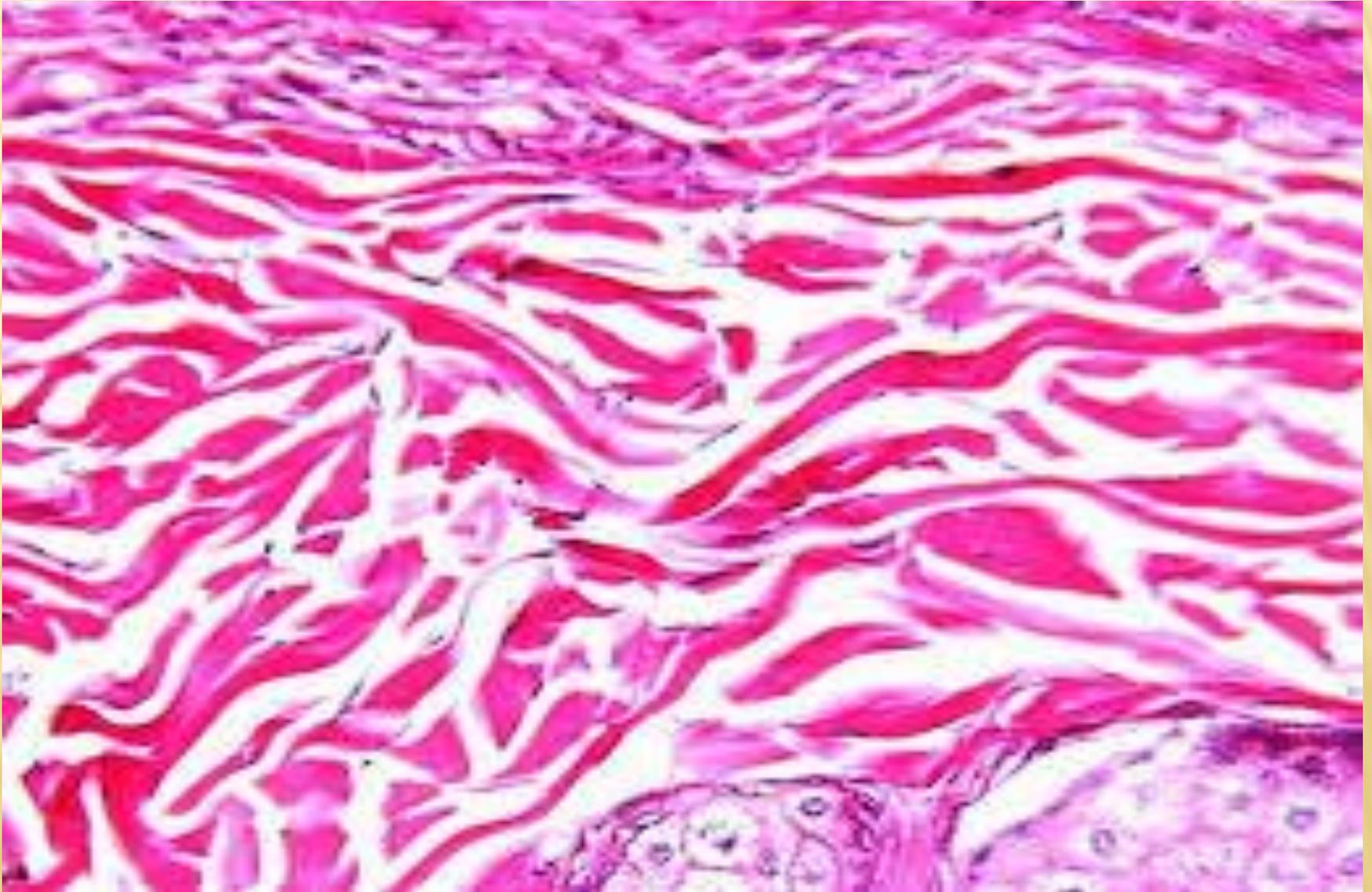
LOOSE C.T



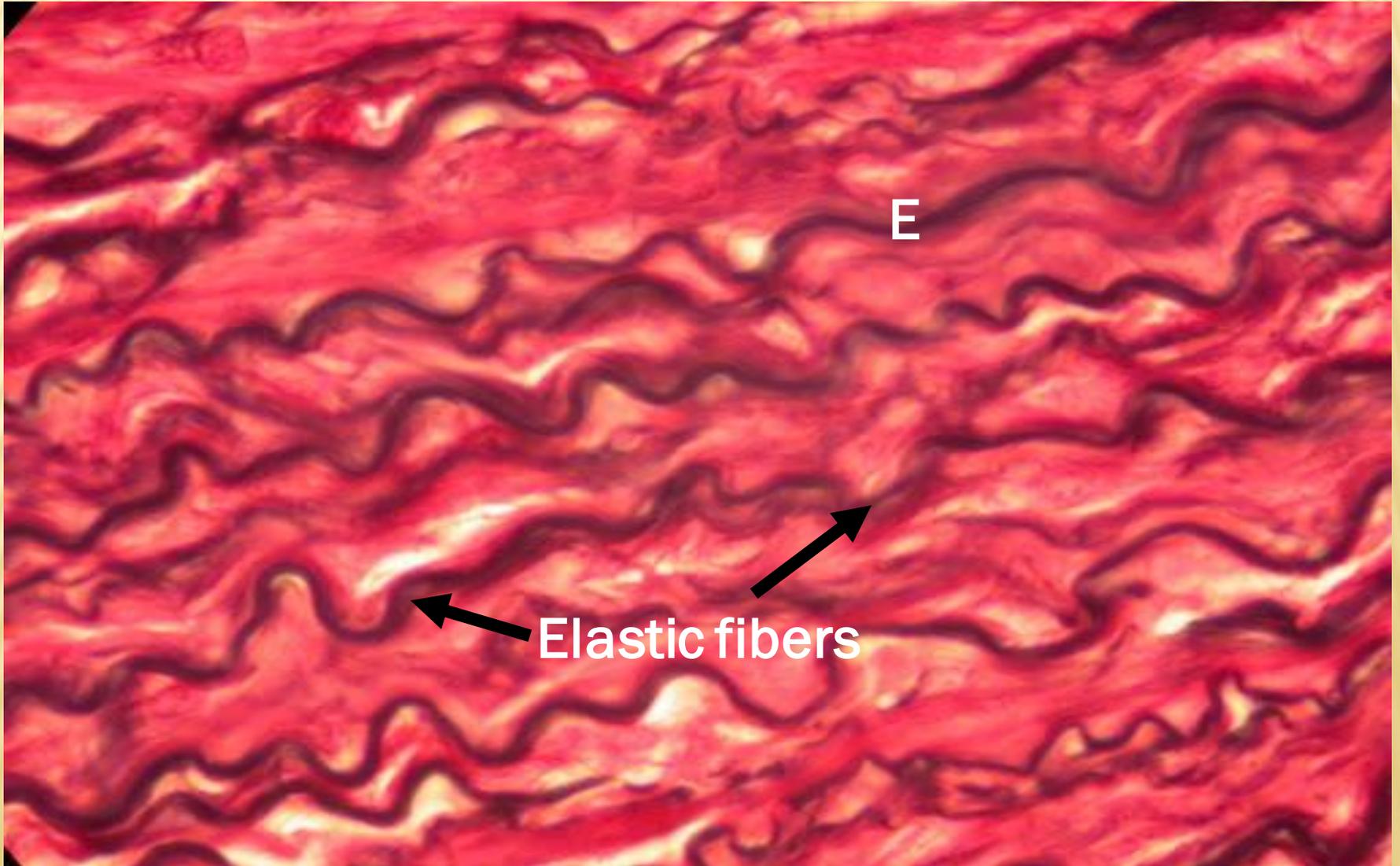
DENSE REGULAR C.T



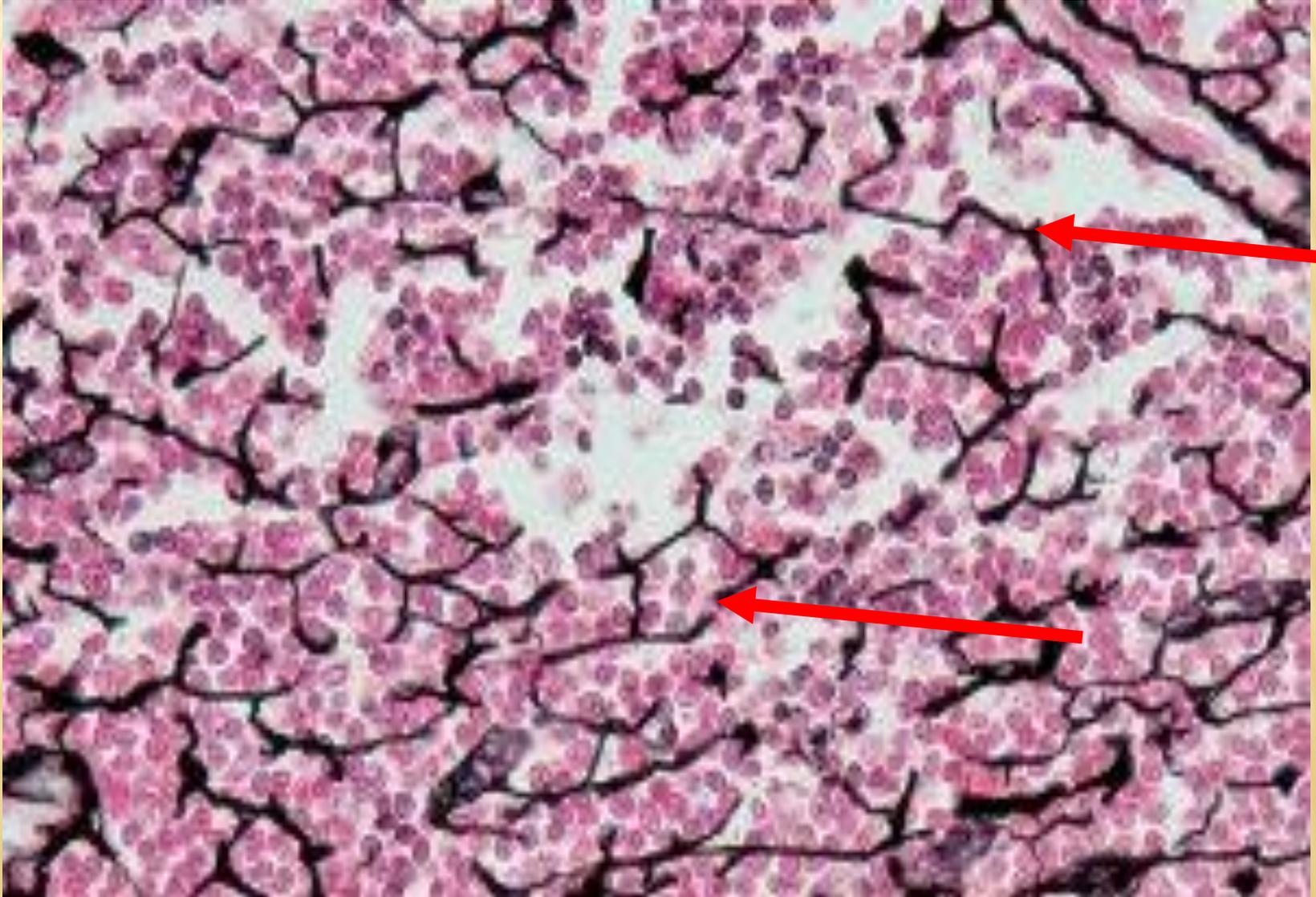
DENSE IRREGULAR C.T



ELASTIC C.T (ORCEIN)



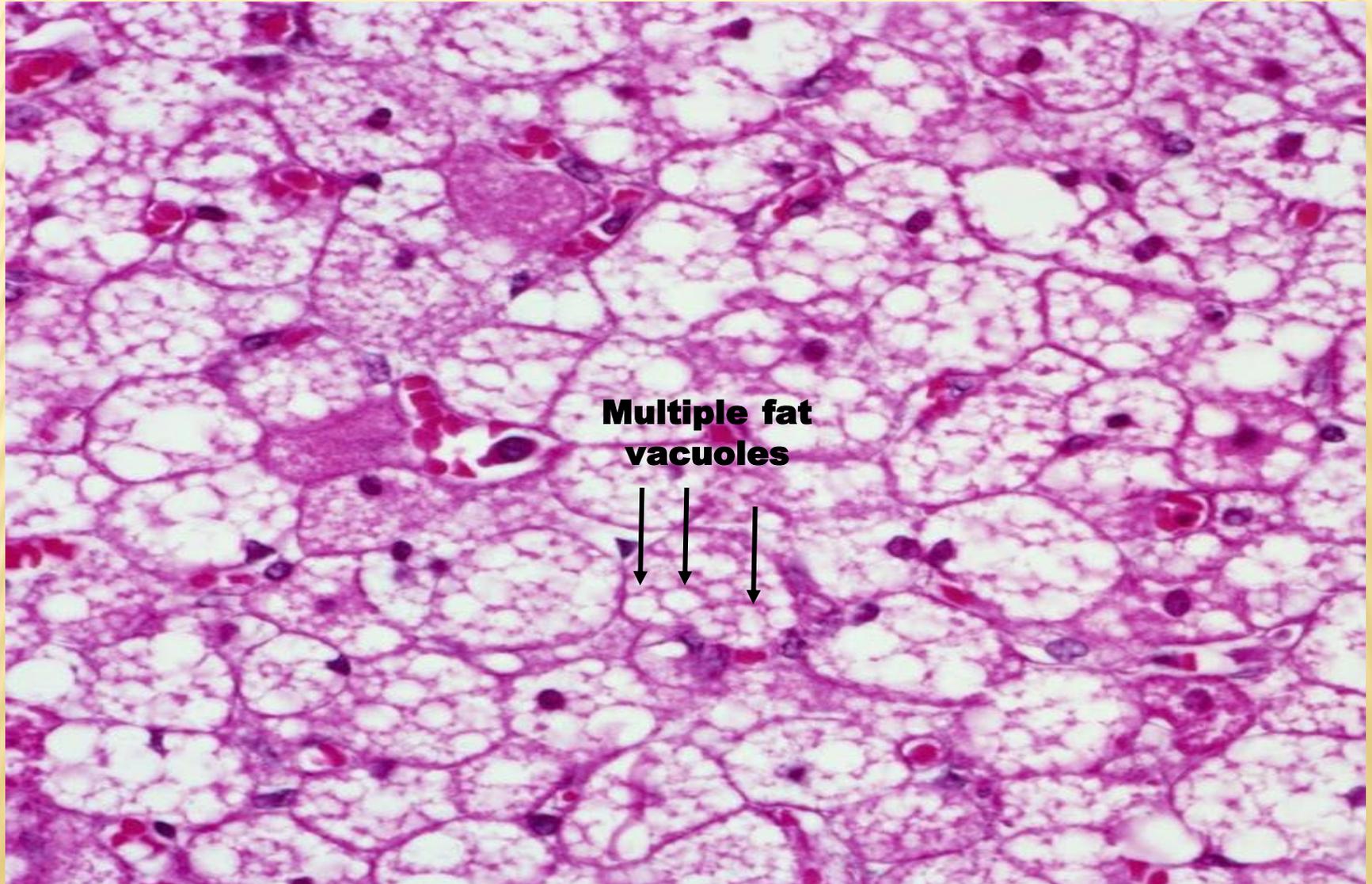
RETICULAR C.T (STAINED BLACK WITH SILVER STAIN)



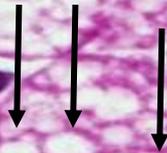
UNILOCULAR ADIPOSE TISSUE:



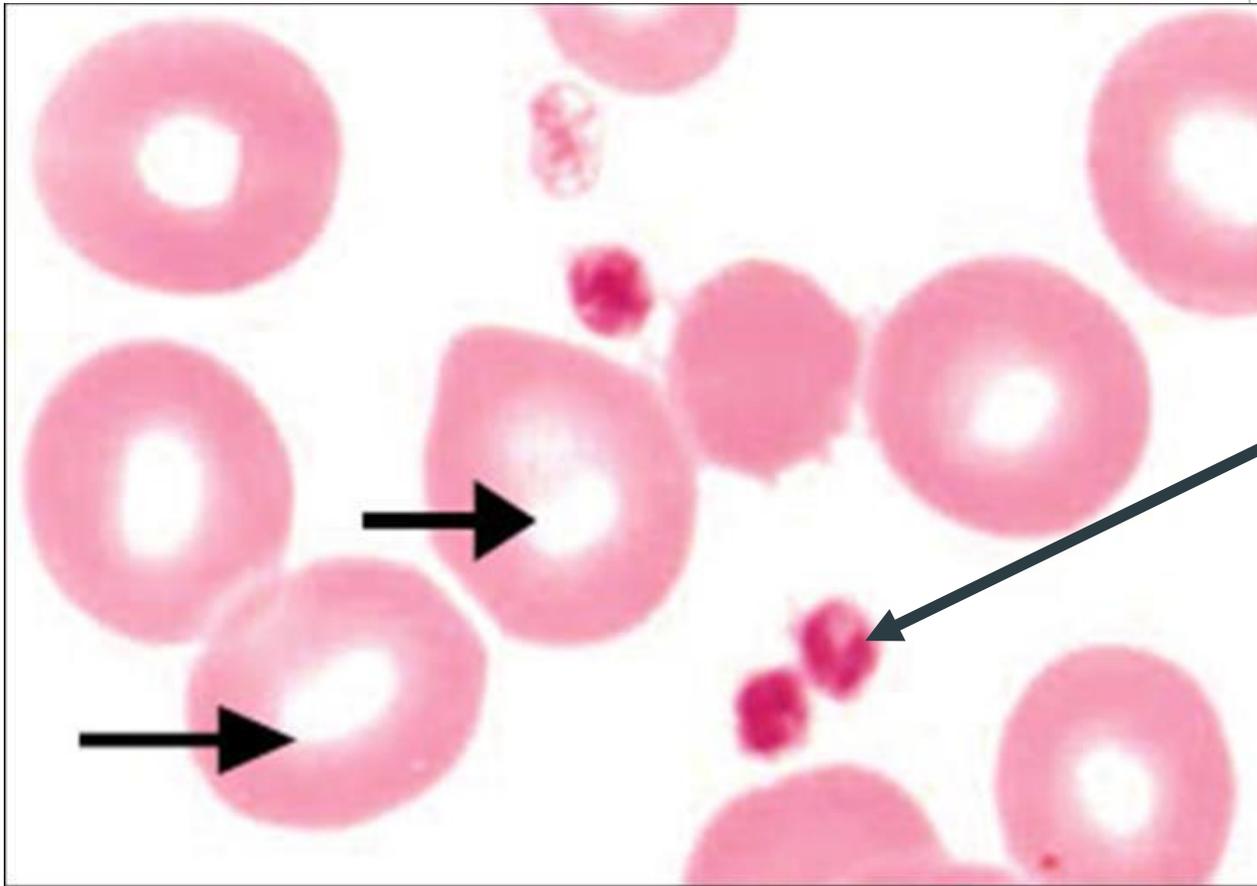
MULTILOCULAR (BROWN) ADIPOSE TISSUE



**Multiple fat
vacuoles**



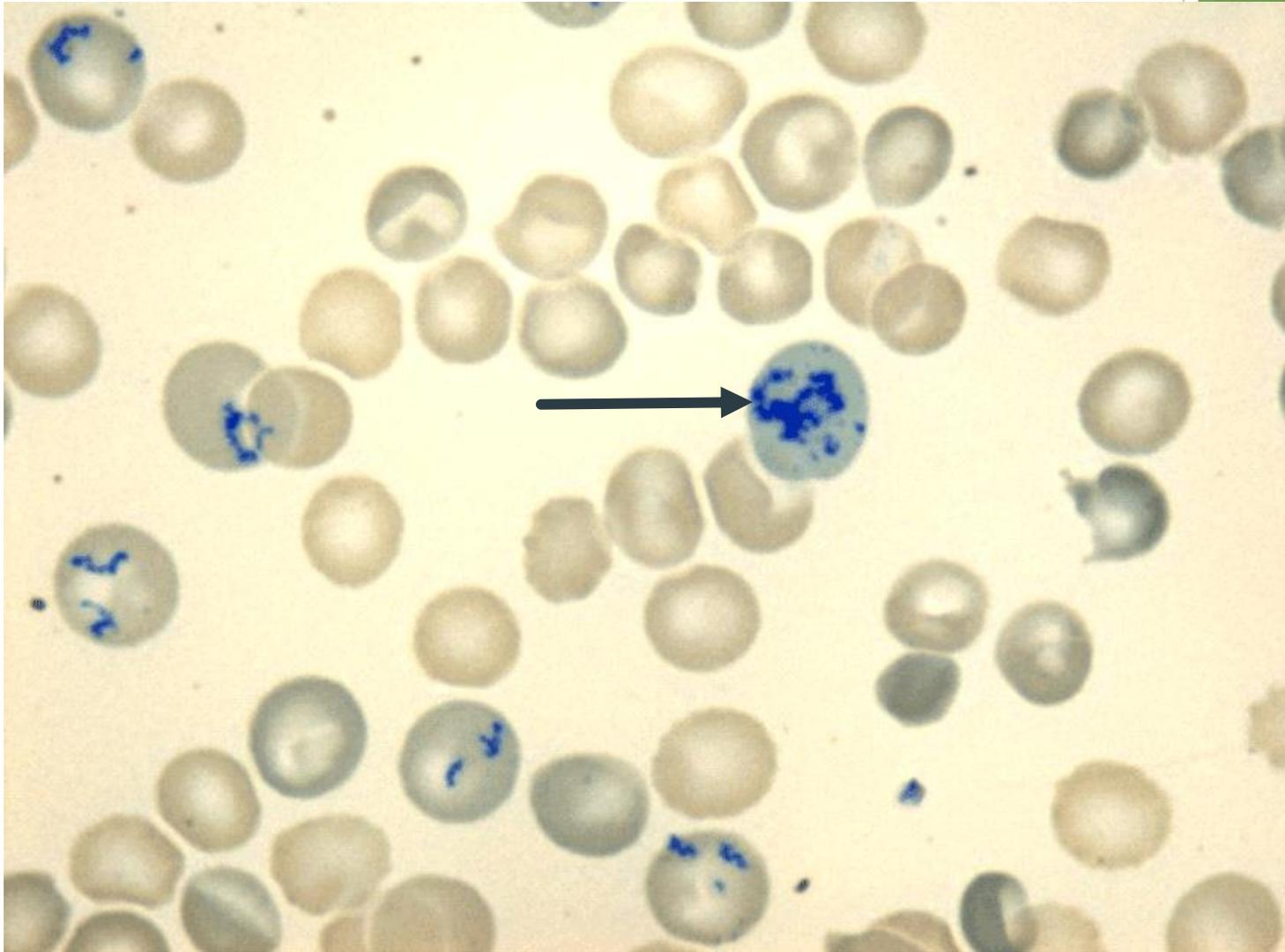
Blood Cells (RBCS) Leishman stain



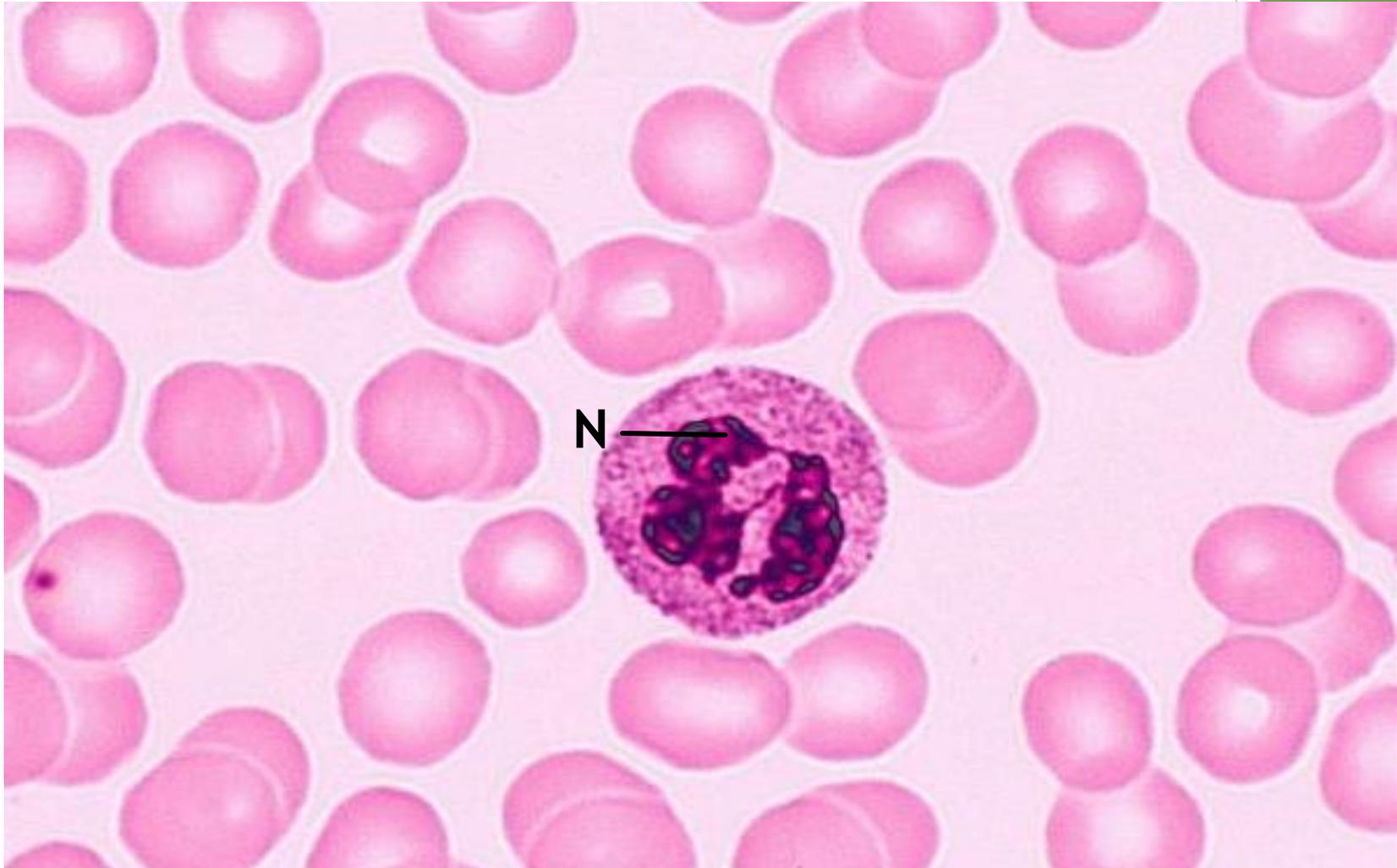
Cytoplasmic
granules
=
platelets

- ▶ ***RBCs that display rounded biconcave discs.***

Reticulocyte (brilliant cresyl blue)

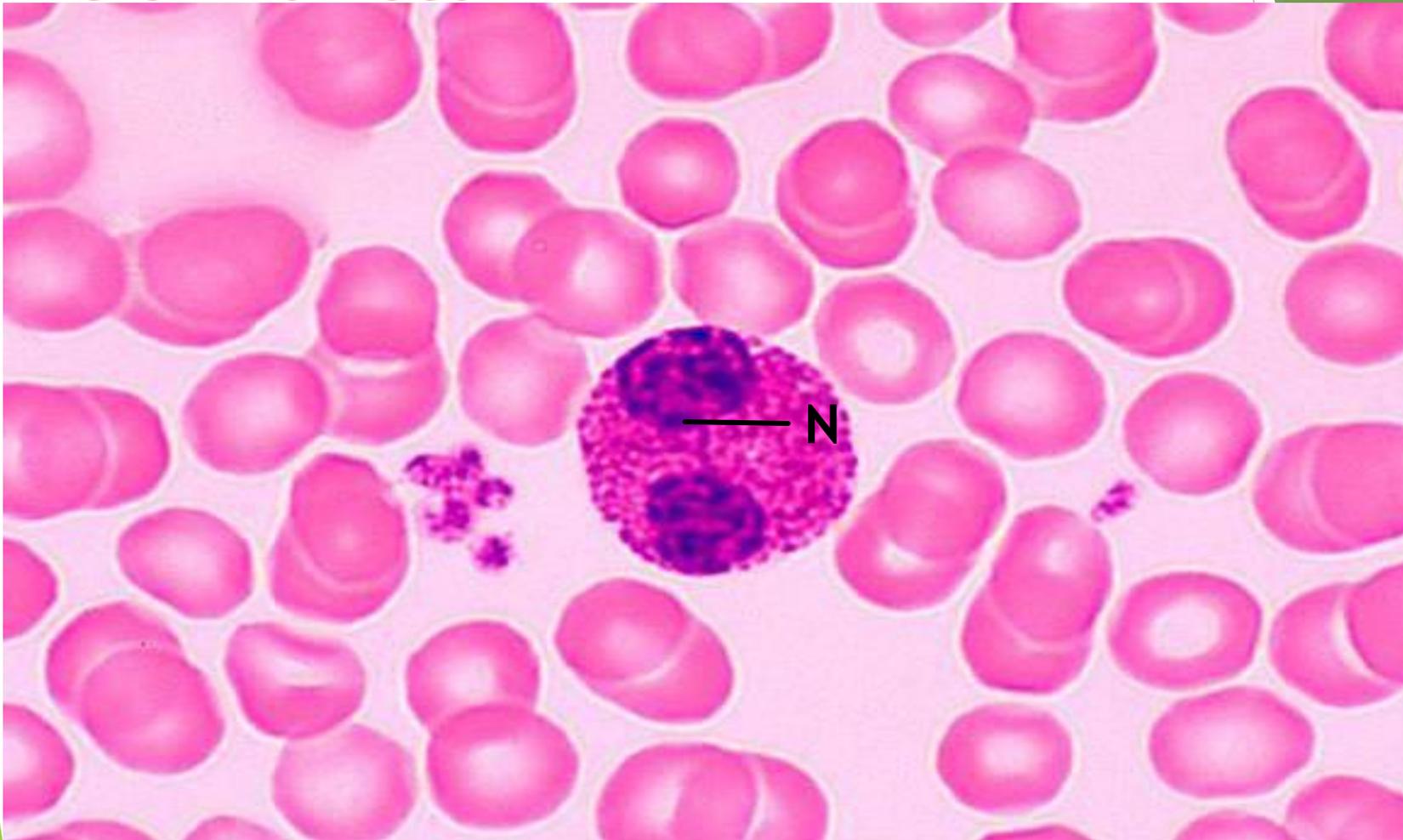


Neutrophils with segmented nucleus (N) and neutrophilic granules. *Leishman stain*

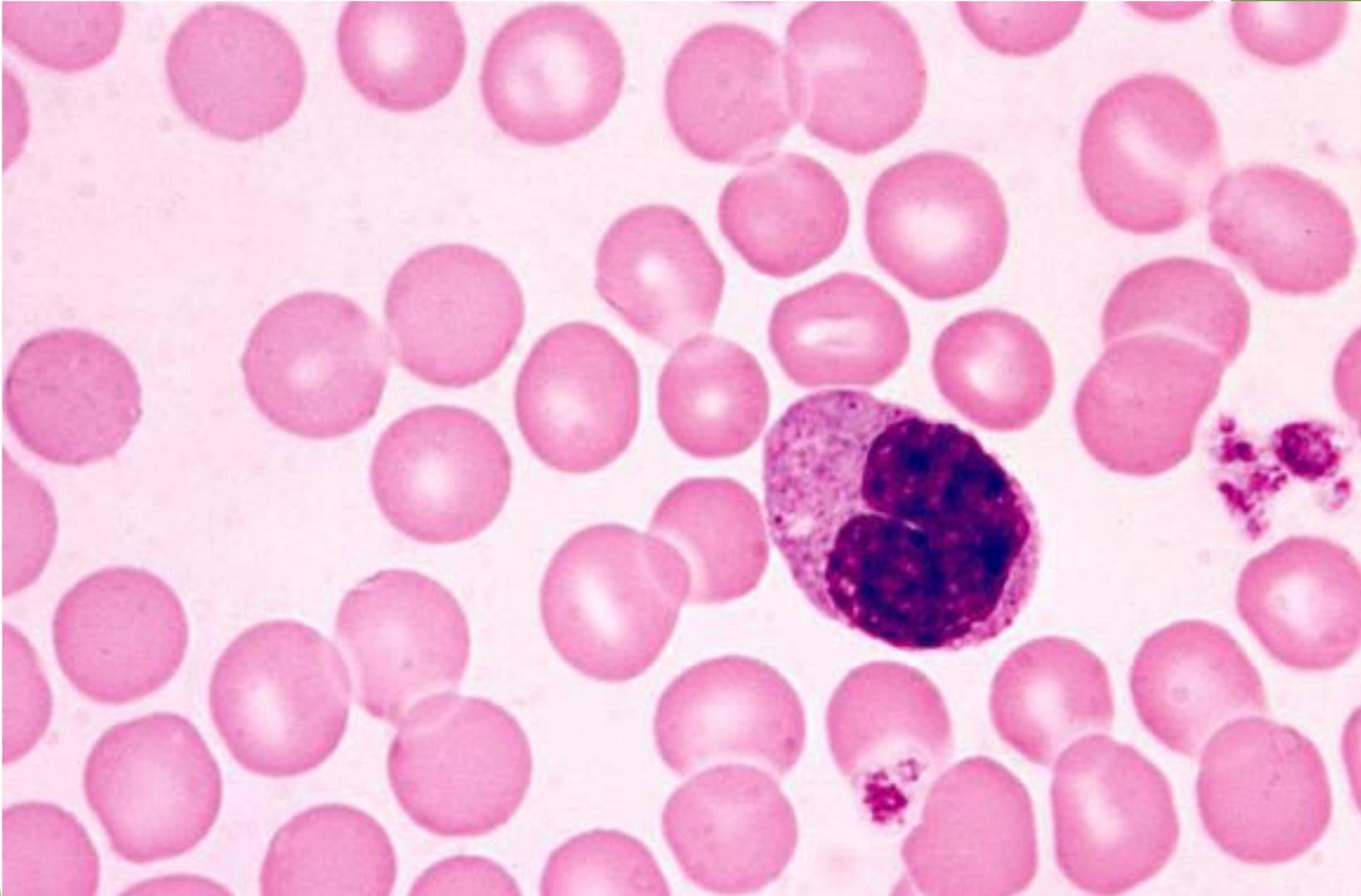


Eosinophils with horse-shoe shaped nucleus (N) and eosinophilic granules.

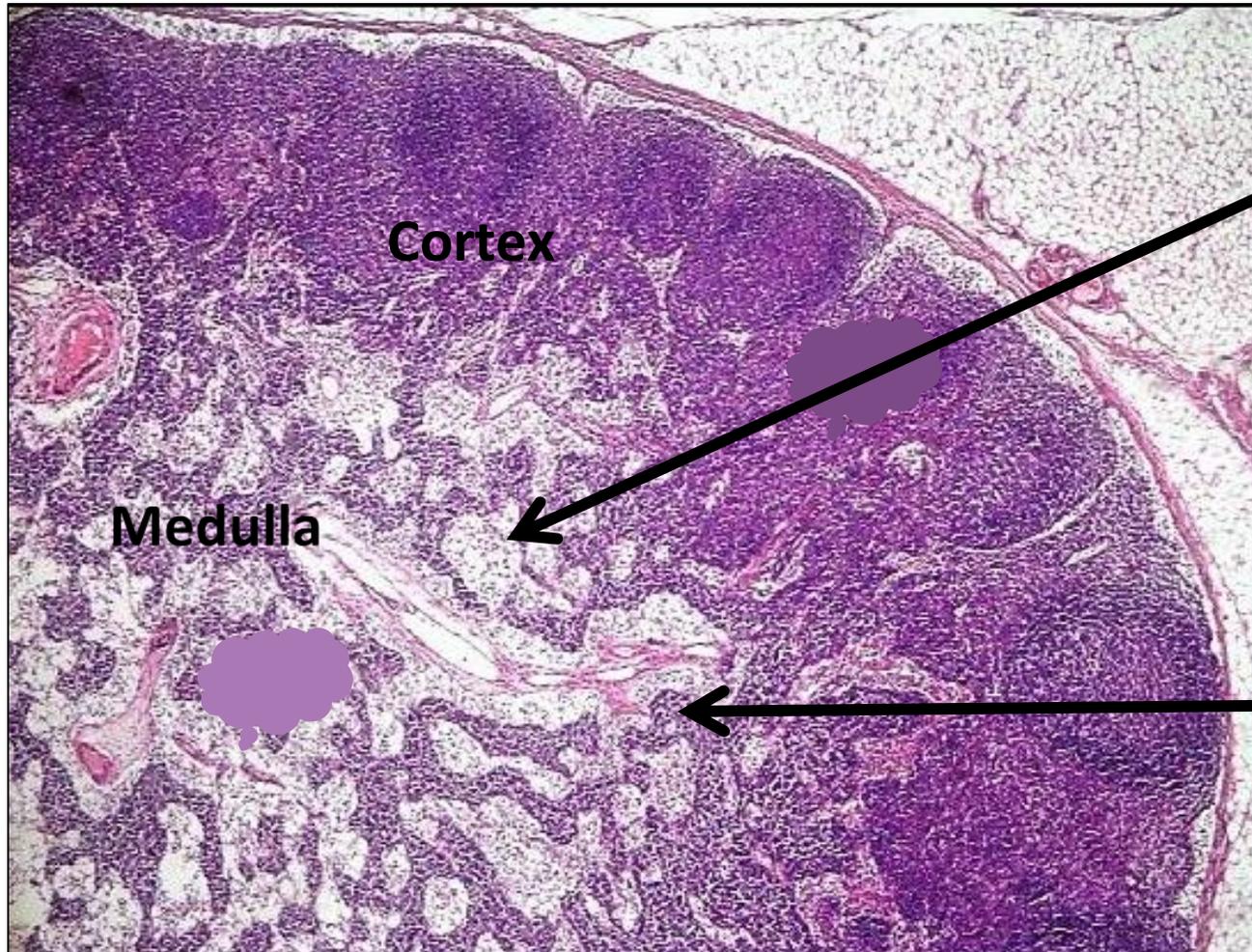
Leishman stain



Monocytes: with kidney-shaped
eccentric nucleus. *Leishman stain*



Section in Lymph node showing medullary cords & sinuses



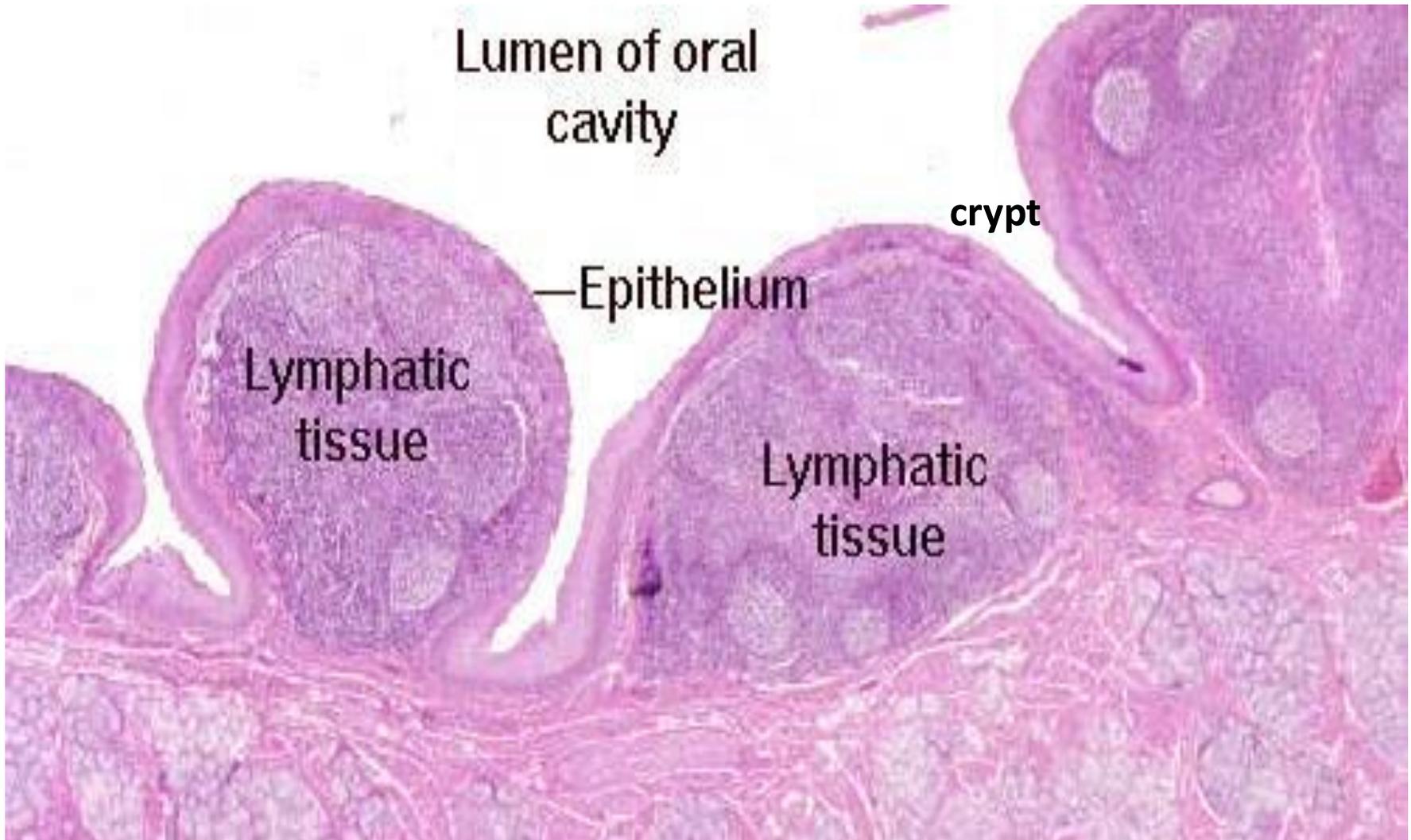
Cortex

Medulla

Medullary sinuses

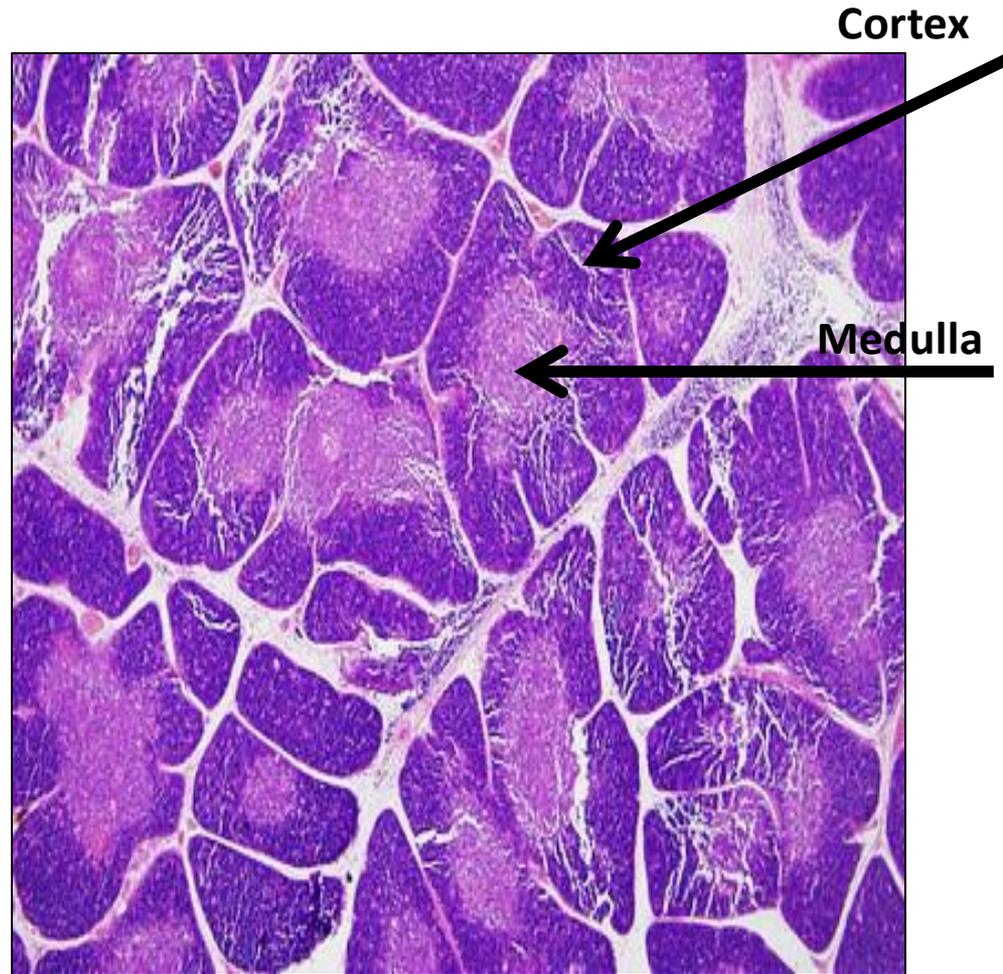
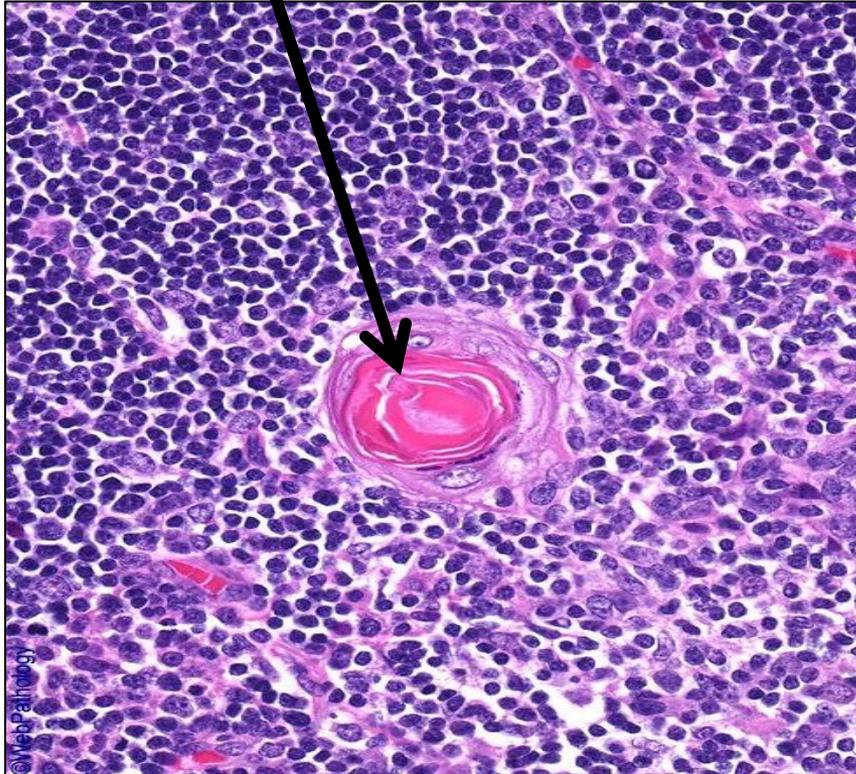
Medullary cord

Palatine tonsil

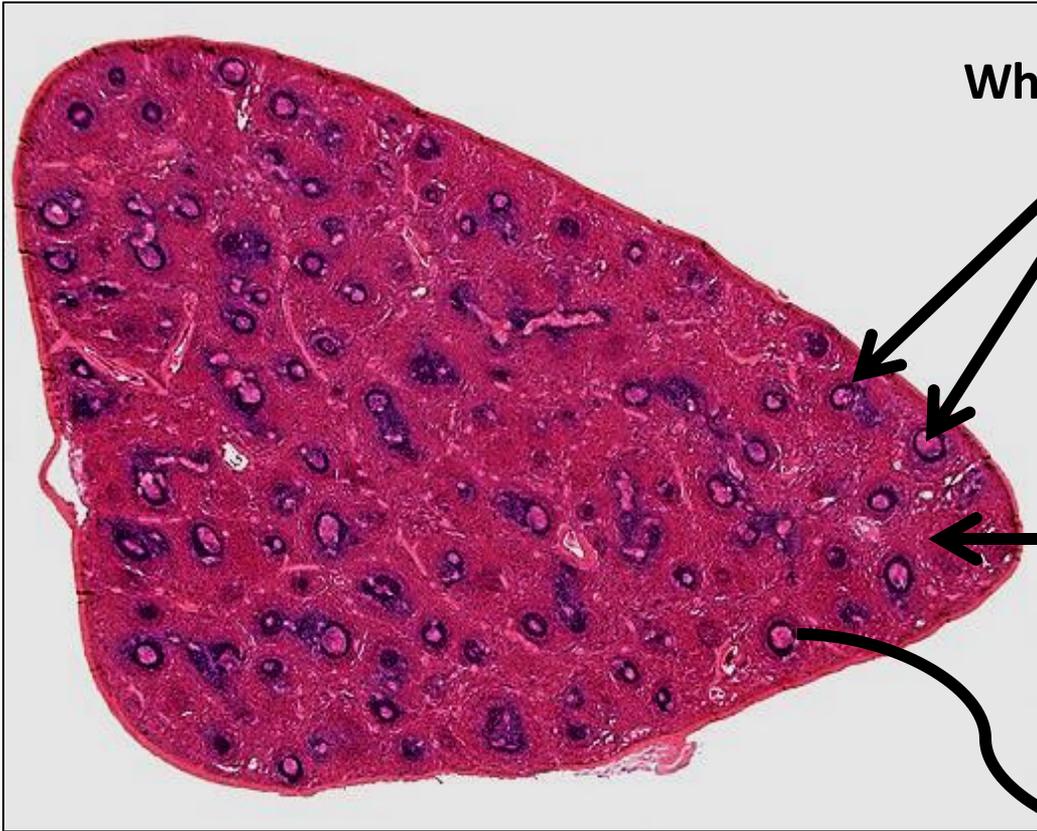


Thymus gland

Hassall's corpuscle



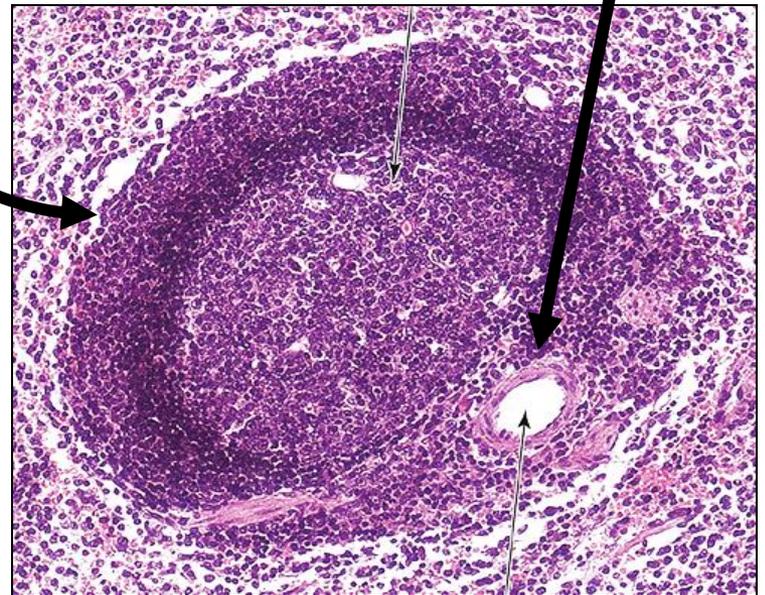
Spleen



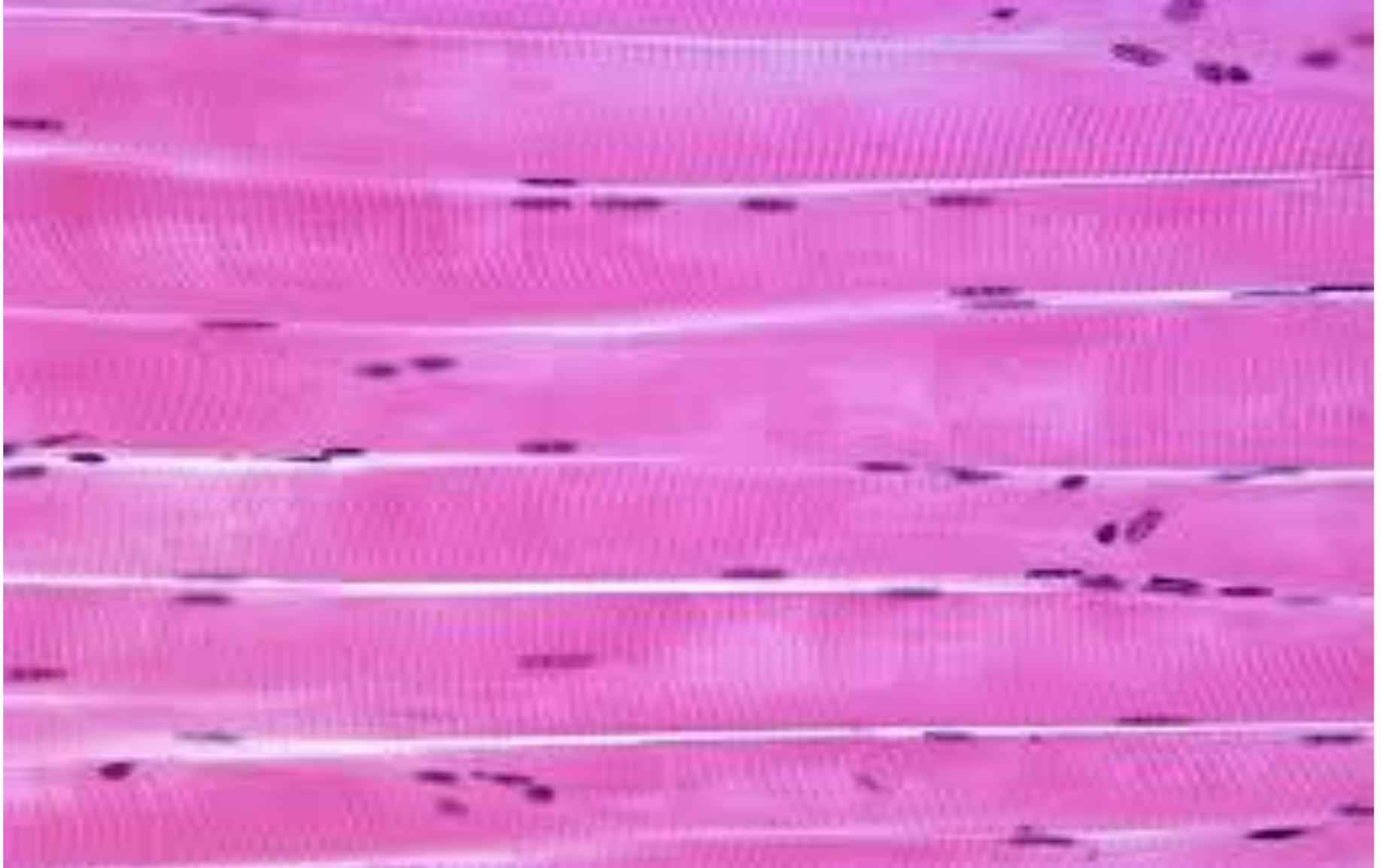
White pulp

Red pulp

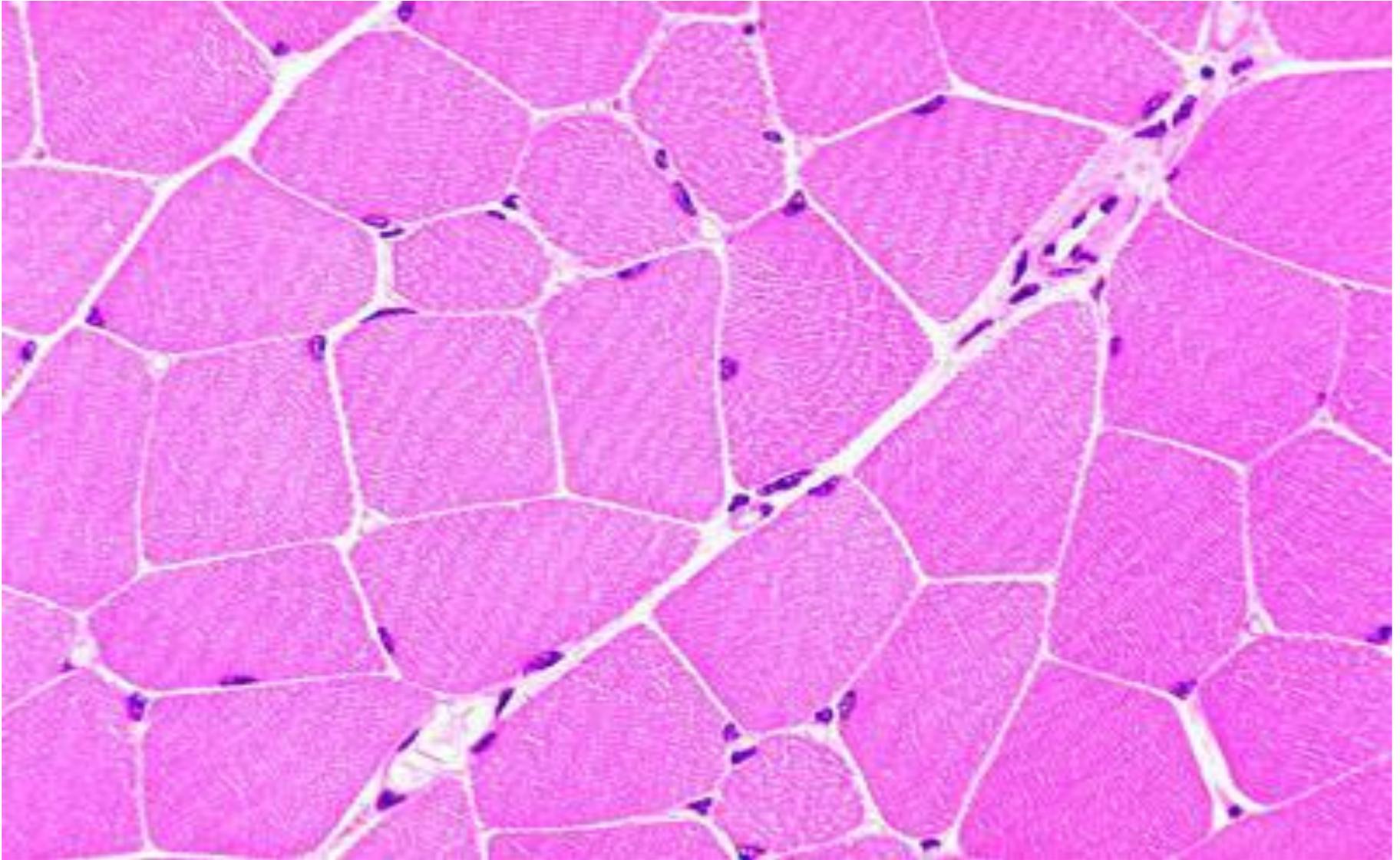
Central arteriole



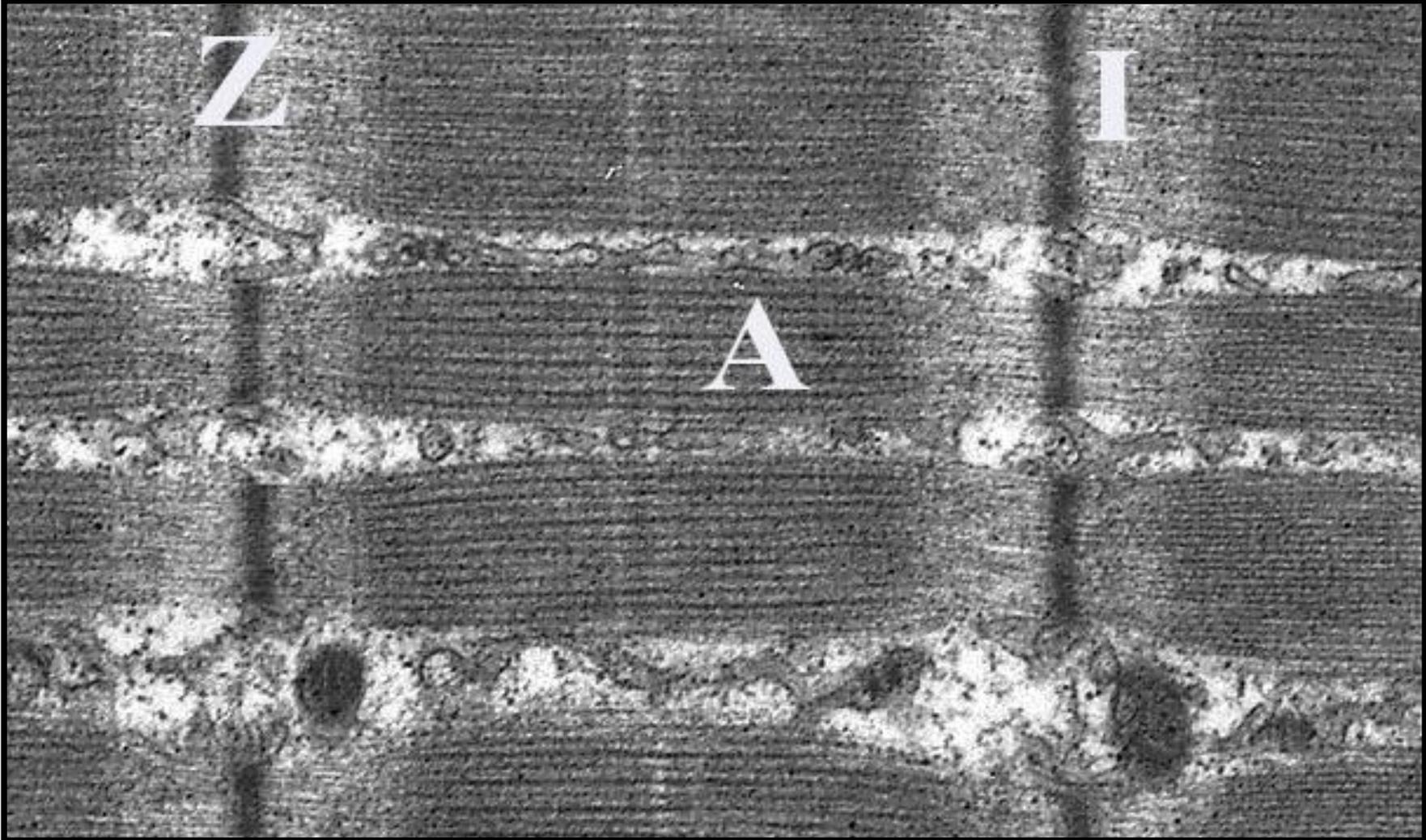
LS skeletal muscle



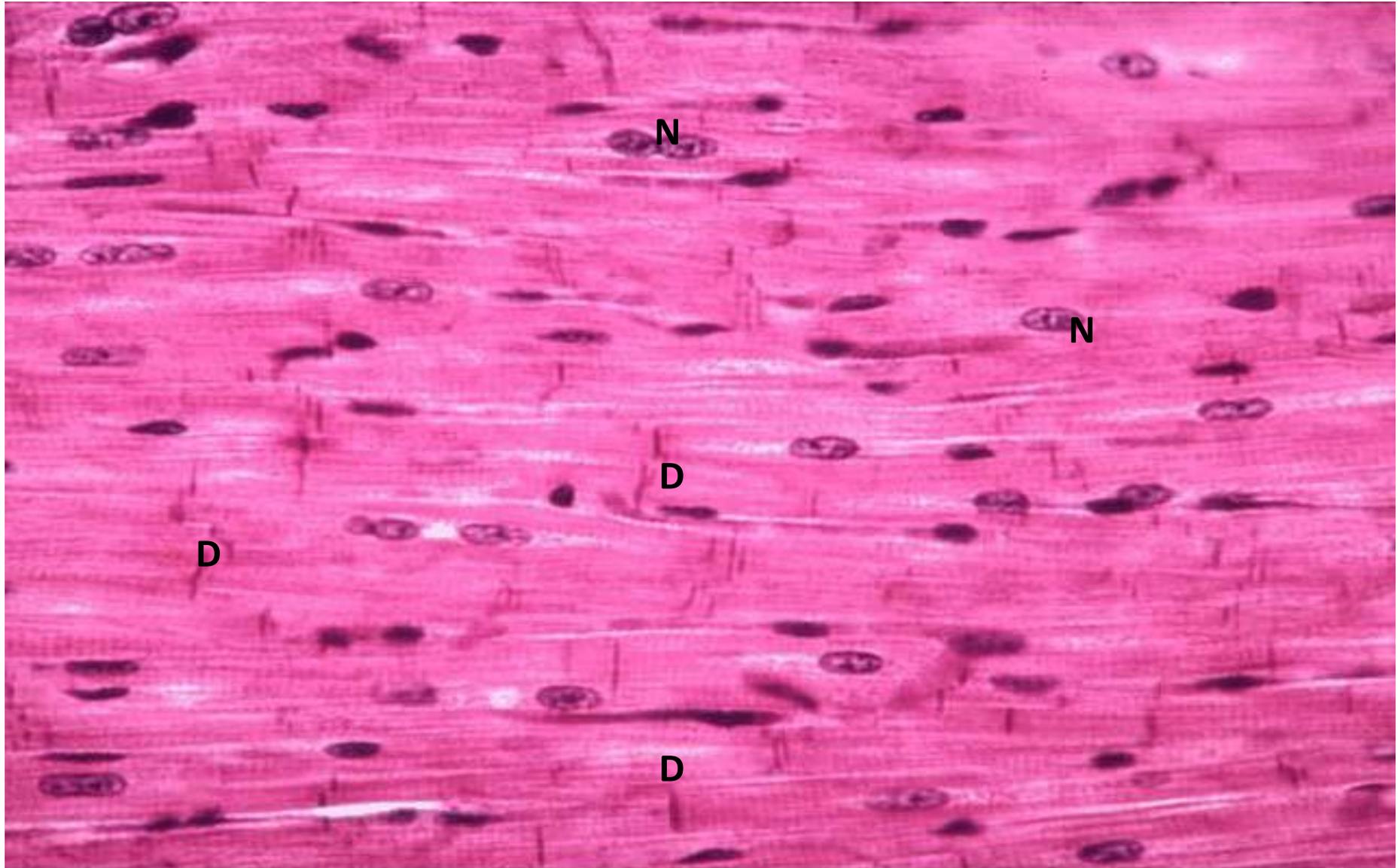
TS skeletal muscle



LS skeletal muscle showing sarcomere



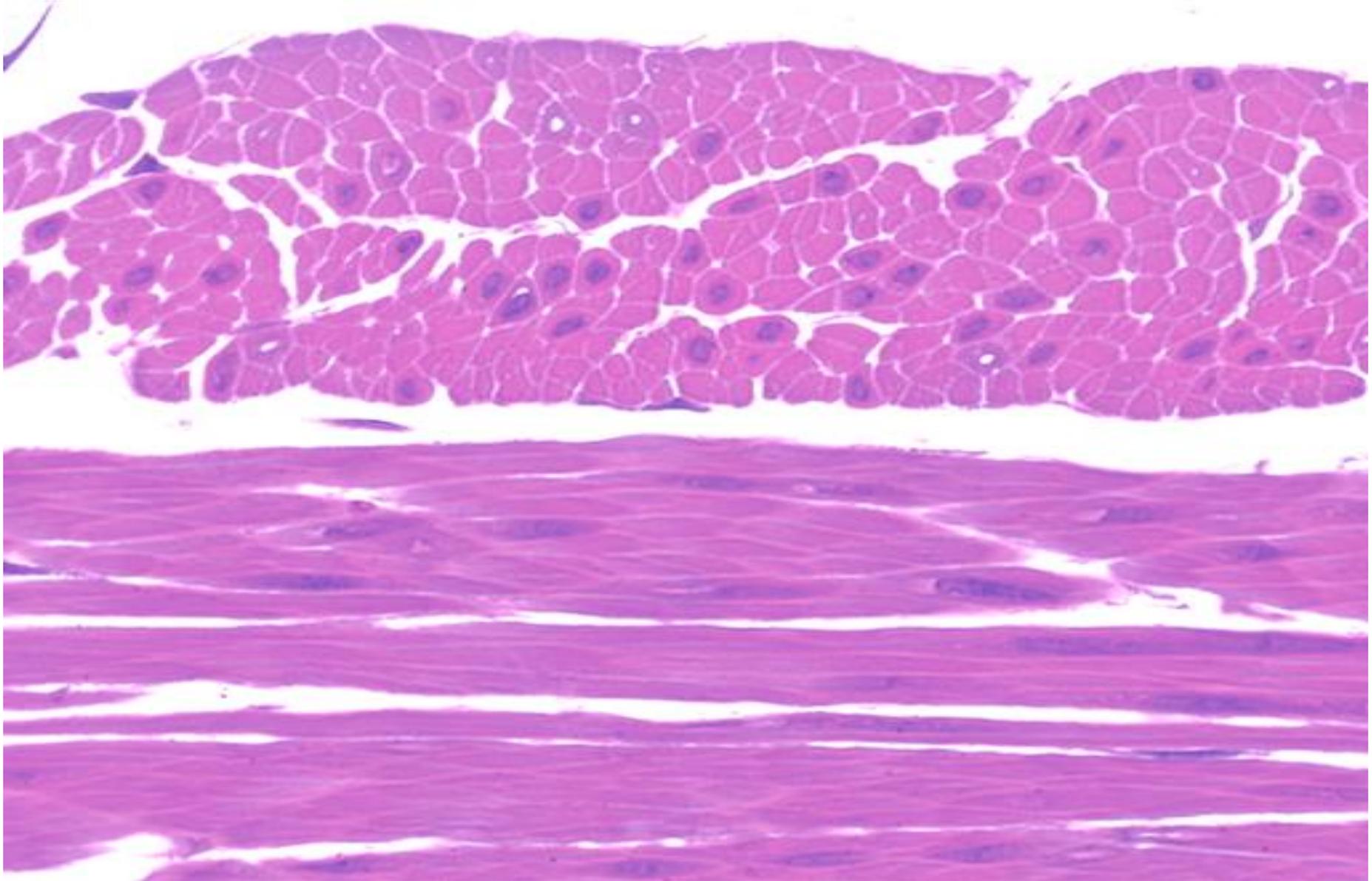
Cardiac muscle



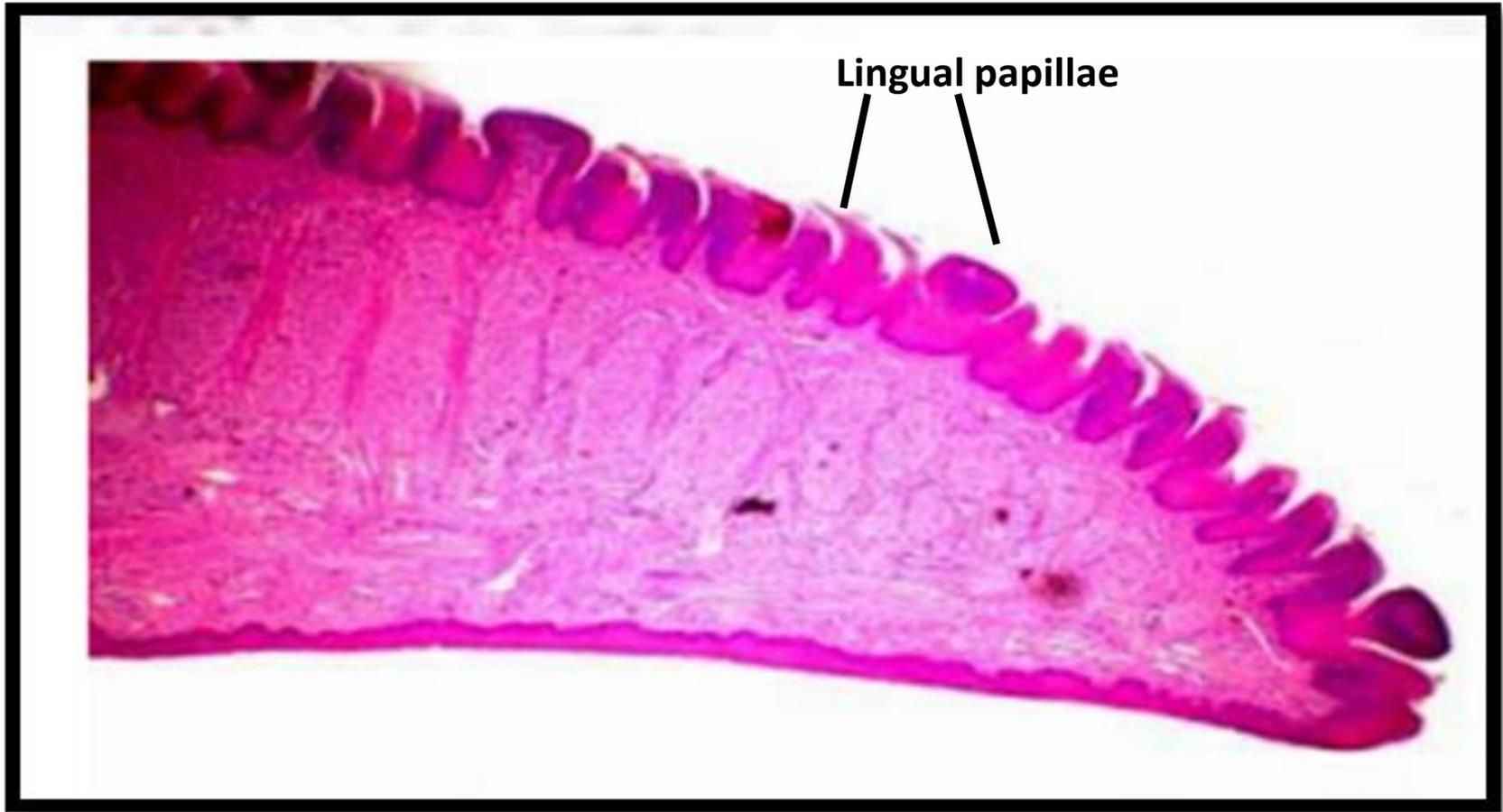
EM of cardiac muscle with intercalated disc



Smooth Muscles



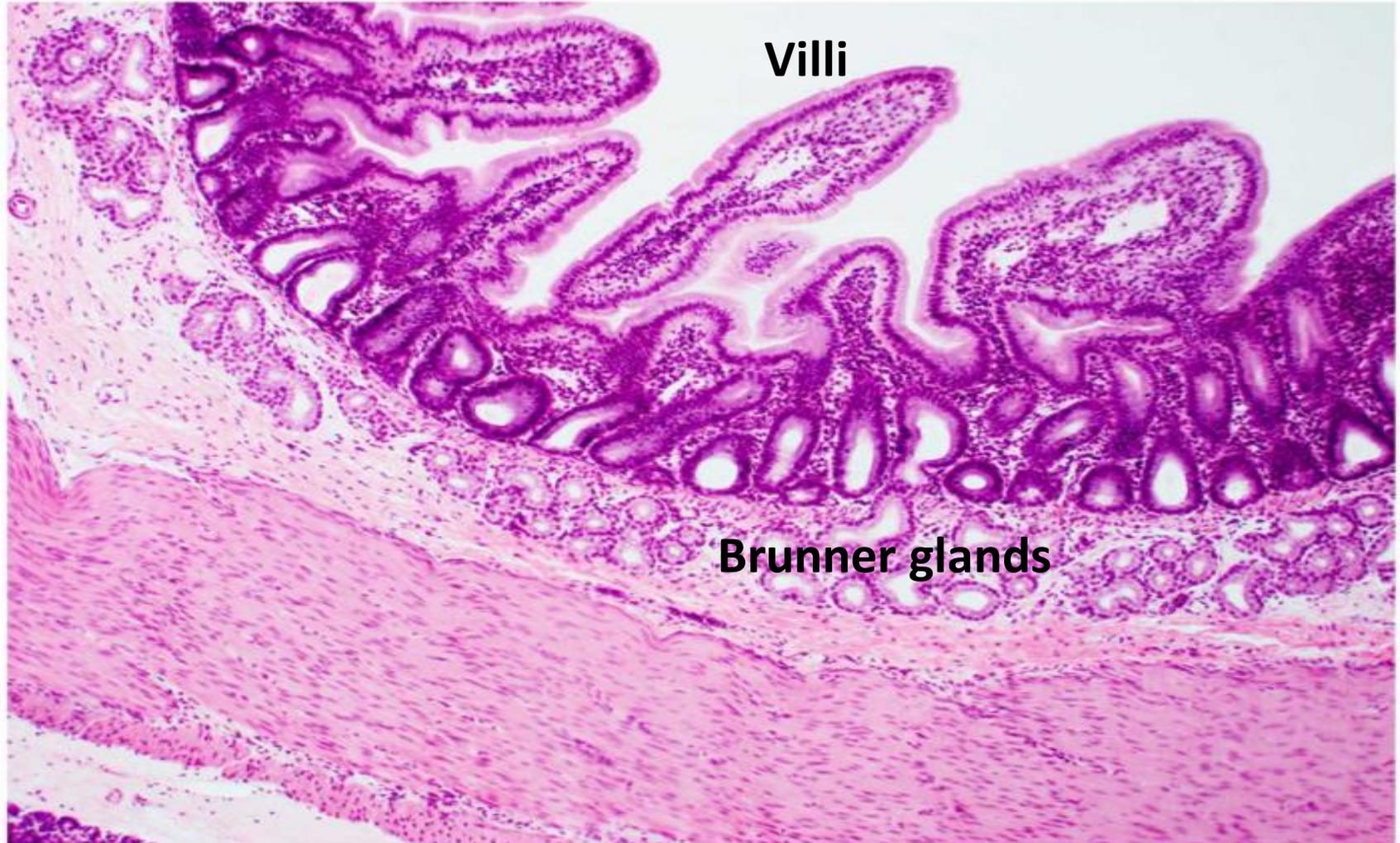
Tongue



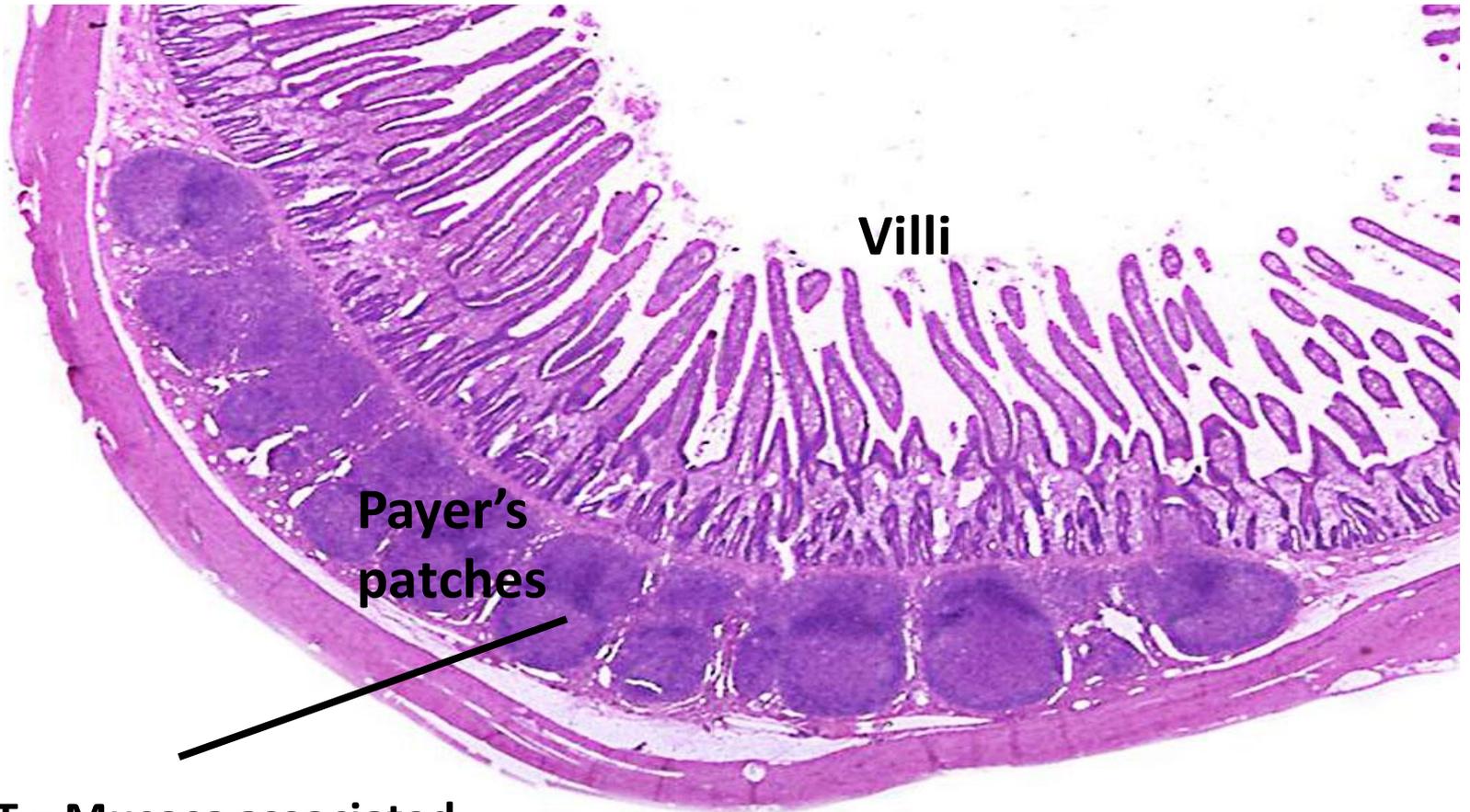
Esophagus



Duodenum



Ileum



Villi

Payer's
patches

MALT = Mucosa associated
lymphatic tissue

Large intestine

