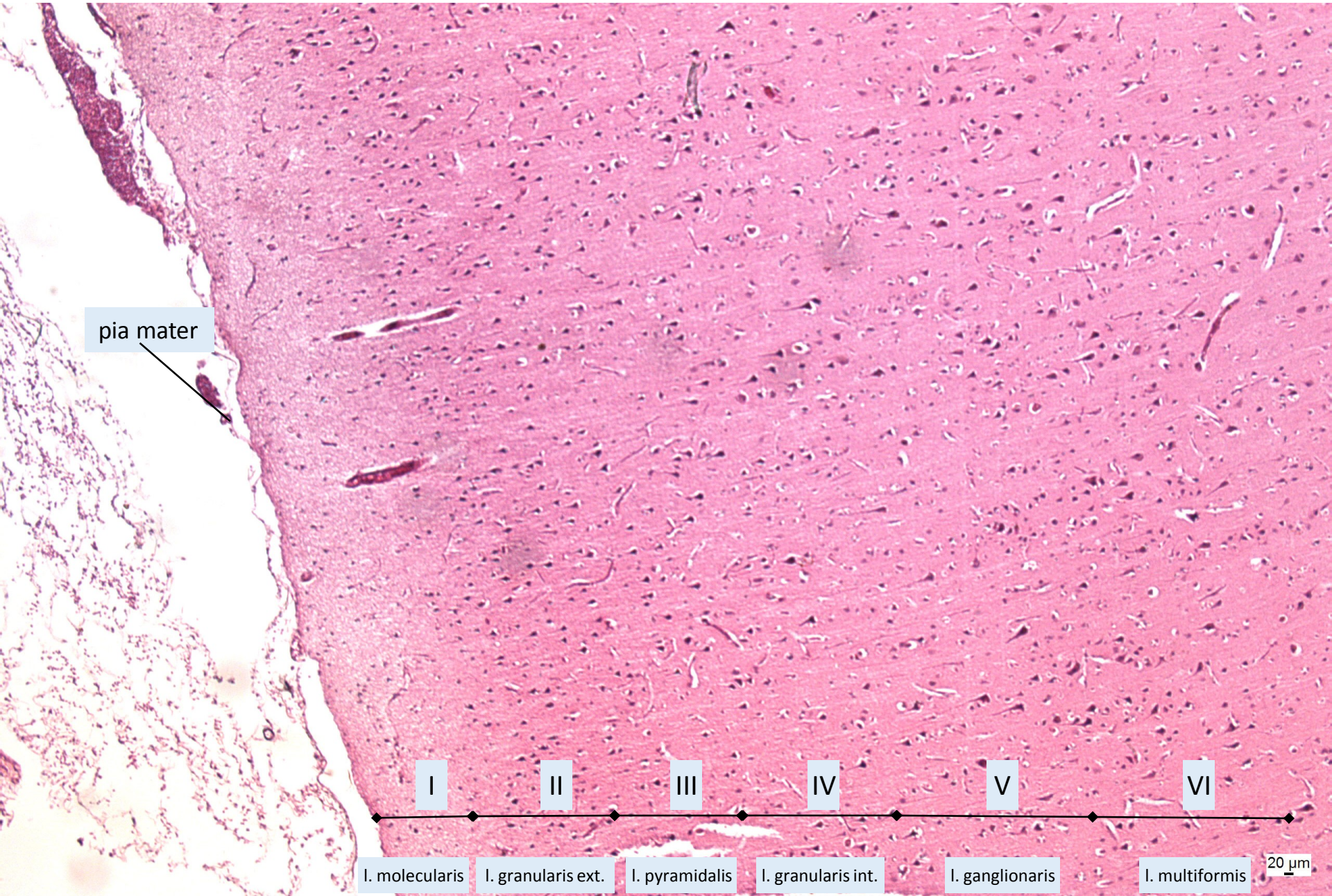
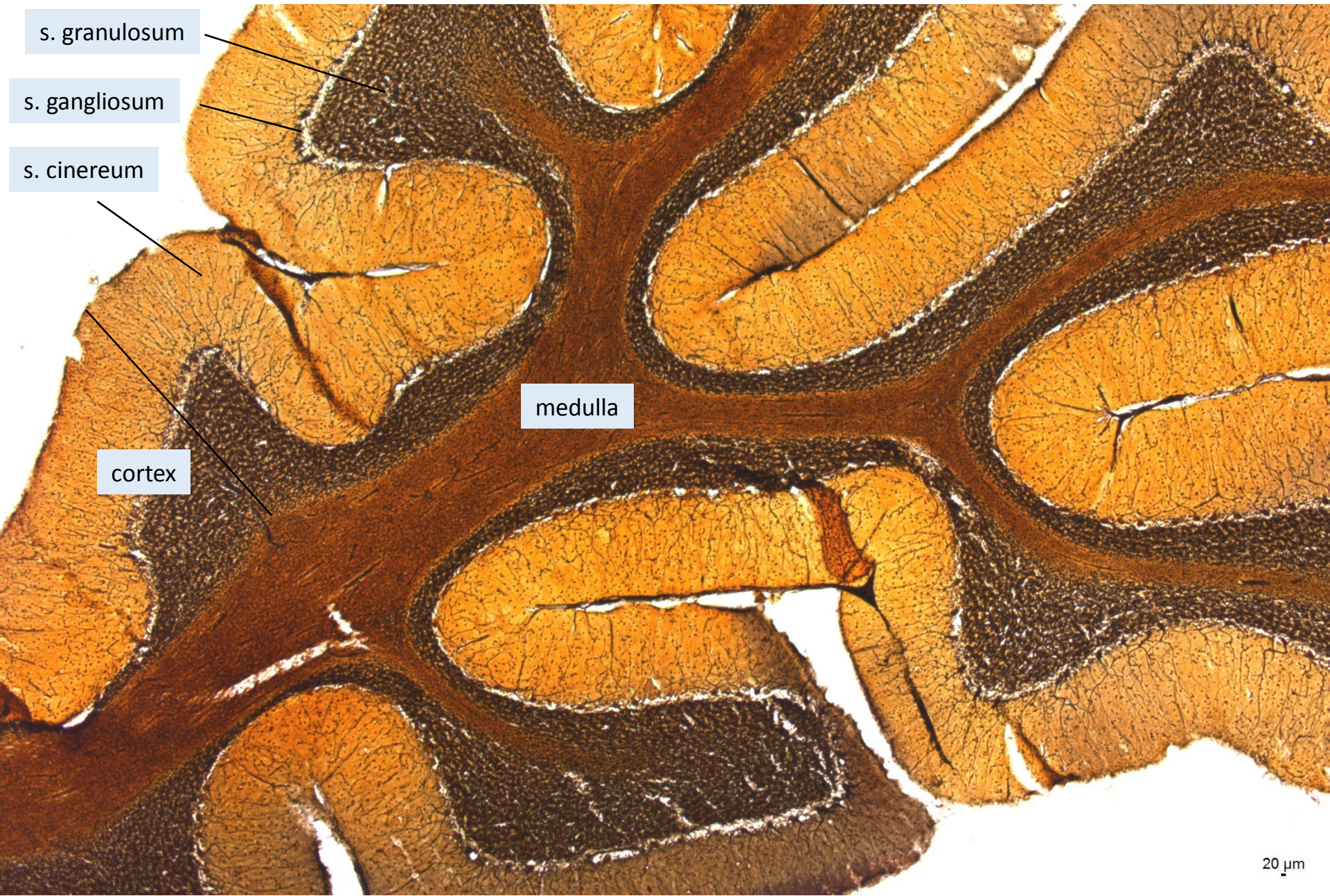


# Nerve system

# Cerebral cortex



# Cerebellum



s. granulosum

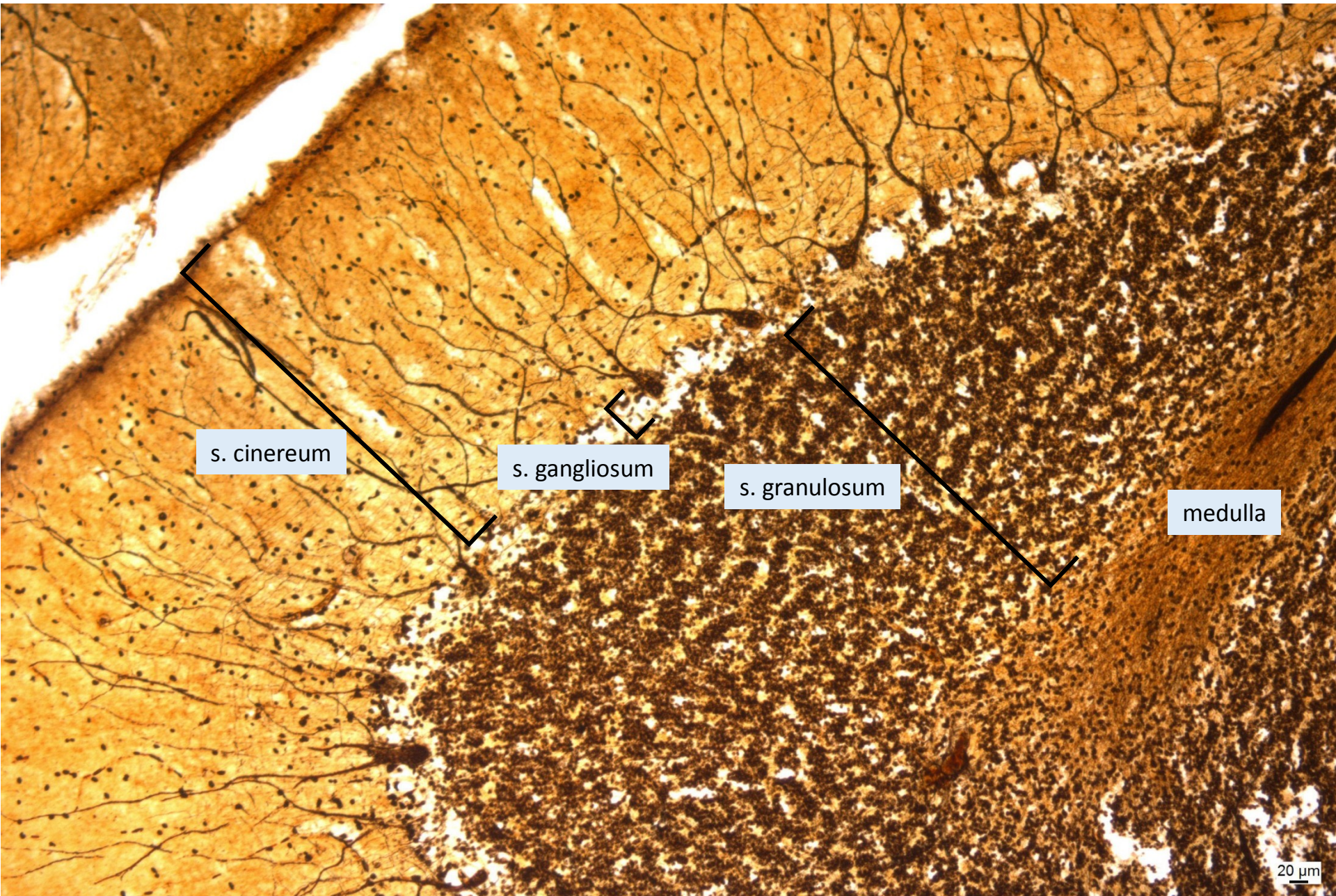
s. gangliosum

s. cinereum

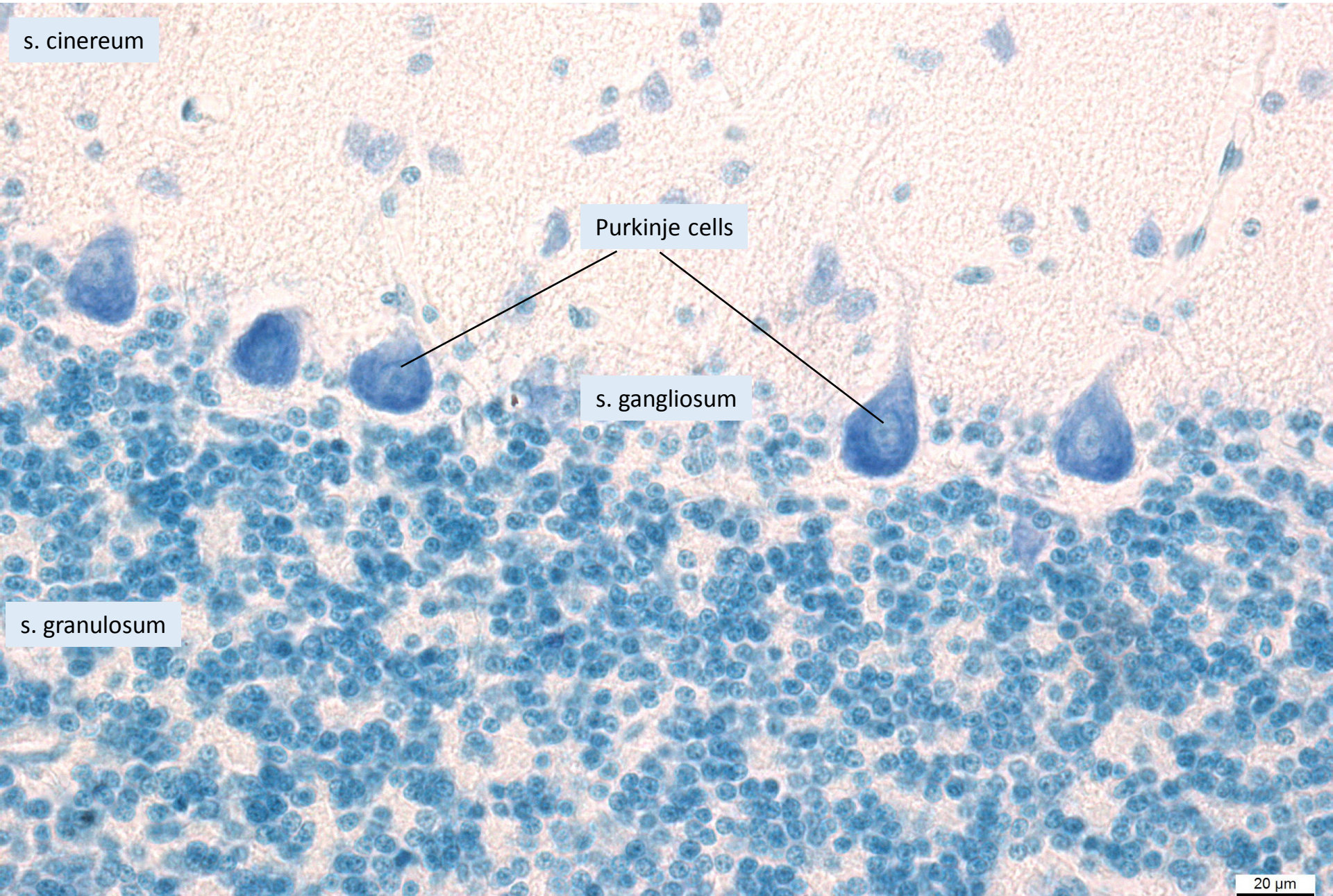
medulla

cortex

# Cerebellar cortex



# Cerebellar cortex – Purkinje cells



s. cinereum

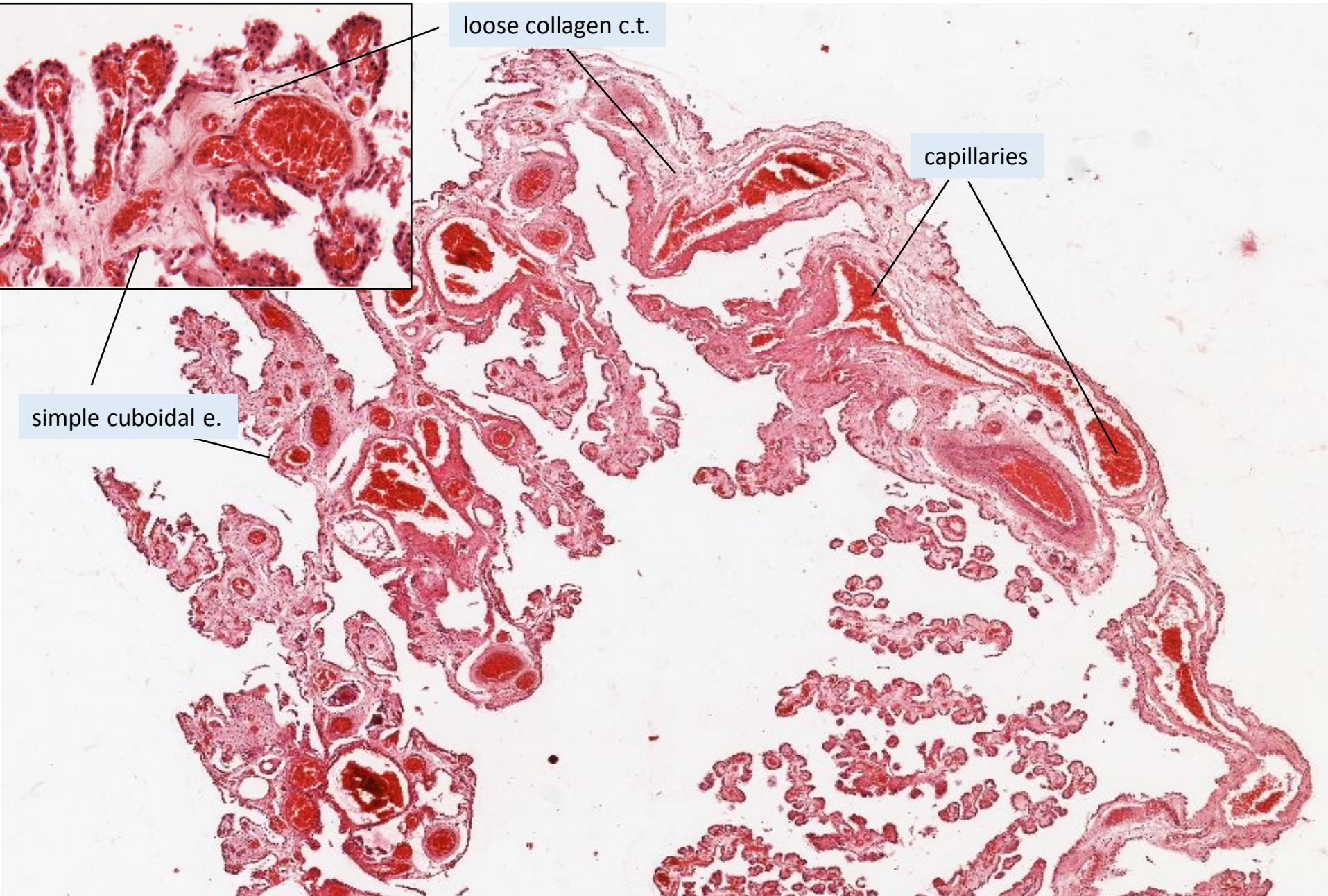
Purkinje cells

s. gangliosum

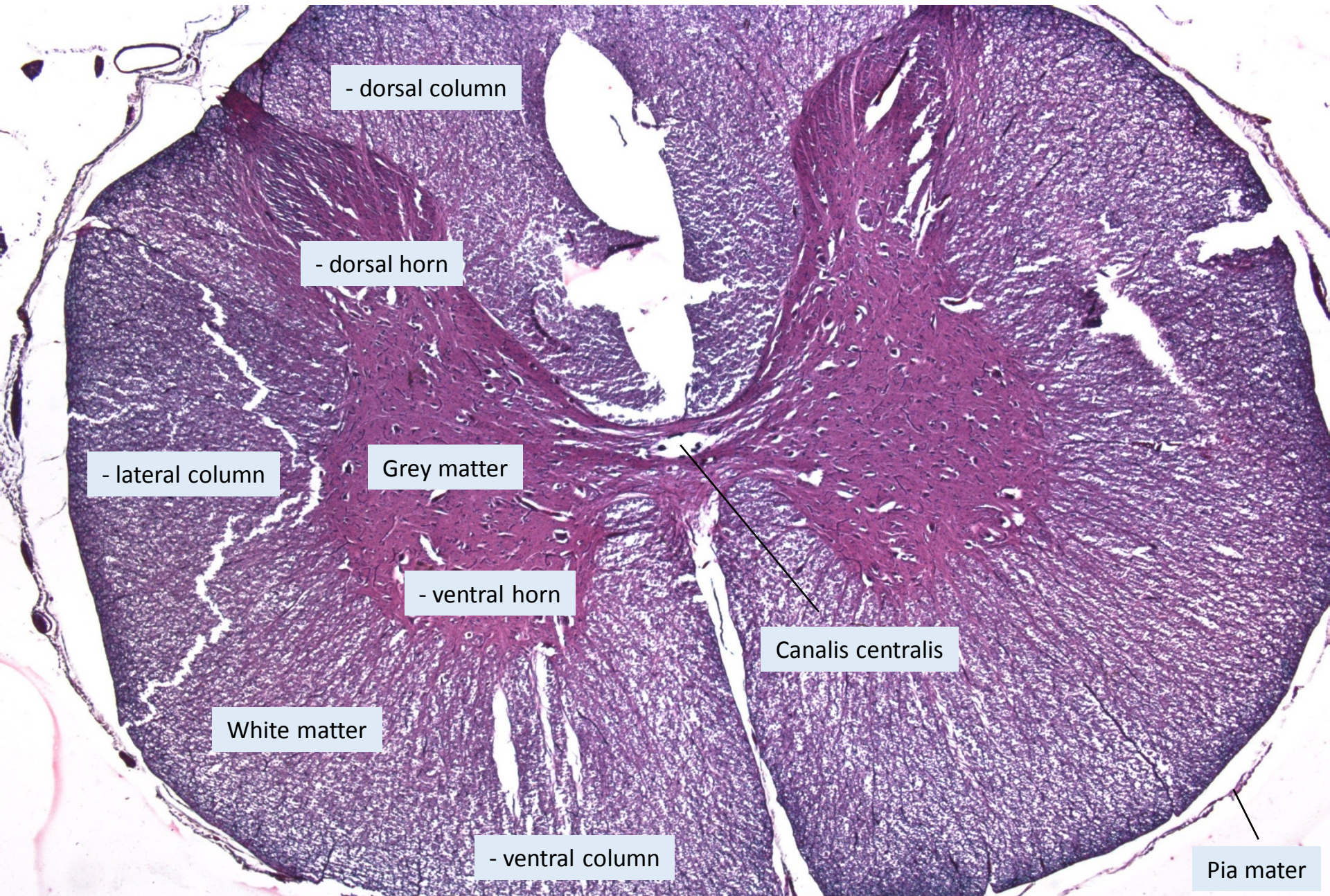
s. granulosum

20 µm

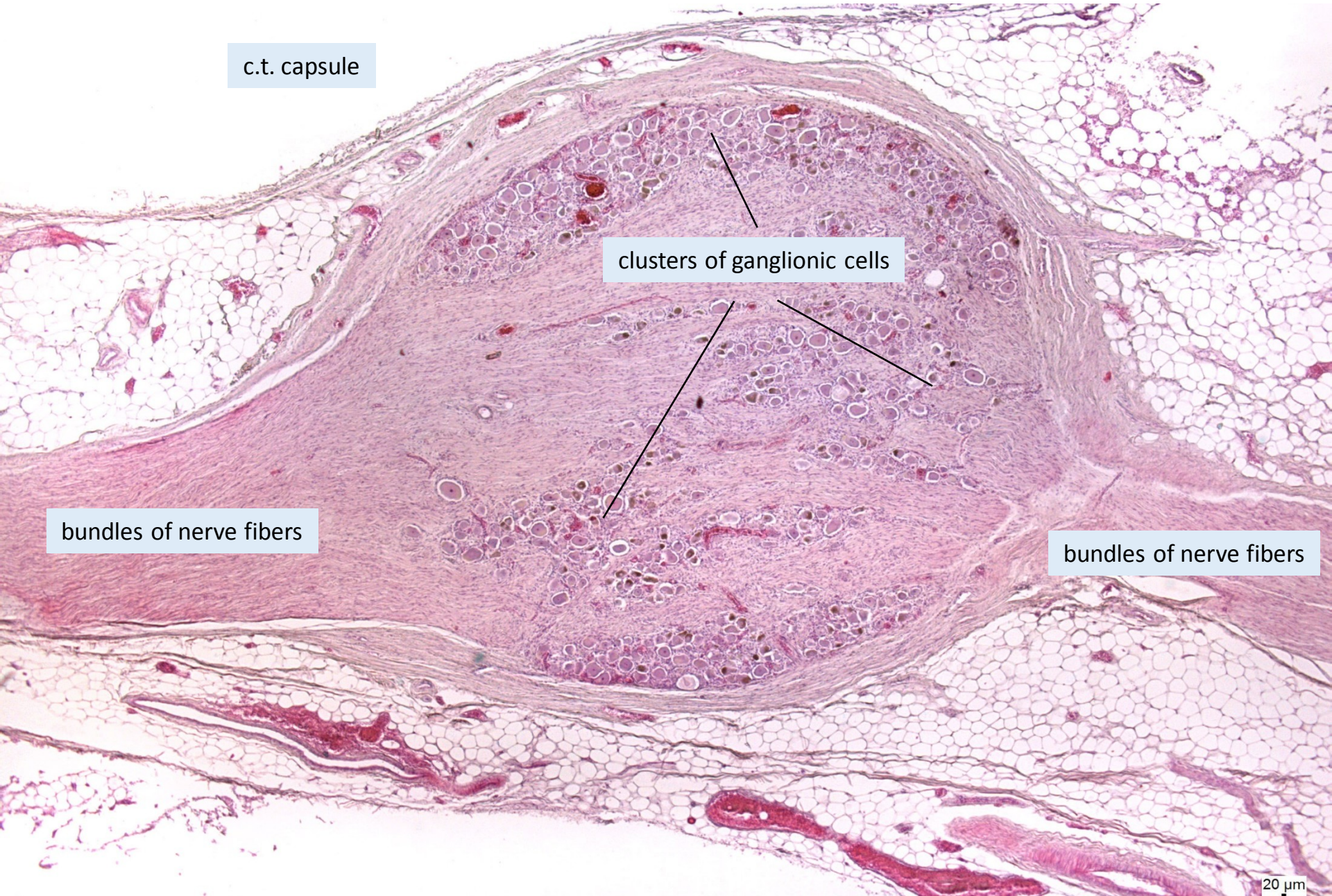
# Choroid plexus



# Spinal cord



# Spinal ganglion



c.t. capsule

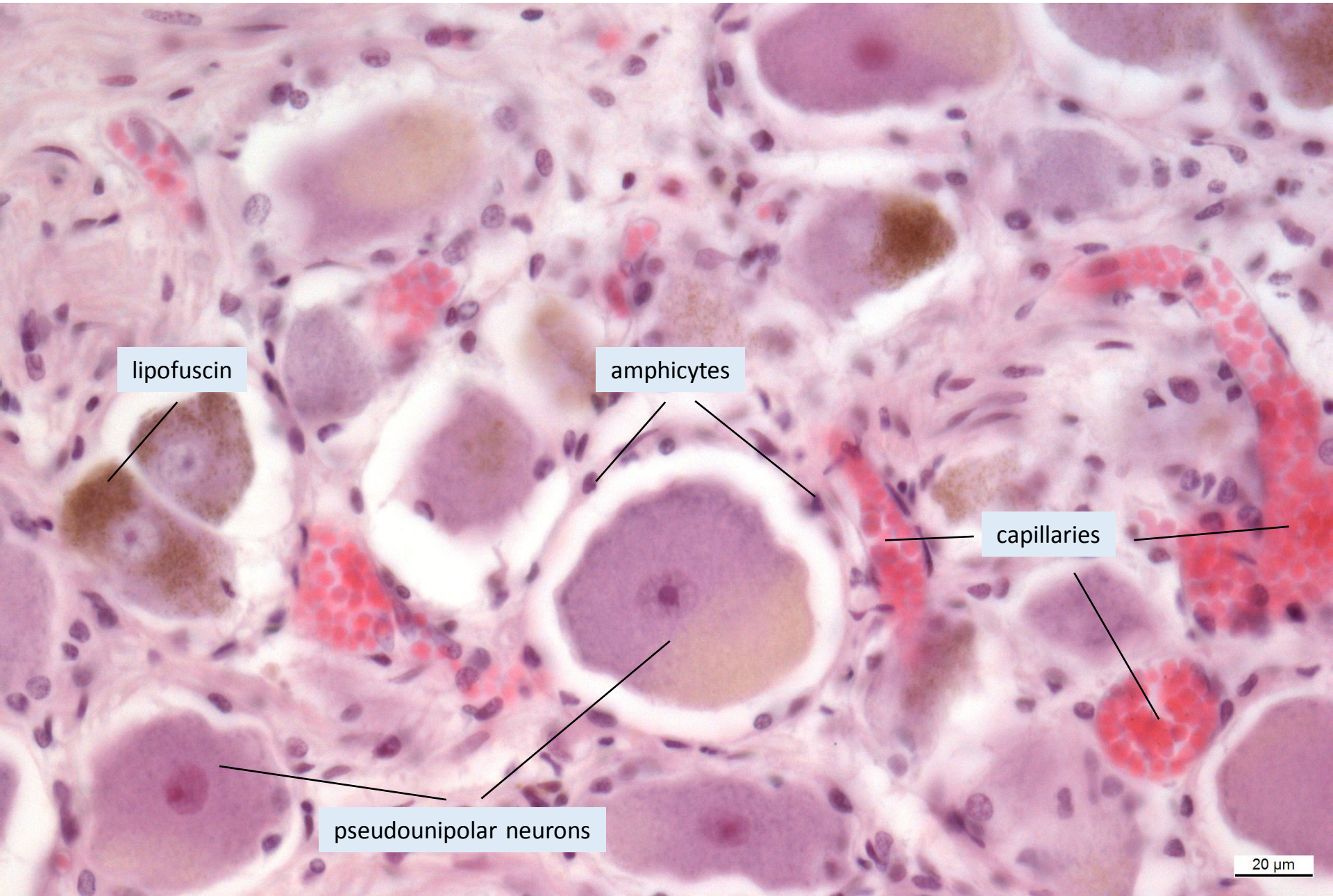
clusters of ganglionic cells

bundles of nerve fibers

bundles of nerve fibers



# Spinal ganglion



lipofuscin

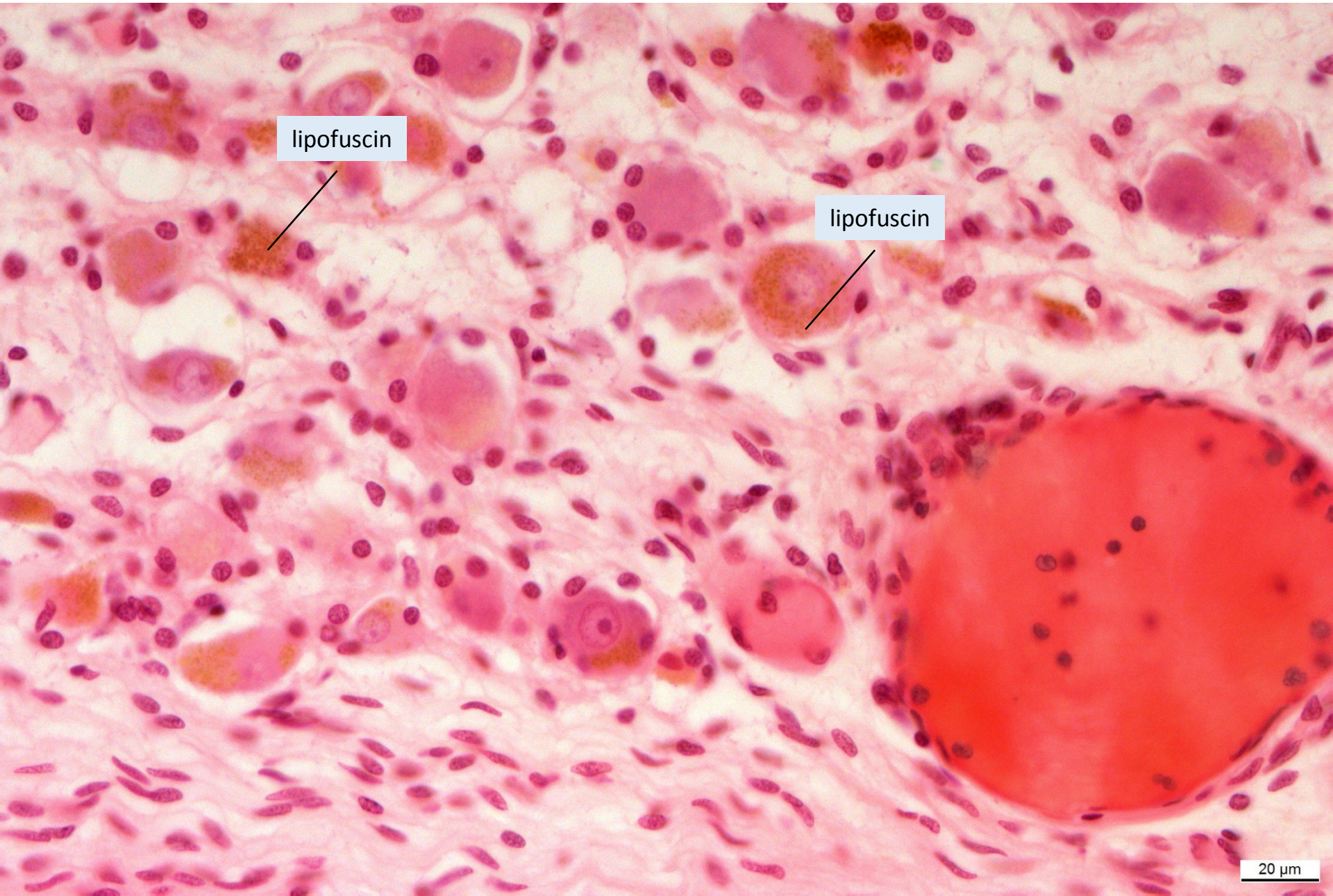
amphicytes

capillaries

pseudounipolar neurons

20  $\mu$ m

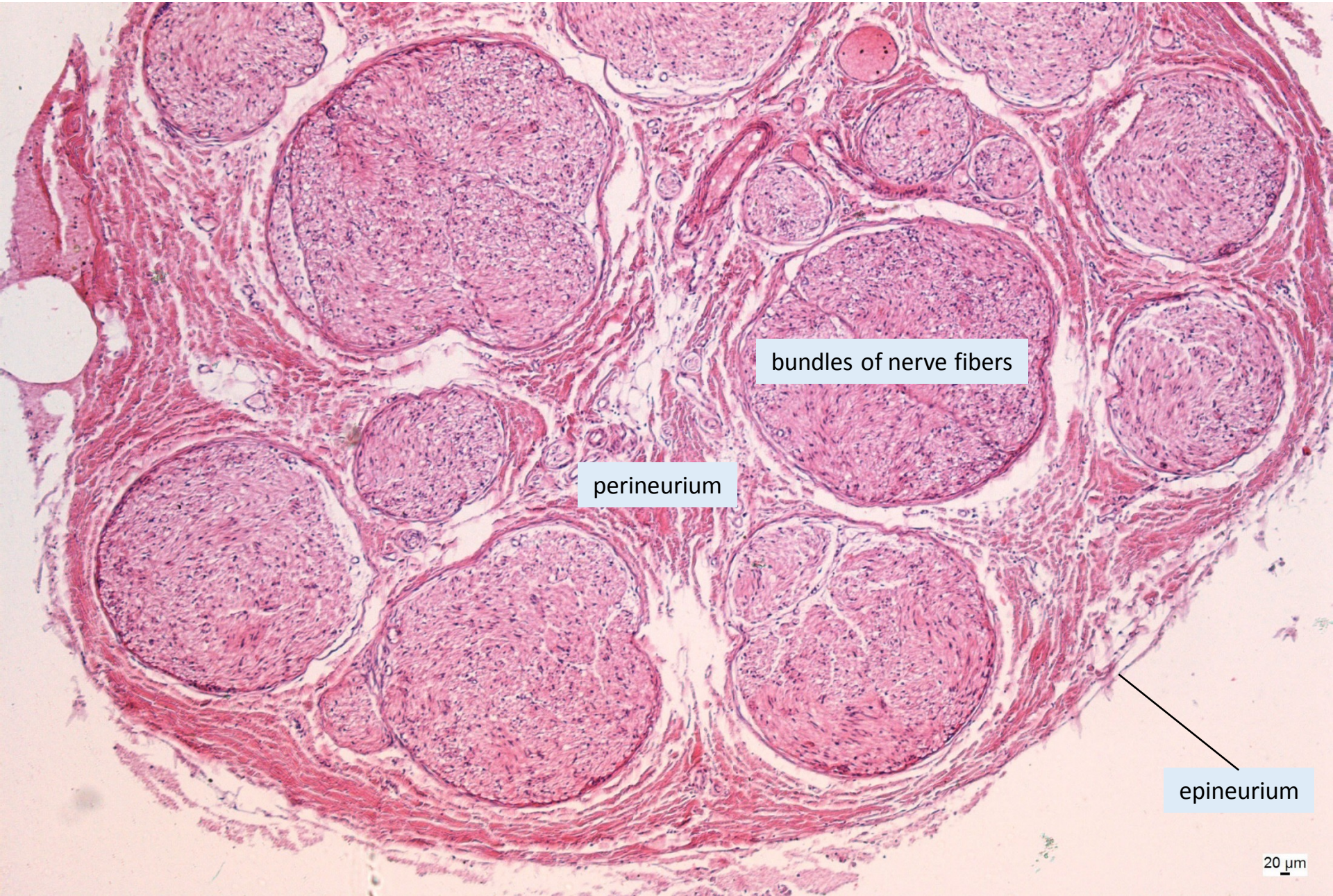
# Spinal ganglion - lipofuscin



lipofuscin

lipofuscin

# Peripheral nerve



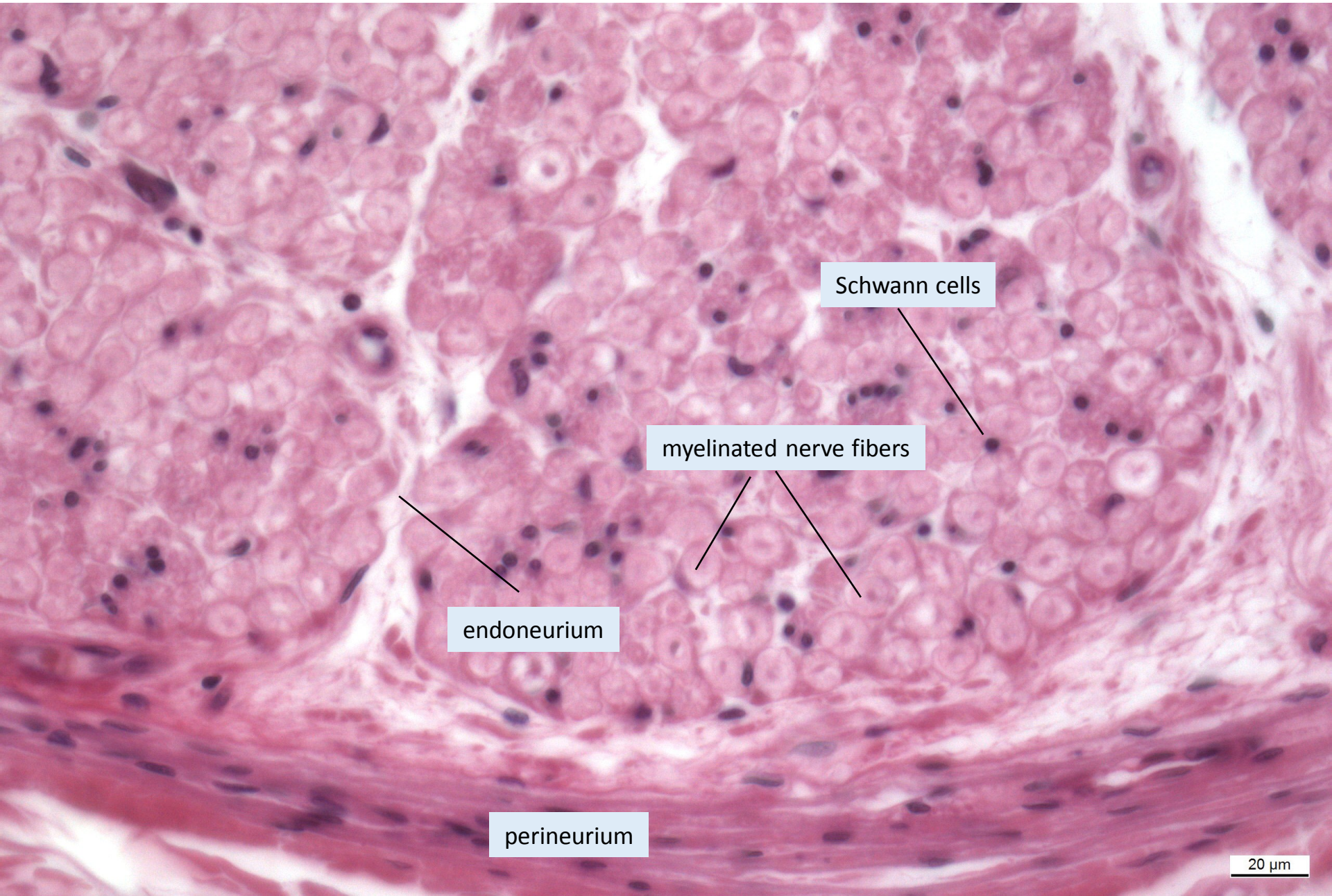
bundles of nerve fibers

perineurium

epineurium

20  $\mu$ m

# Peripheral nerve



Schwann cells

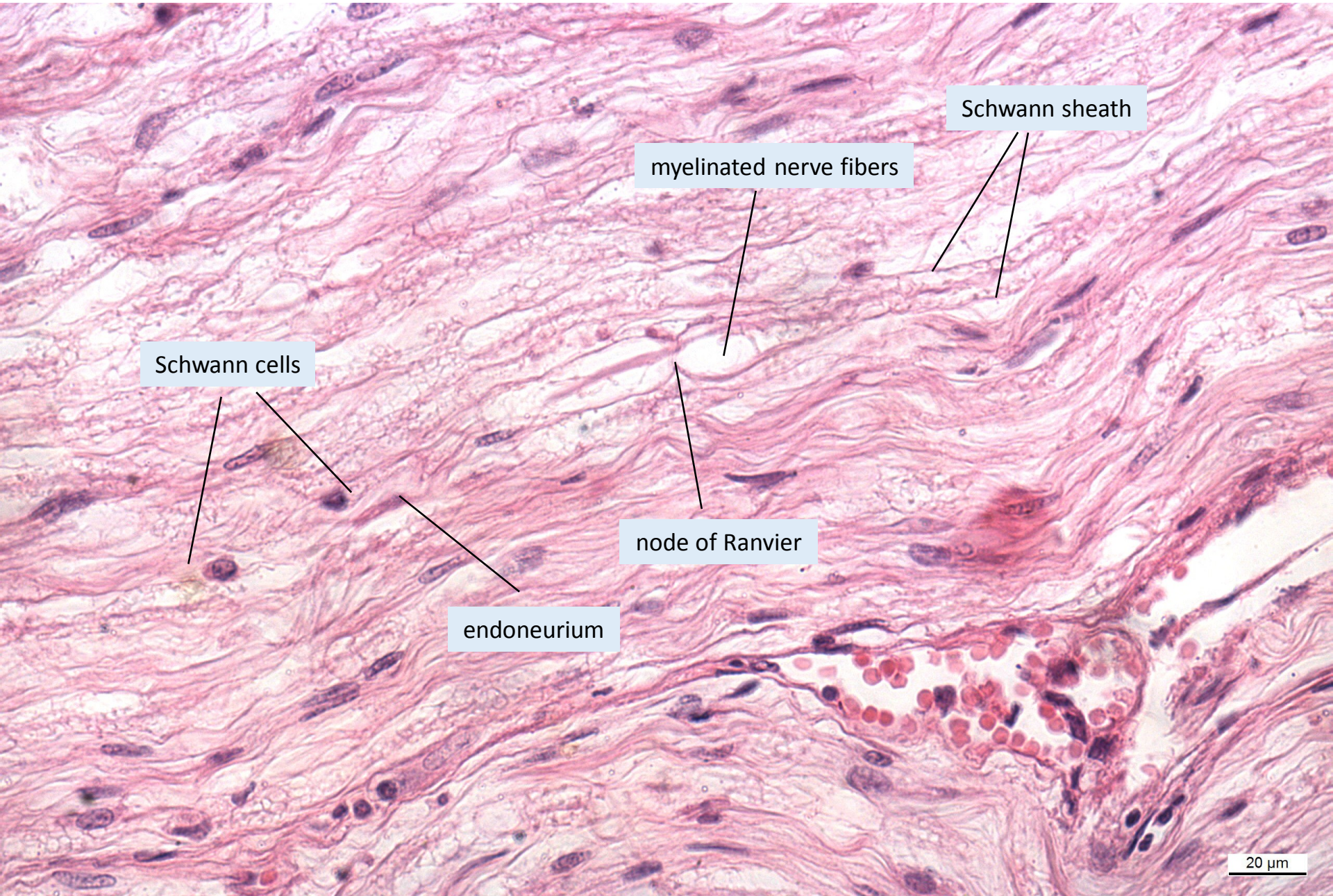
myelinated nerve fibers

endoneurium

perineurium

20  $\mu$ m

# Peripheral nerve



Schwann cells

myelinated nerve fibers

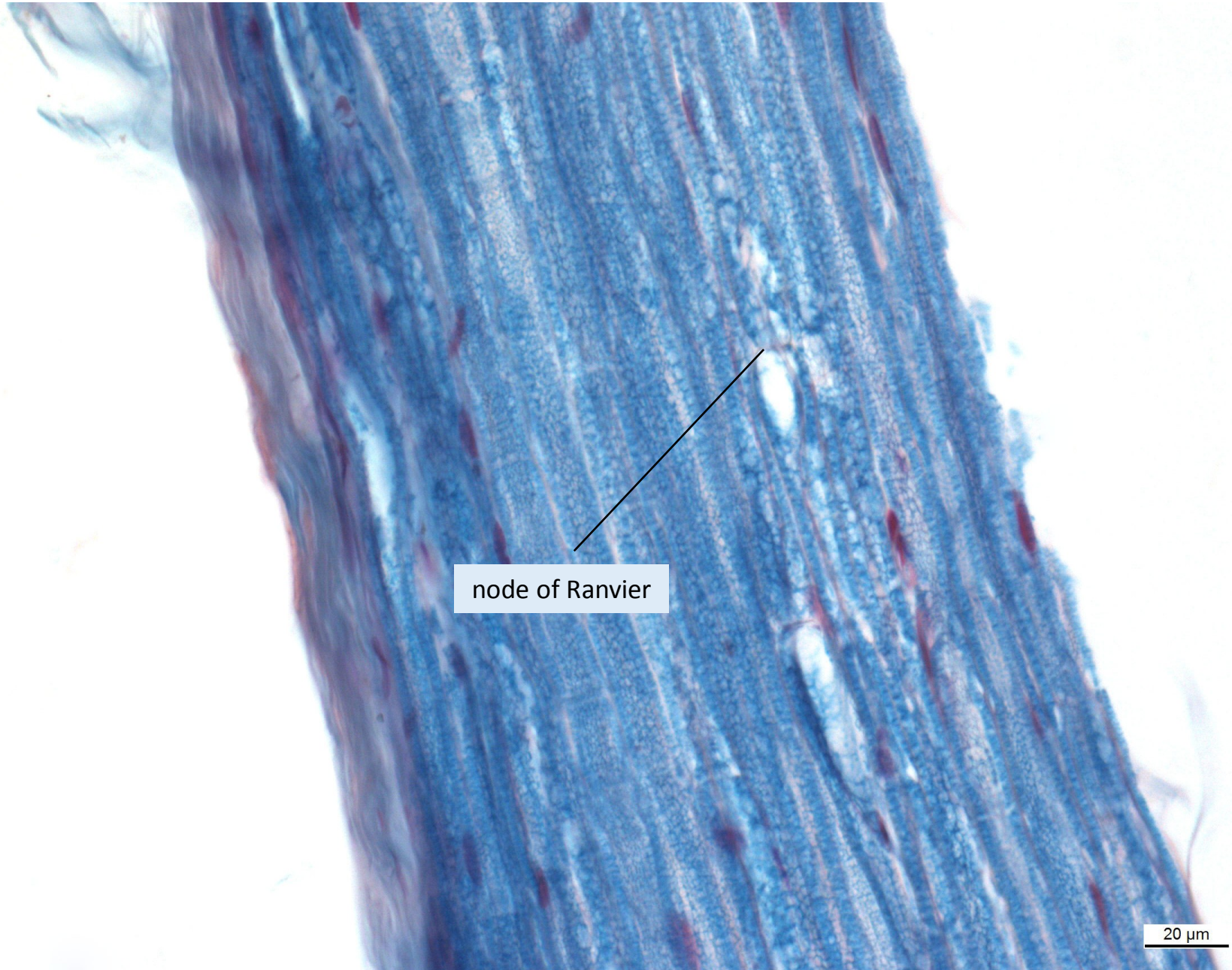
Schwann sheath

node of Ranvier

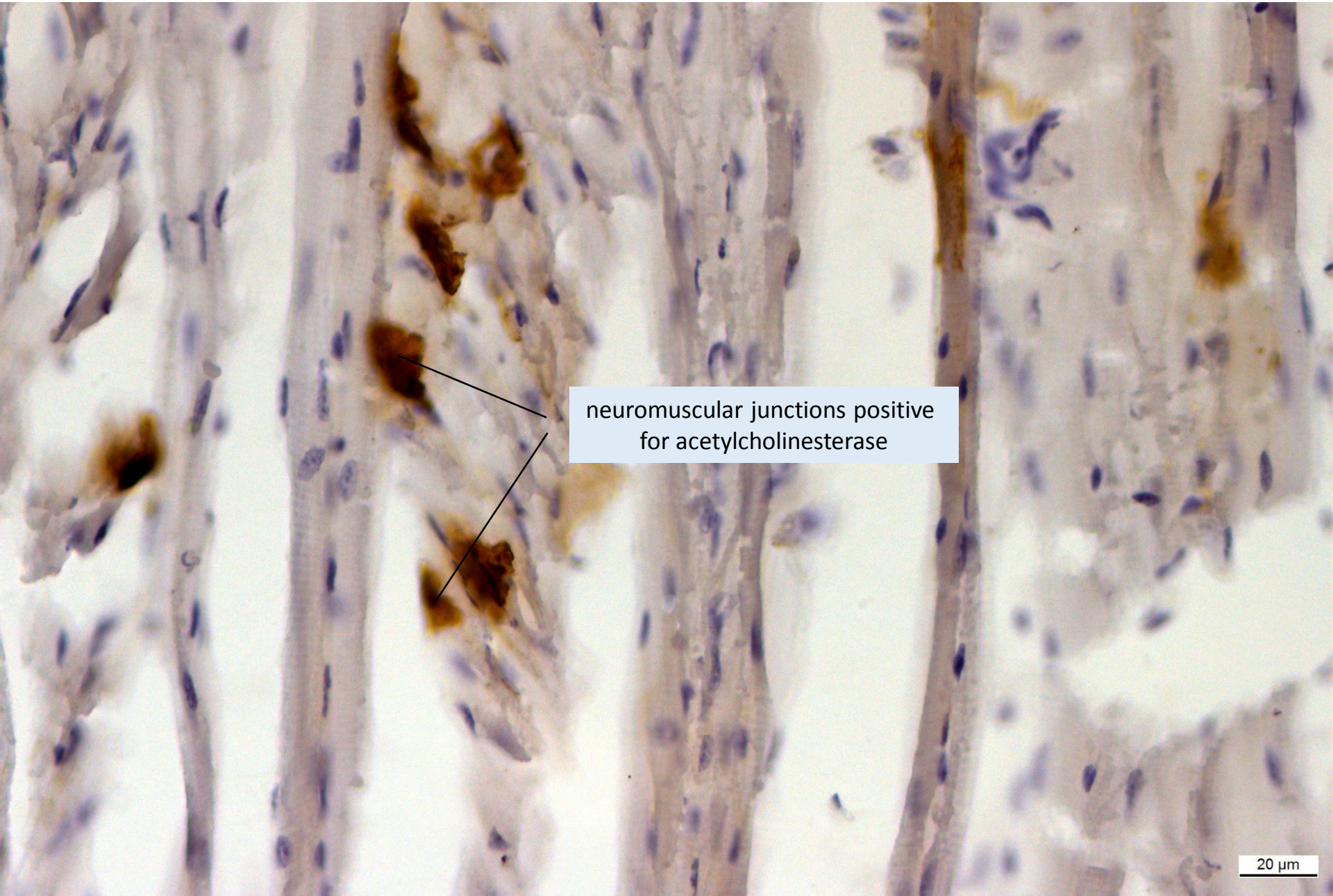
endoneurium

20 μm

# Peripheral nerve



# Neuromuscular junction



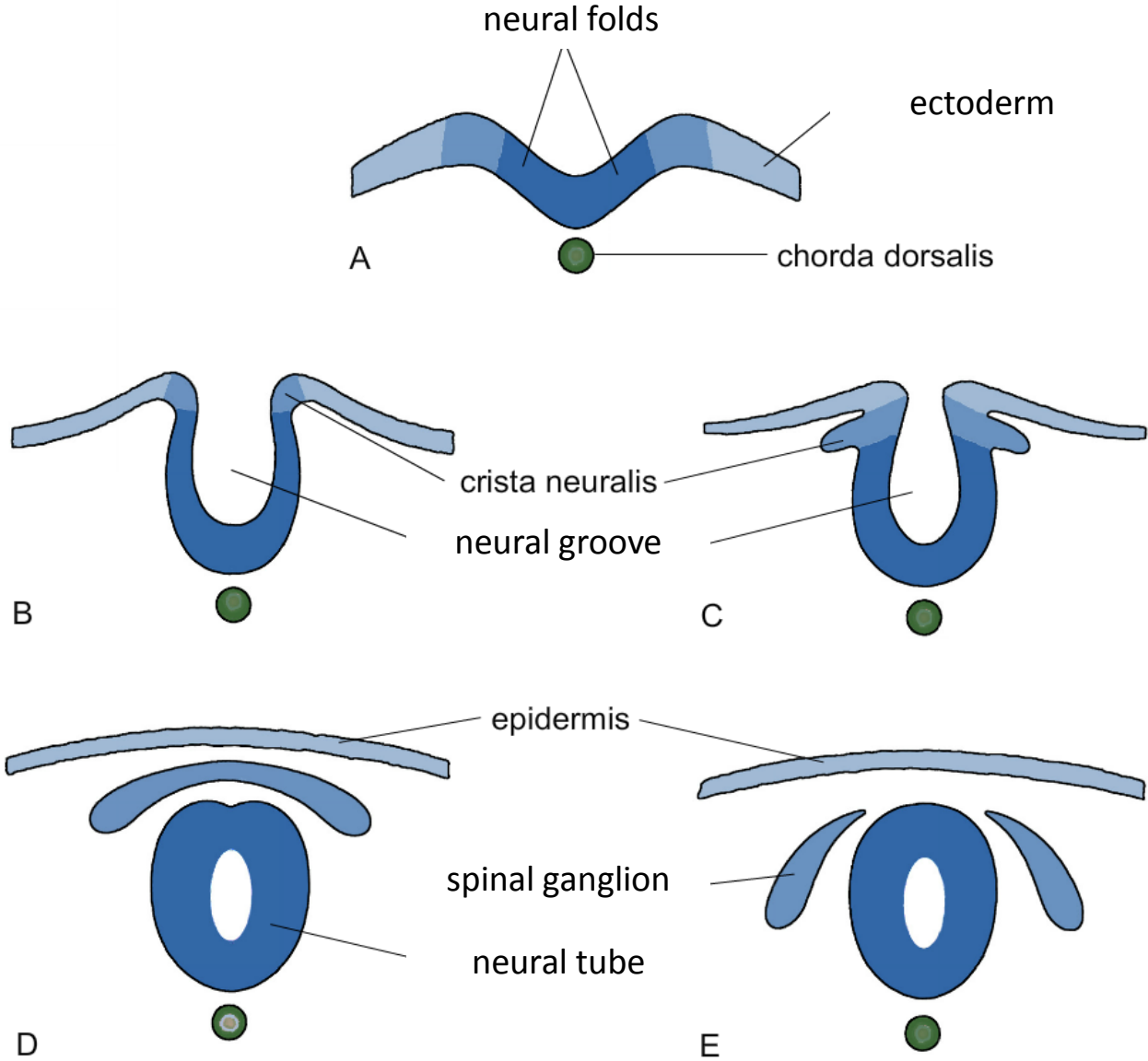
neuromuscular junctions positive  
for acetylcholinesterase

# List of slides

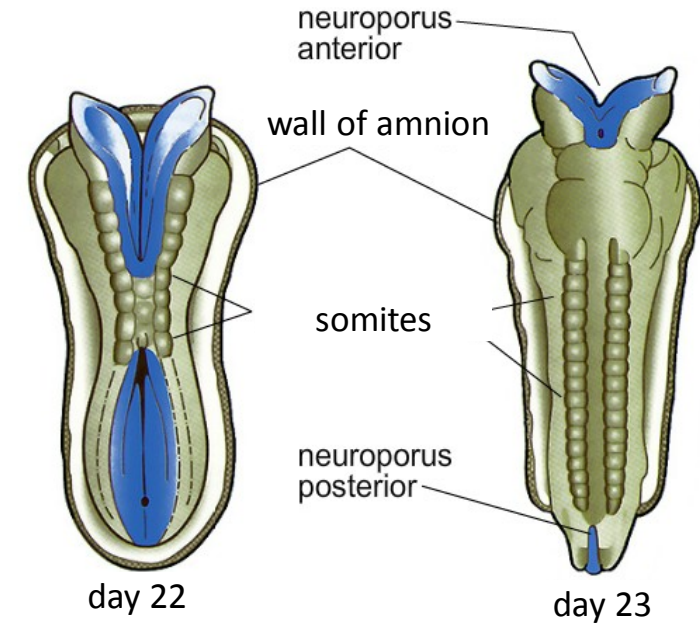
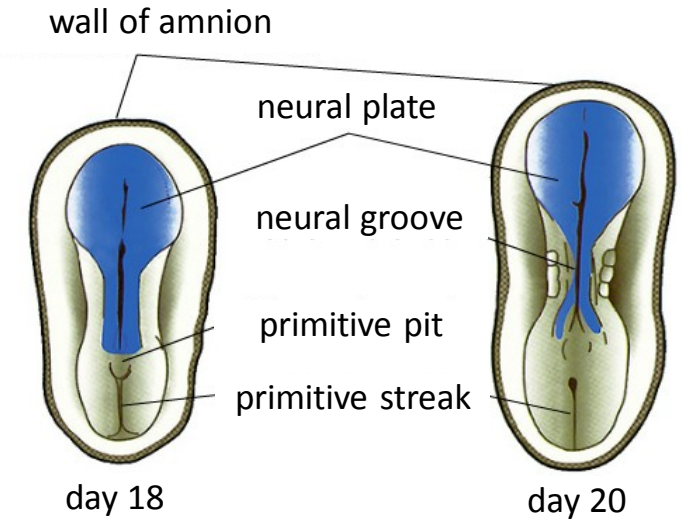
- 75. Cortex cerebri
- 76. Cortex cerebri (impregnation)
- 77. Cerebellum (impregnation)
- 78. Cerebellum (Nissl substance)
- 79. Medulla spinalis
- 80. Plexus choroideus
- 81. Ganglion spinale
- 82. Ganglion spinale (impregnation)
- 83. Ganglion autonomic
- 84. Peripheral nerve – cross section
- 85. Peripheral nerve – cross section (myelin)
- 86. Peripheral nerve – longitudinal section
- 87. Peripheral nerve – longitudinal section (myelin)



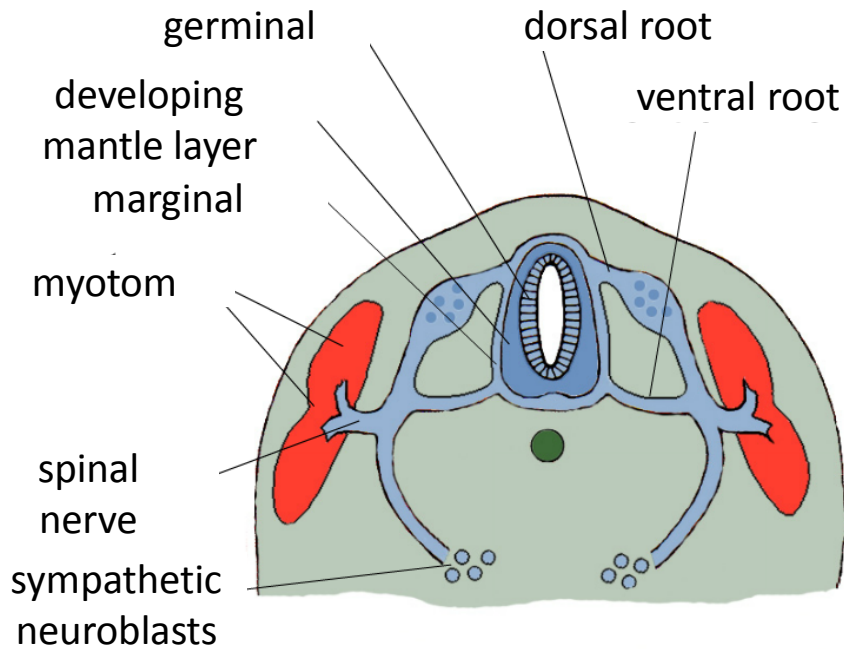
# Development of neural tube



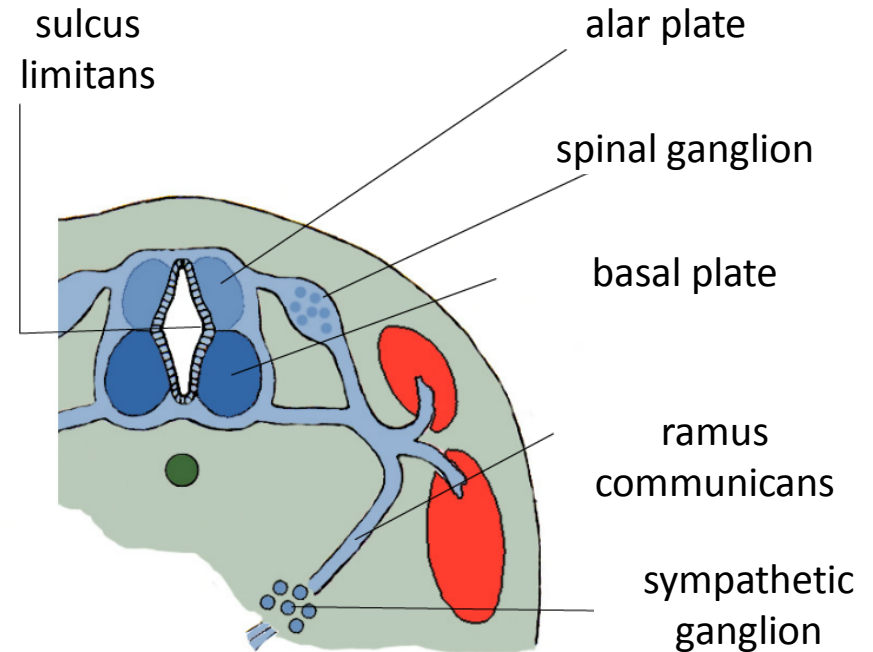
# Closing of neural tube



# Development of spinal cord

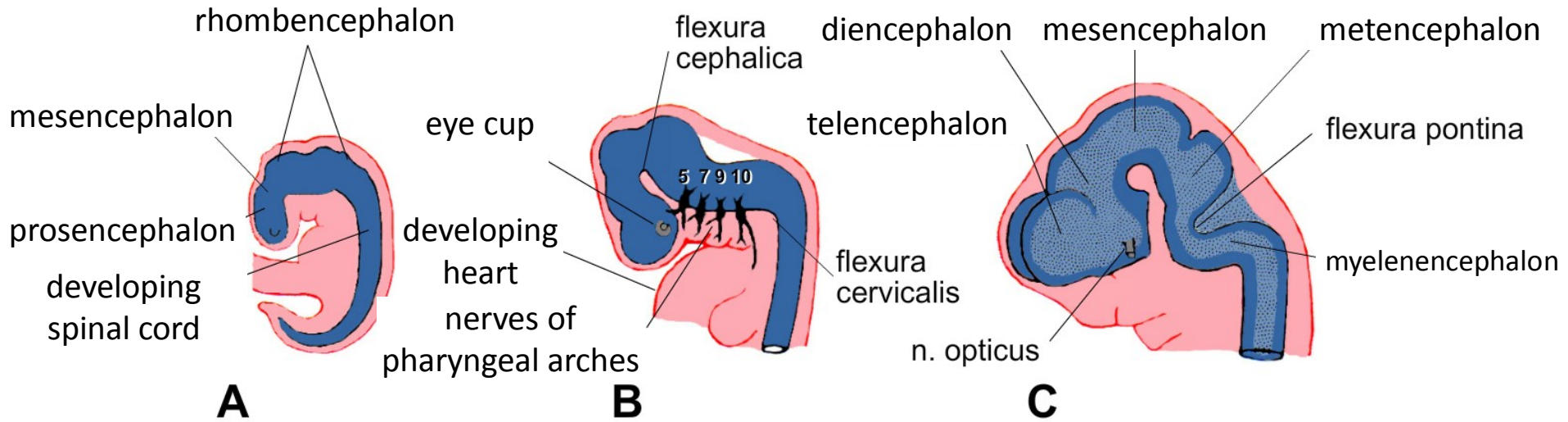


**A**



**B**

# Development of brain



# Development of brain

