



Data base of Histology Color slides

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05

Nervous Tissue



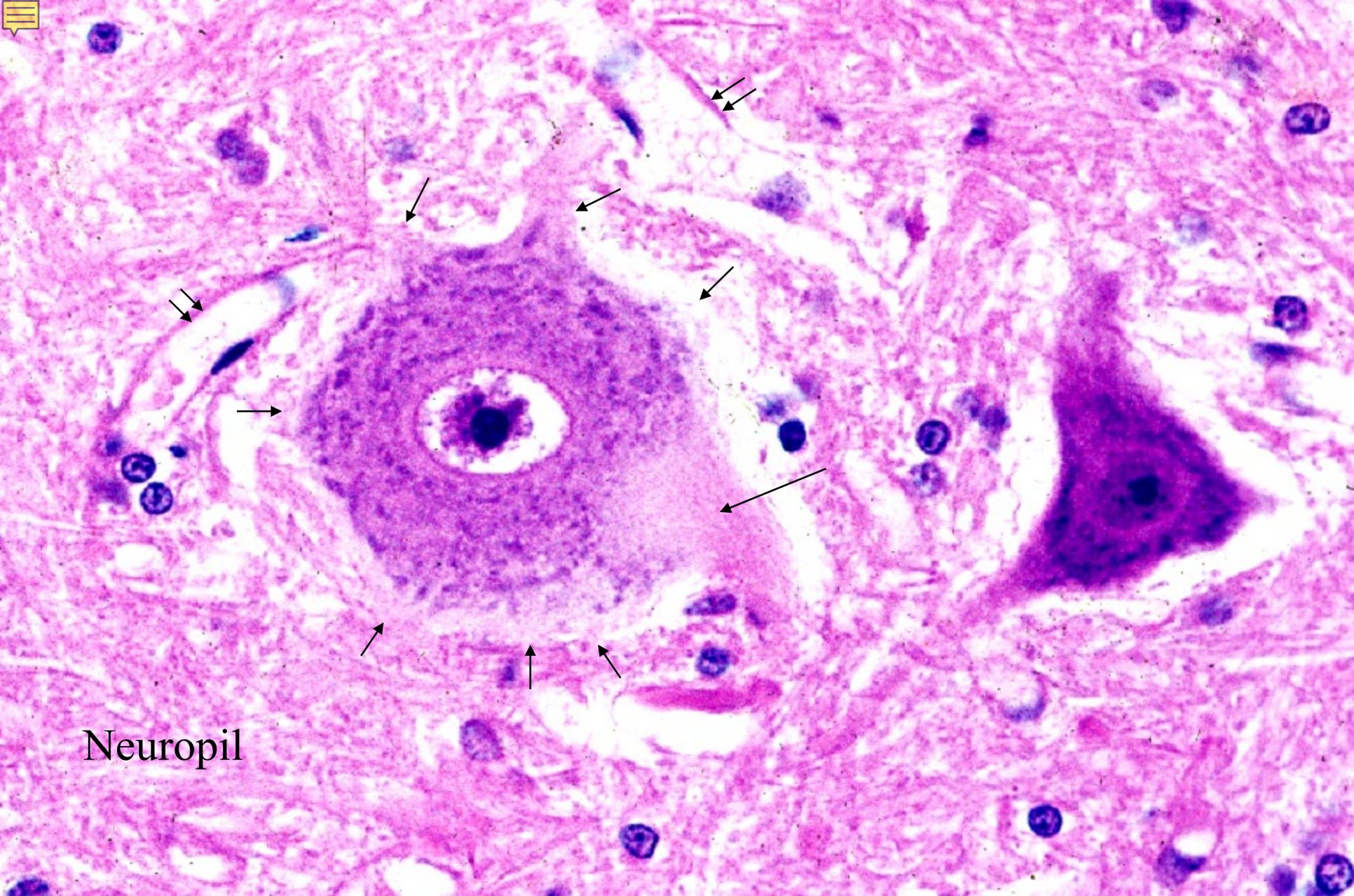
05-001

Central Nervous System



05-0011

Nerve Cells (Neurons)



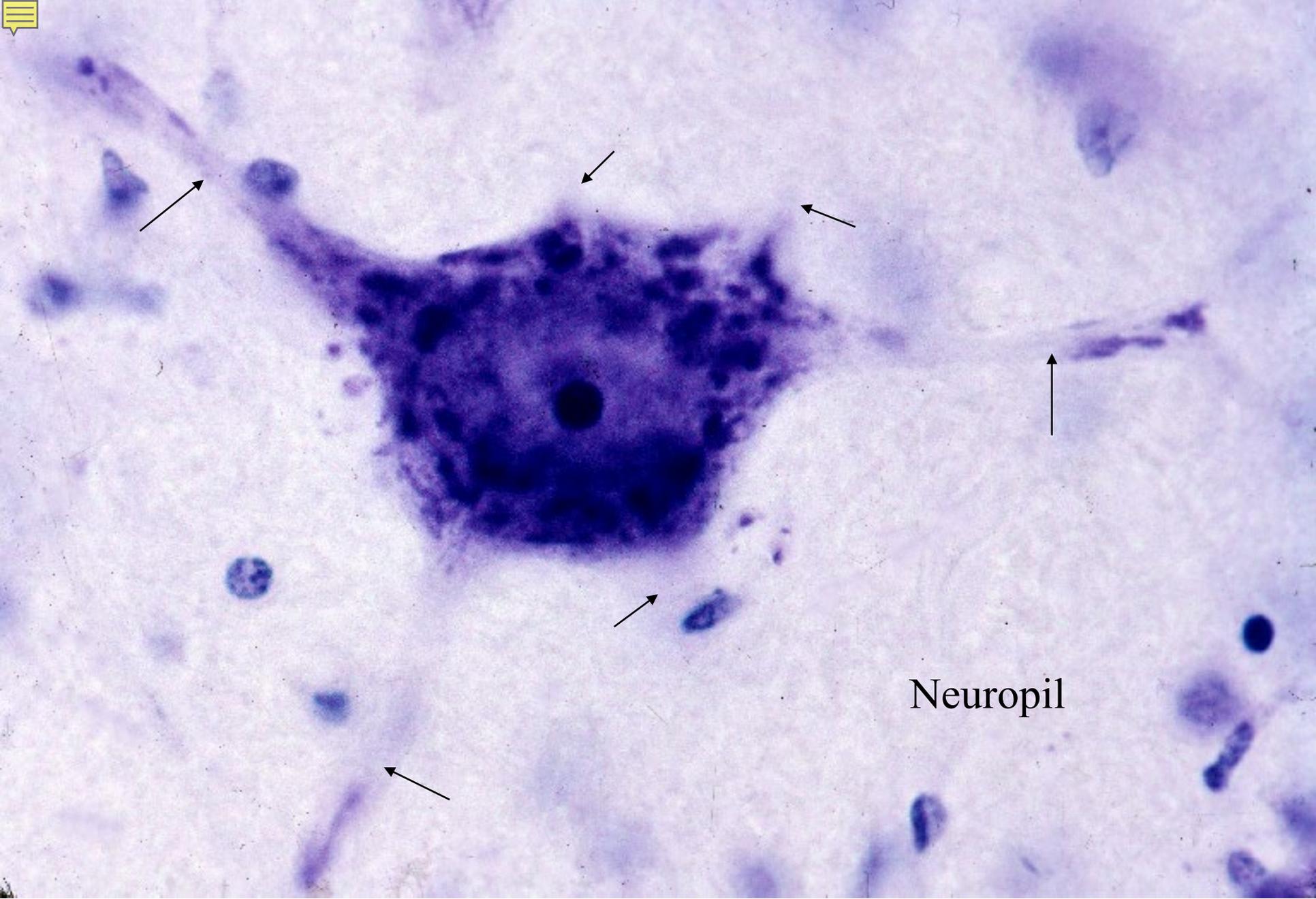
Neuropil

05-01. Anterior horn cells 1. Dog, H-E stain, x 160.



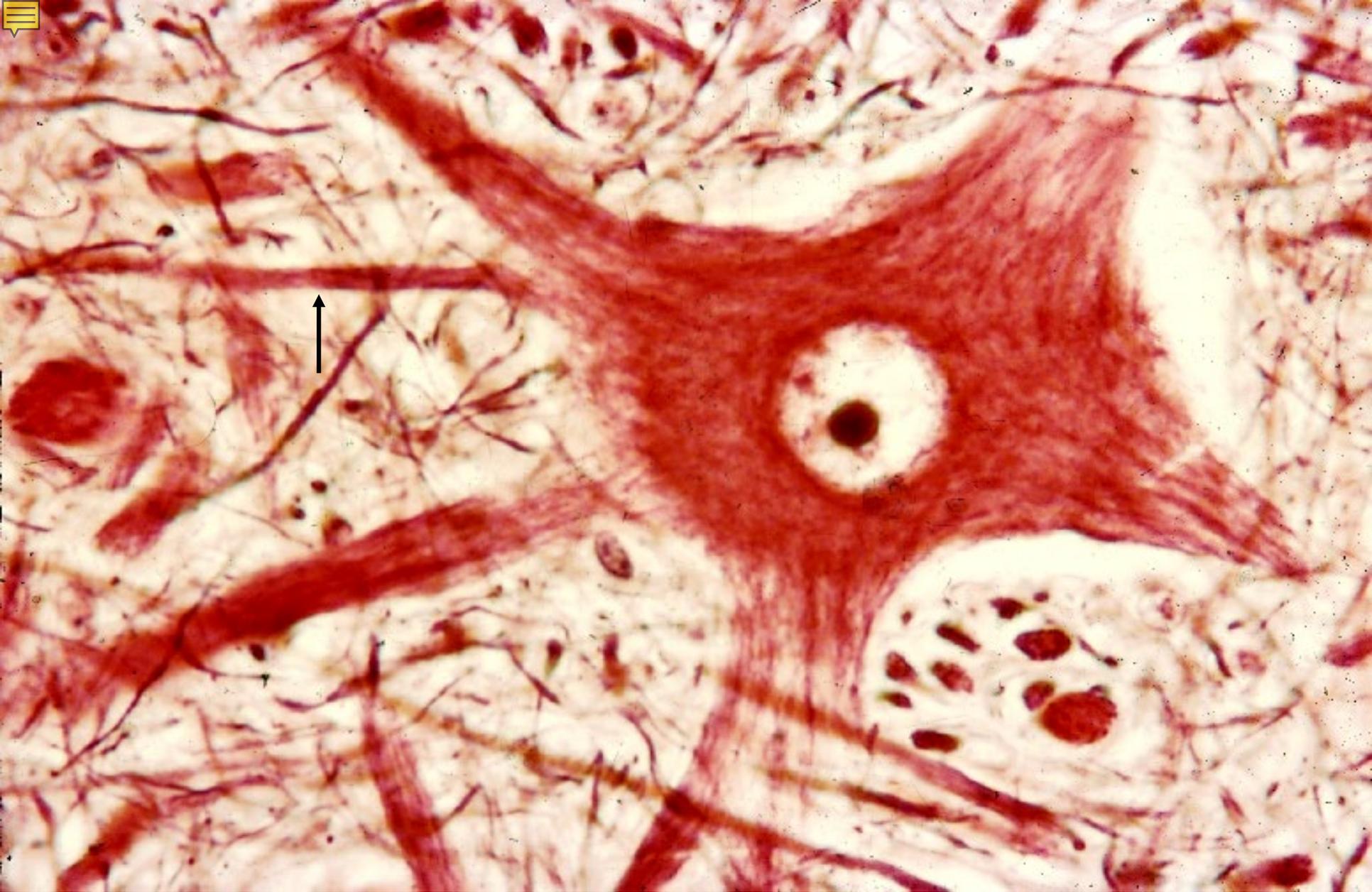
Neuropil

05-02. Anterior horn cell 2. Human, Nissl stain, x 250.

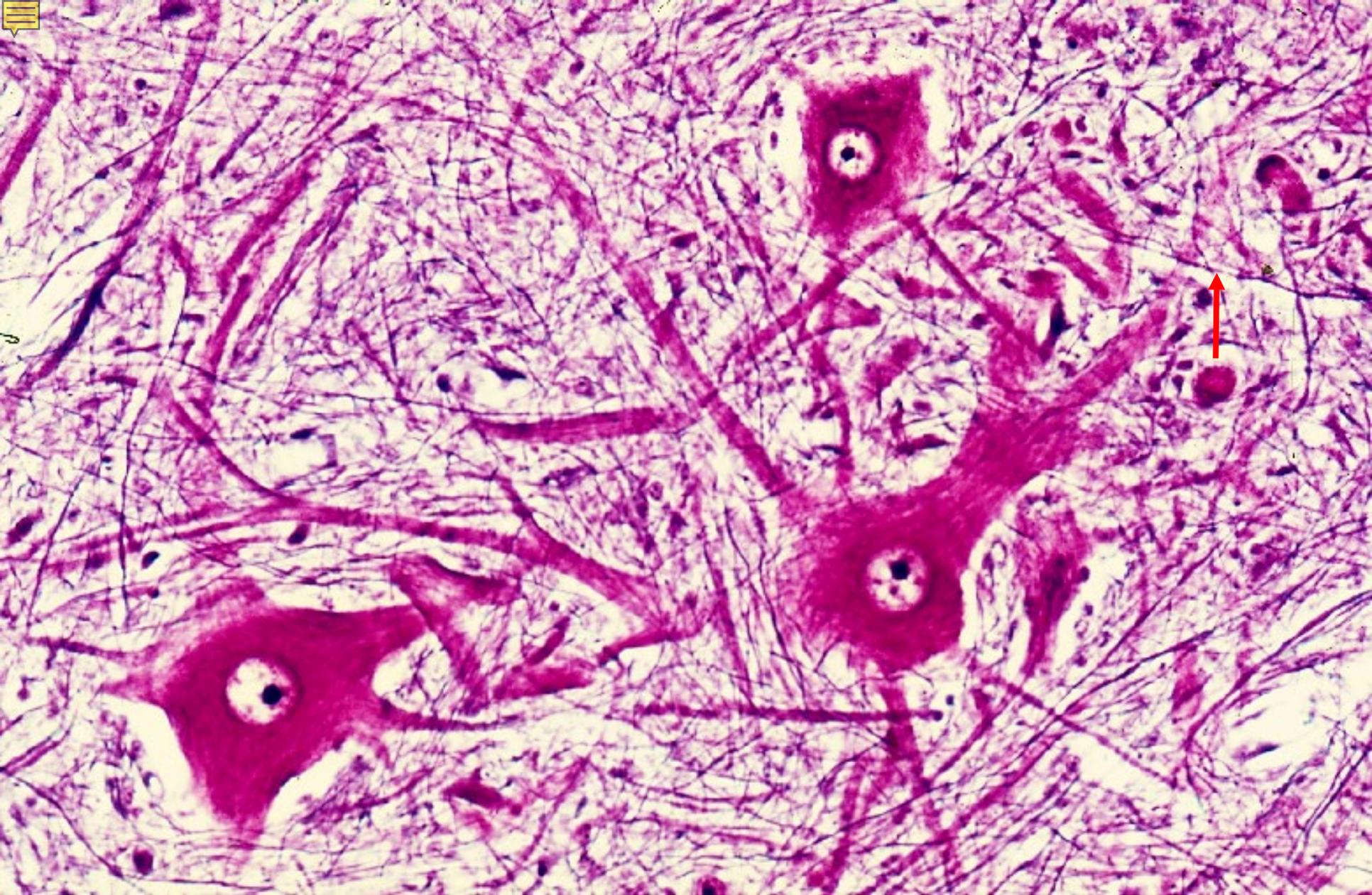


Neuropil

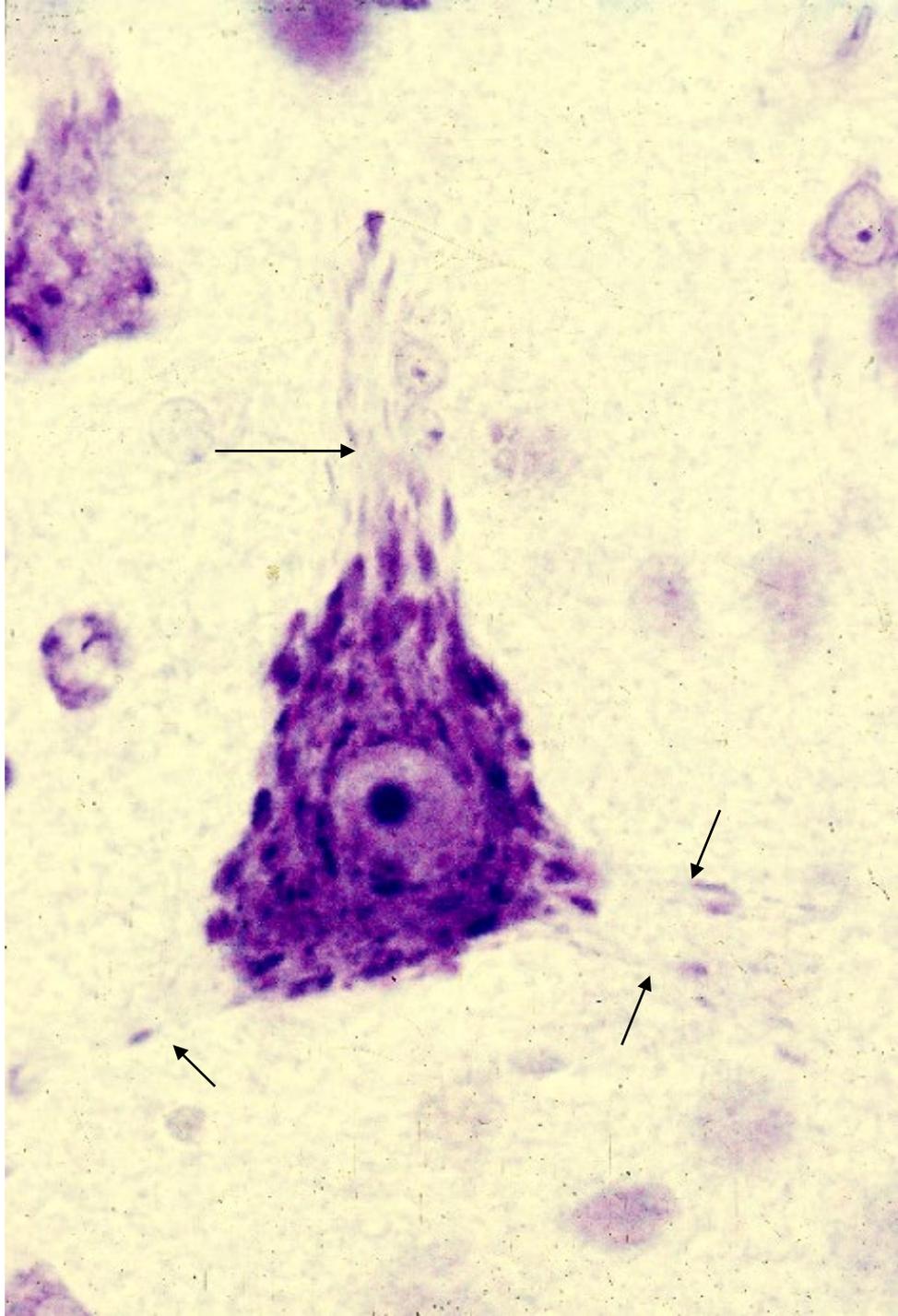
05-03. Anterior horn cell 3. Human, Nissl stain, x 250.



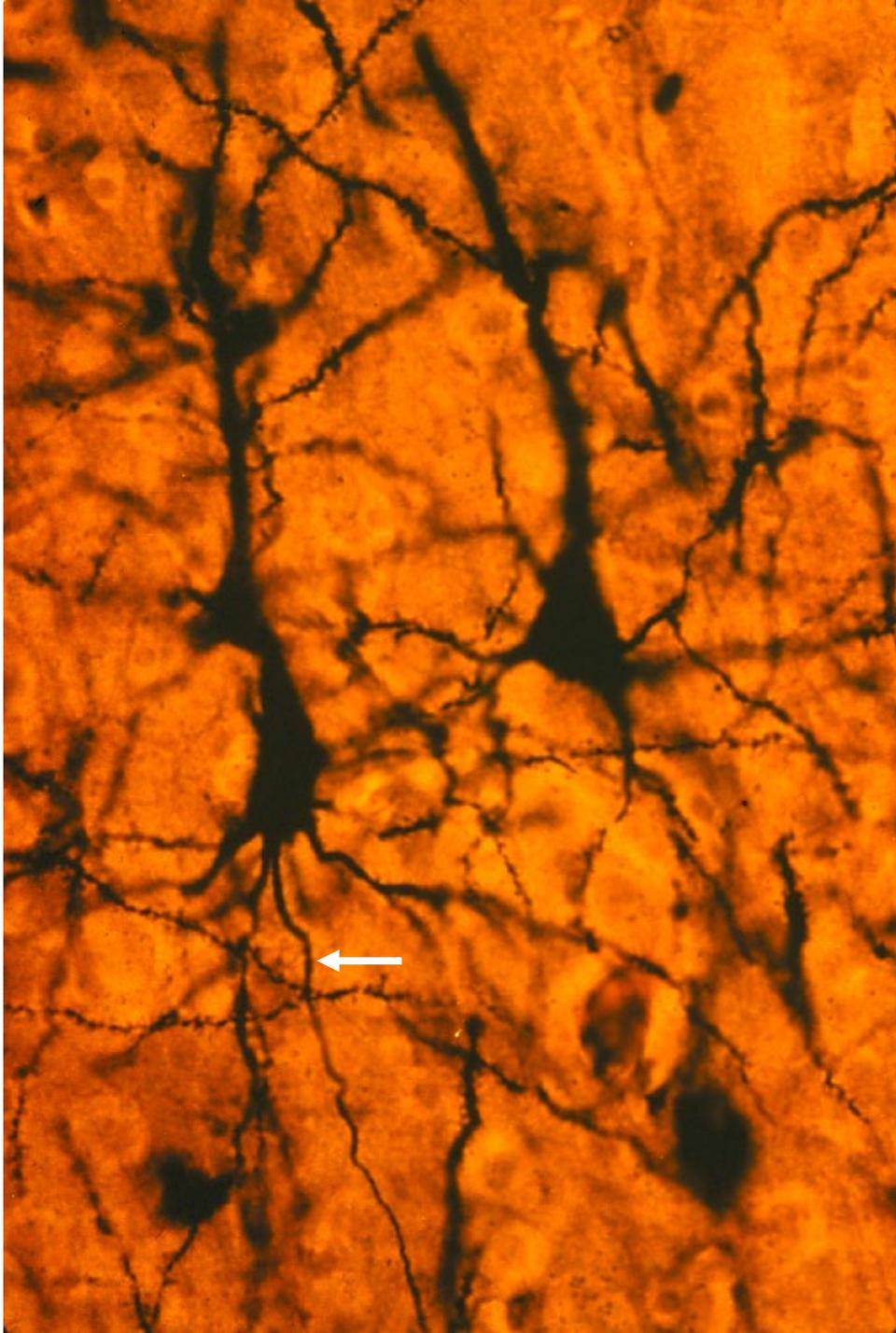
05-04. Anterior horn cell 4. Dog, Bodian's silver impregnation, x 400.



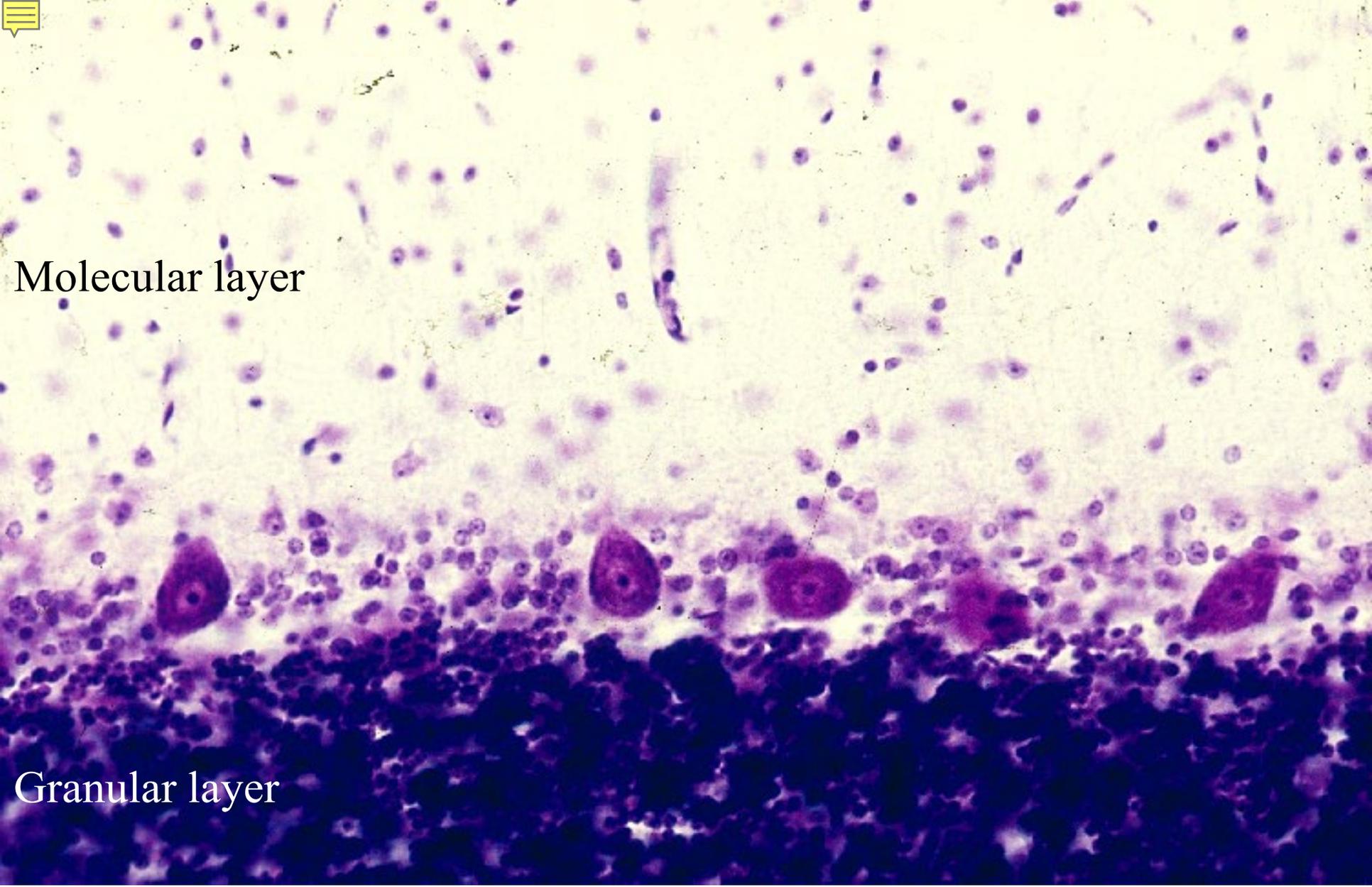
05-05. Anterior horn cells 5. Dog, Bodian's silver impregnation, x. 160.



05-06.
Giant pyramidal cell 1.
Human,
Nissl stain, x 250.



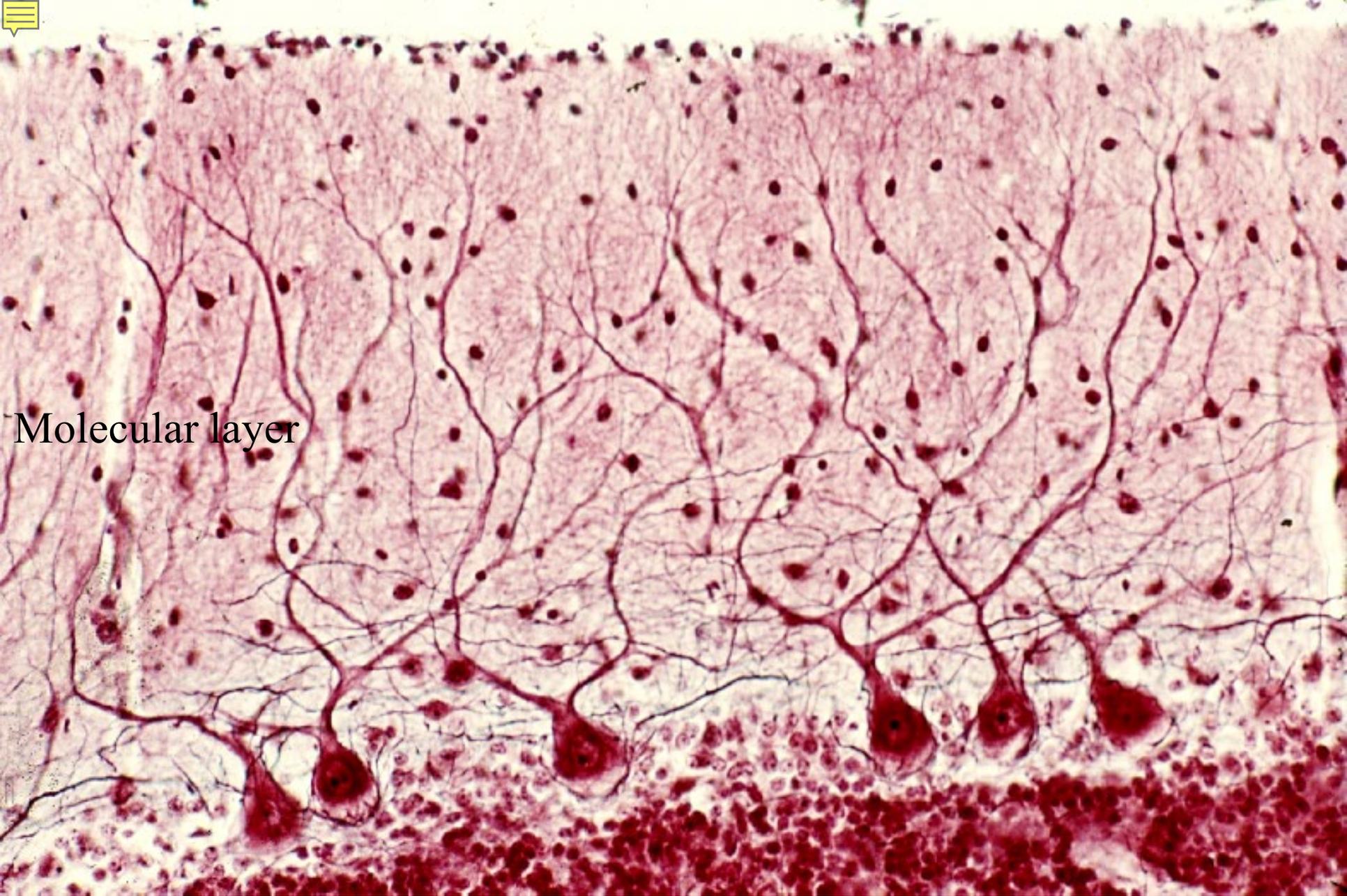
05-07.
Giant pyramidal cells 2.
Dog, Golgi's silver
impregnation,
x 100.



Molecular layer

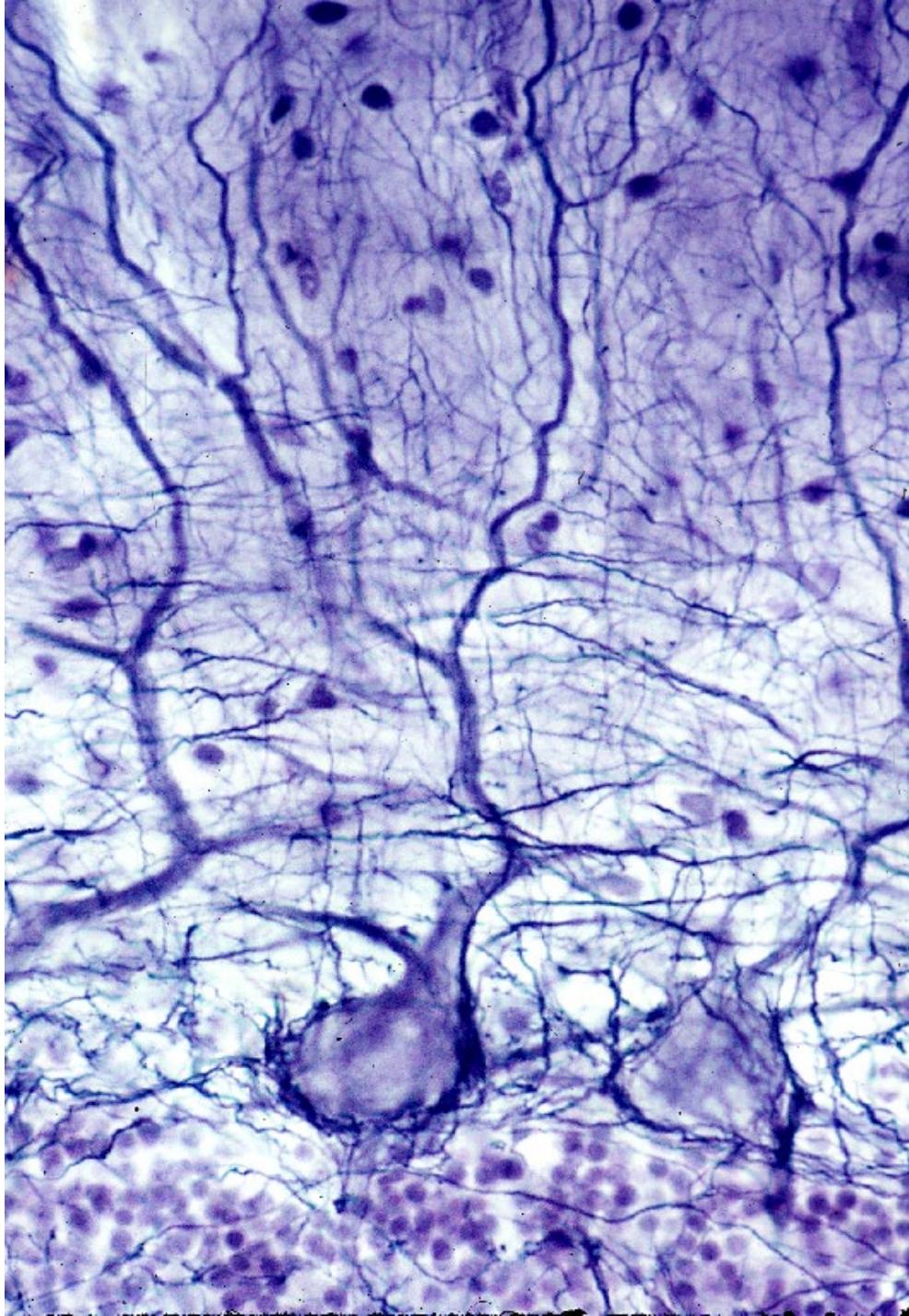
Granular layer

05-08. Cerebellar cortex 1. Human, Nissl stain, x 100.

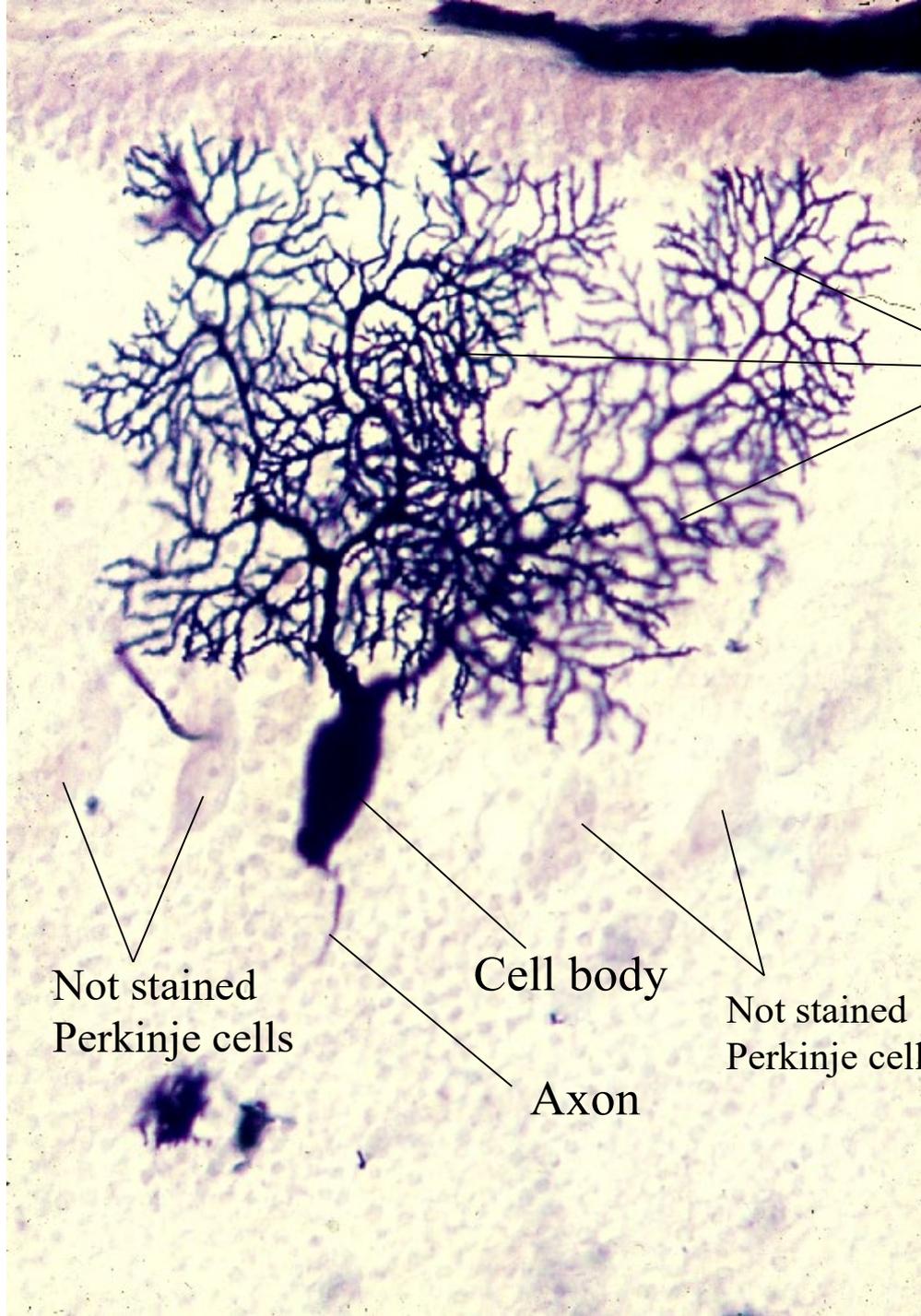


Molecular layer

05-09. Cerebellar cortex 2. Dog, Bodian's silver impregnation, x 64.



05-10.
Cerebellar cortex 3.
Purkinje cell.
Human, Suzuki's
silver impregnation,
x 160.



Dendrites

Not stained
Perkinje cells

Cell body

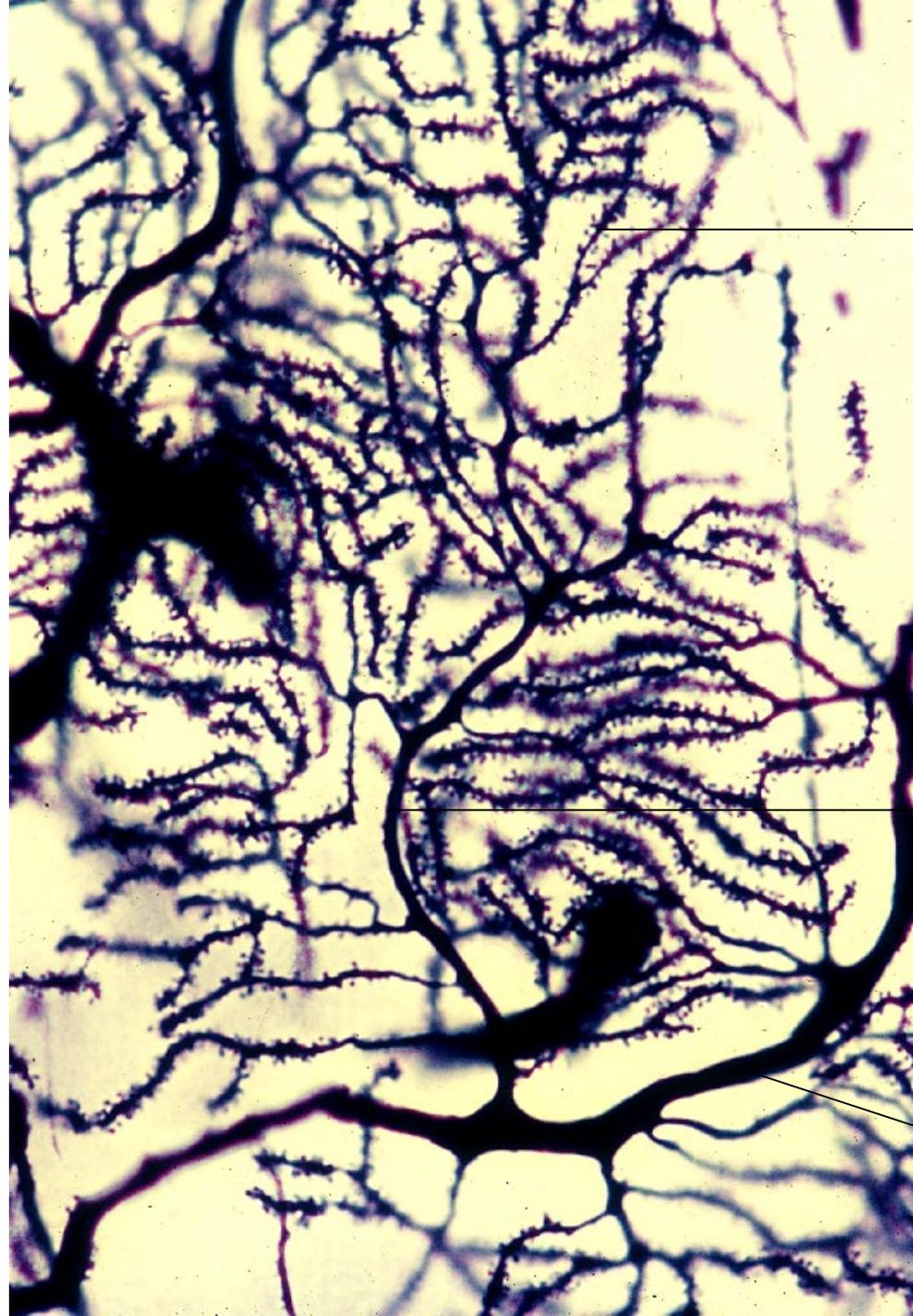
Not stained
Perkinje cells

Axon

05-11.
Cerebellar cortex 4.
Purkinje cell.
Dog, Golgi's silver
impregnation,
x 100.



05-12.
Cerebellar cortex 5.
Purkinje cell.
Human,
Golgi's silver
impregnation,
x 80.



Final dendrite
with spines

Tertiary
dendrite

Secondary
dendrite

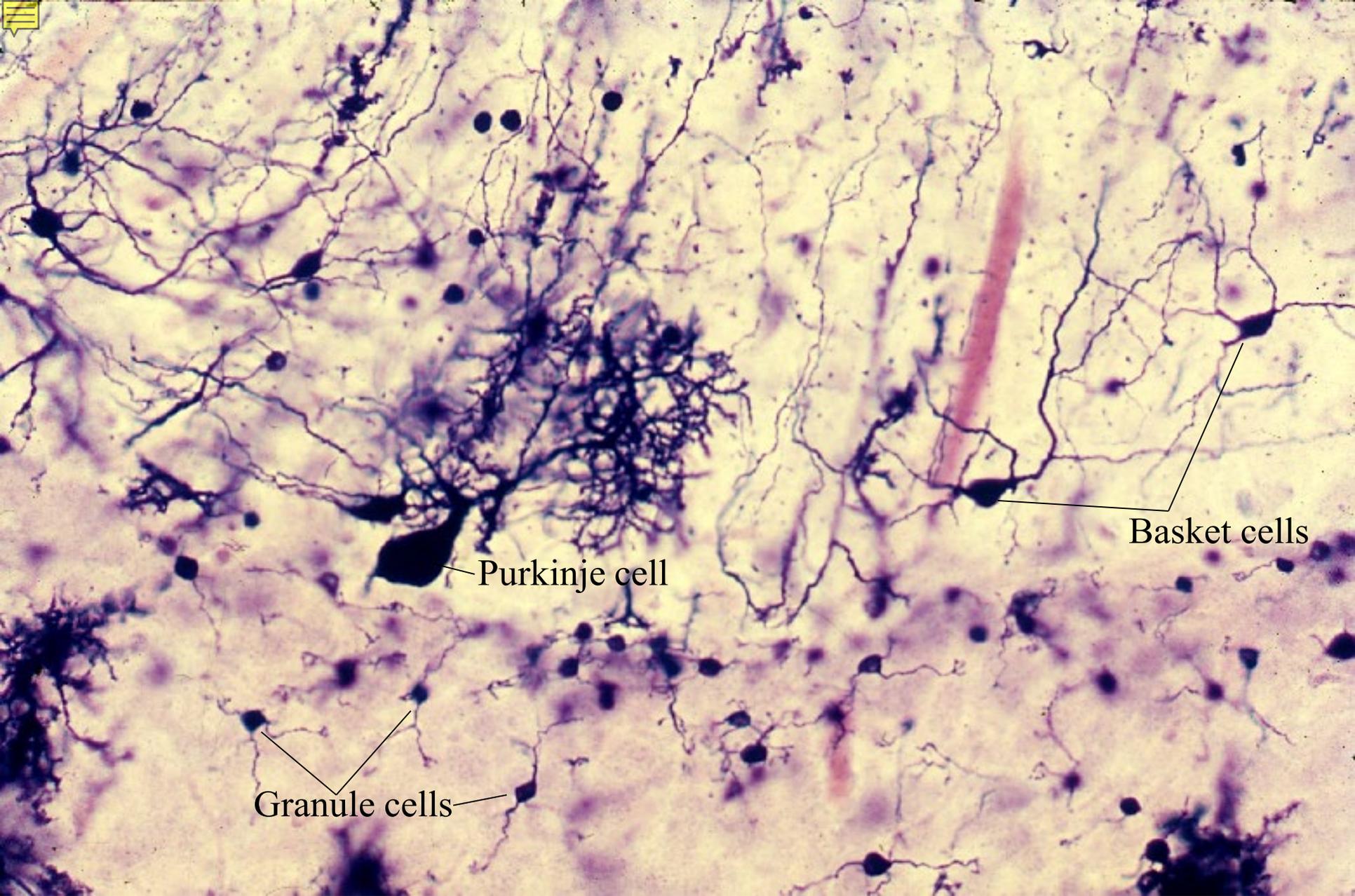
05-13.
Cerebellar cortex

6.

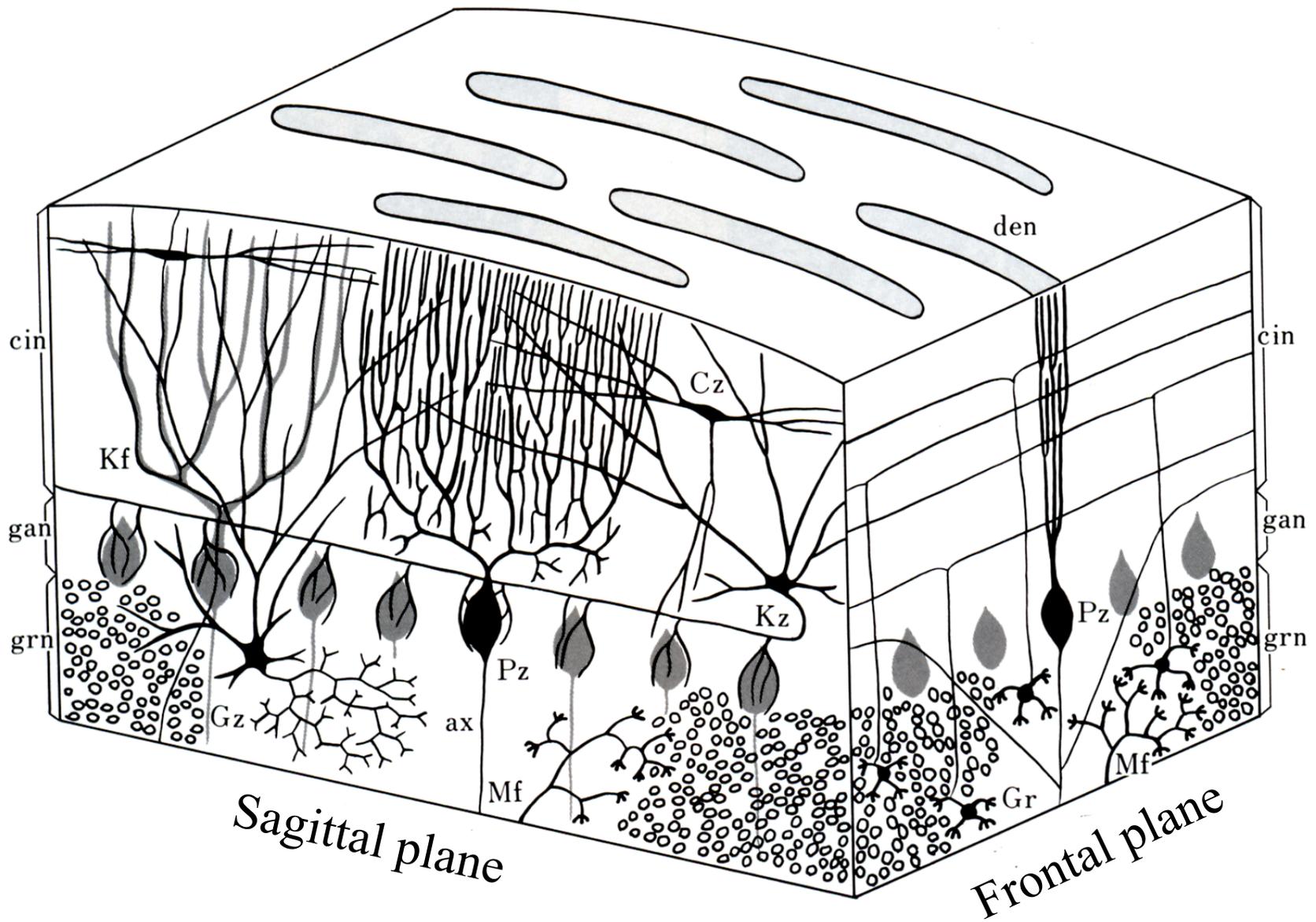
Dendrites of
Purkinje cell.

Human,
Golgi's silver
impregnation,

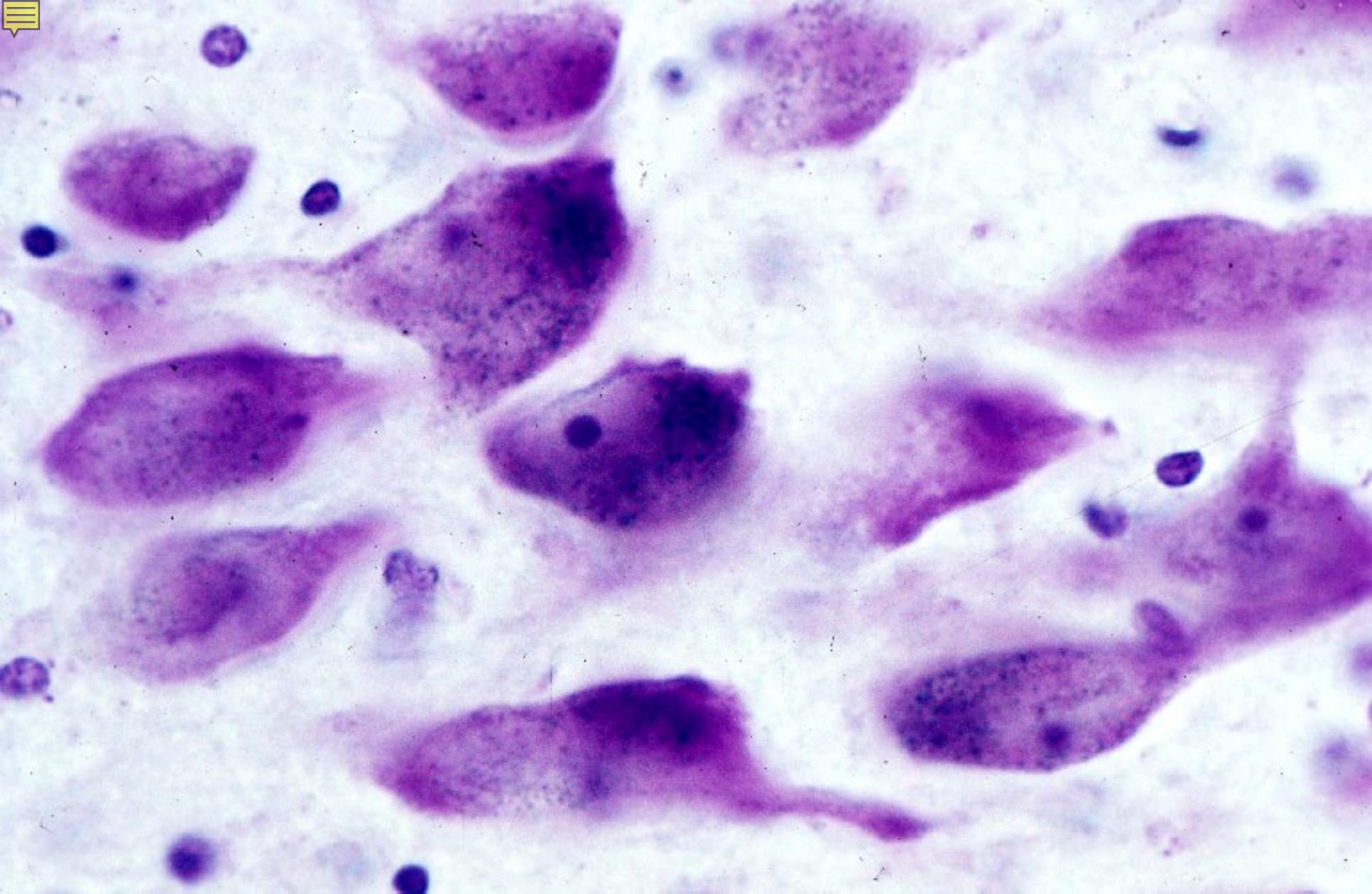
x 200.



05-14. Cerebellar cortex. Cat, Golgi's silver impregnation, x 64.



05-15. Scheme showing the structure of cerebellar cortex.

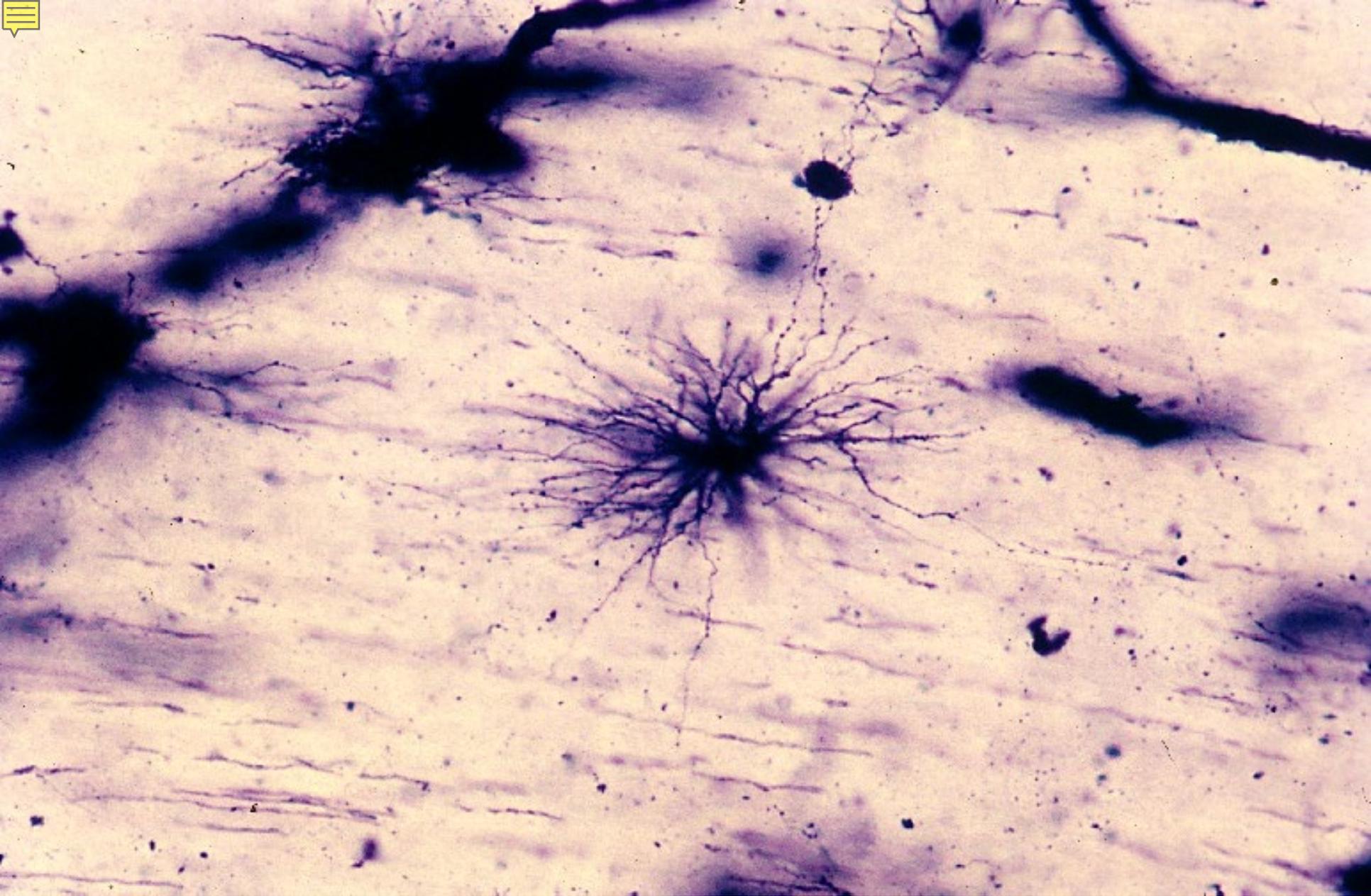


05-16. Nerve cells of Nucl. caeruleus, containing melanin pigment. Human, Nissl stain, x 160.

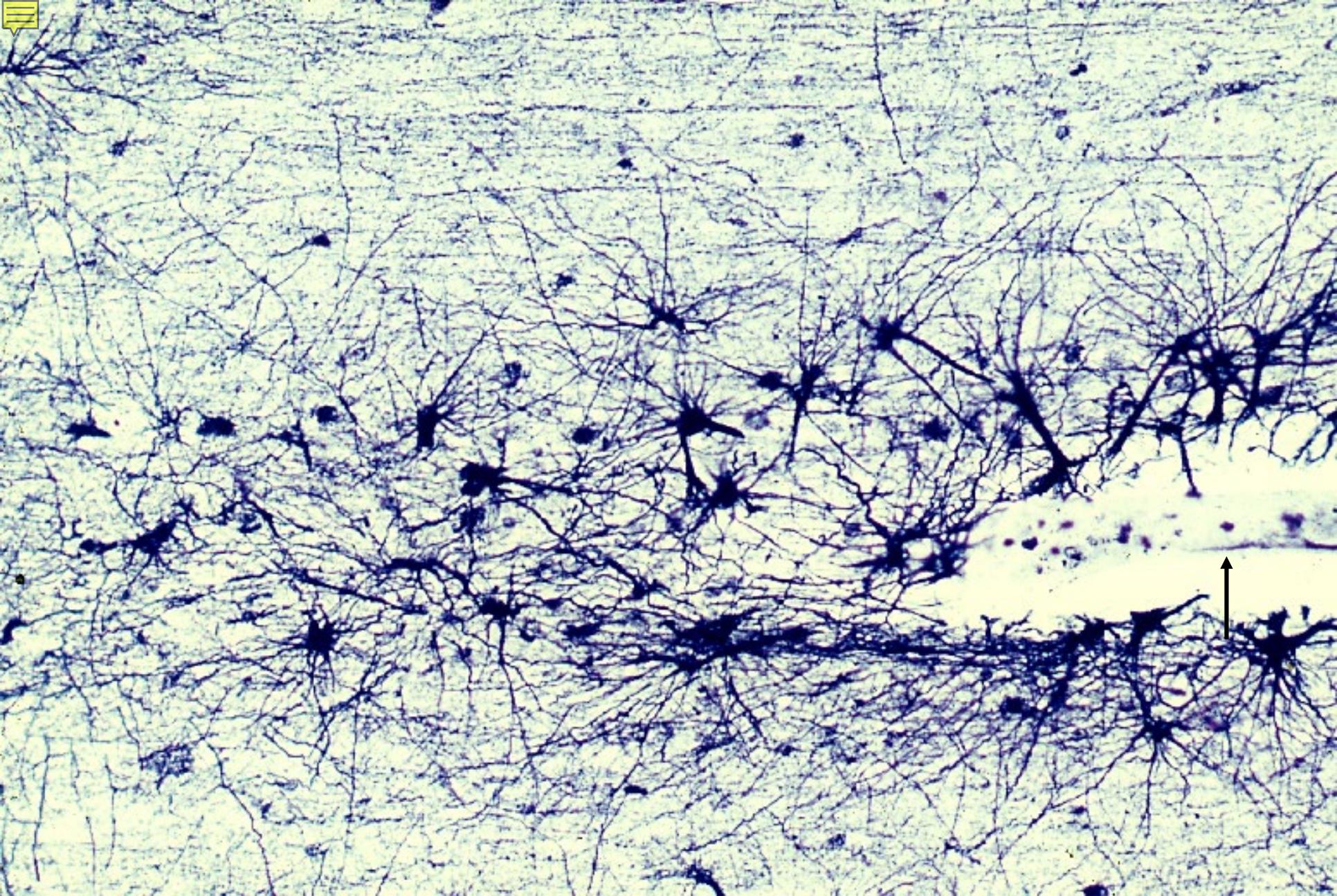


05-0012

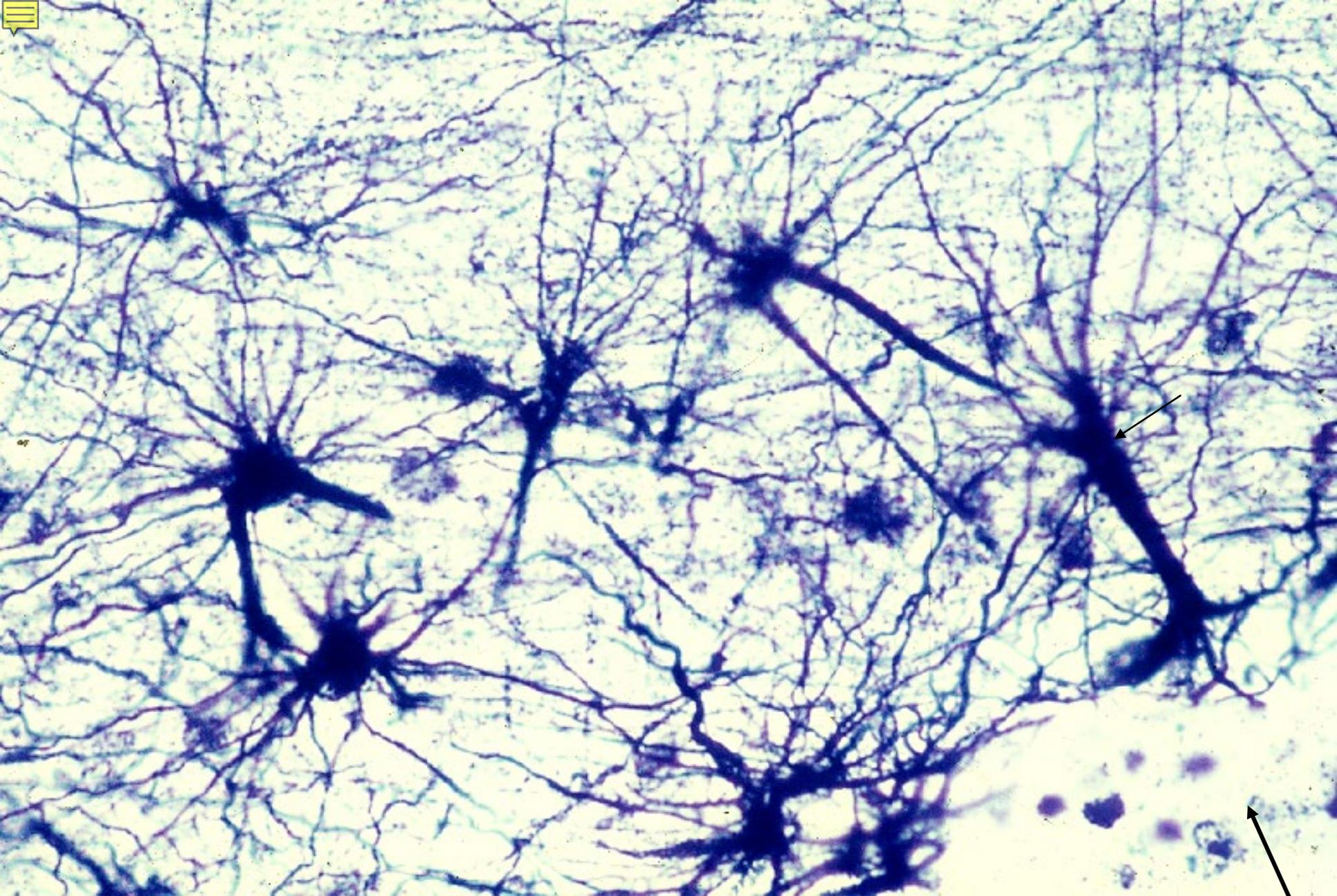
Glia Cells



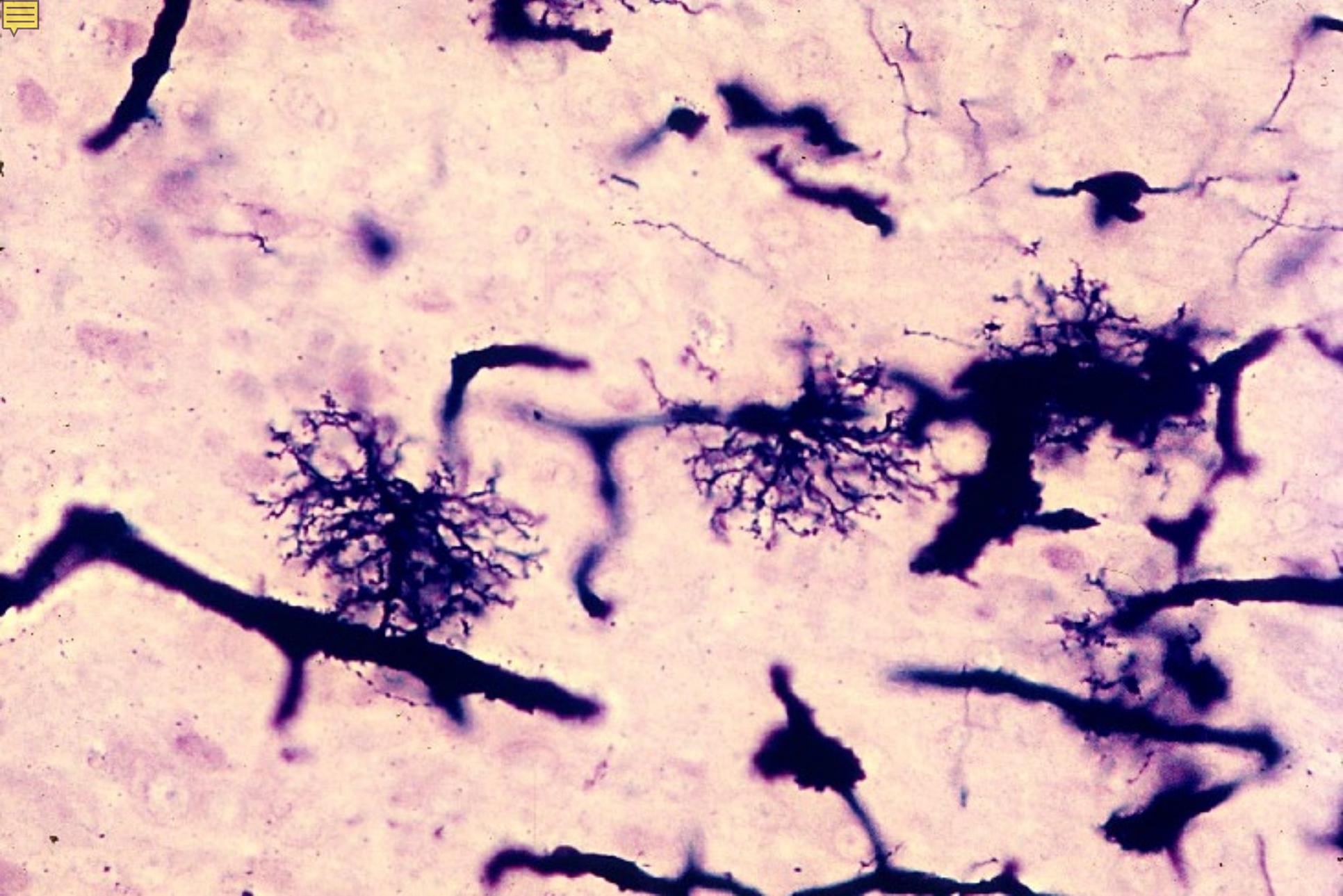
05-17. Fibrous astrocytes 1. Dog, Golgi's silver impregnation, x 80.



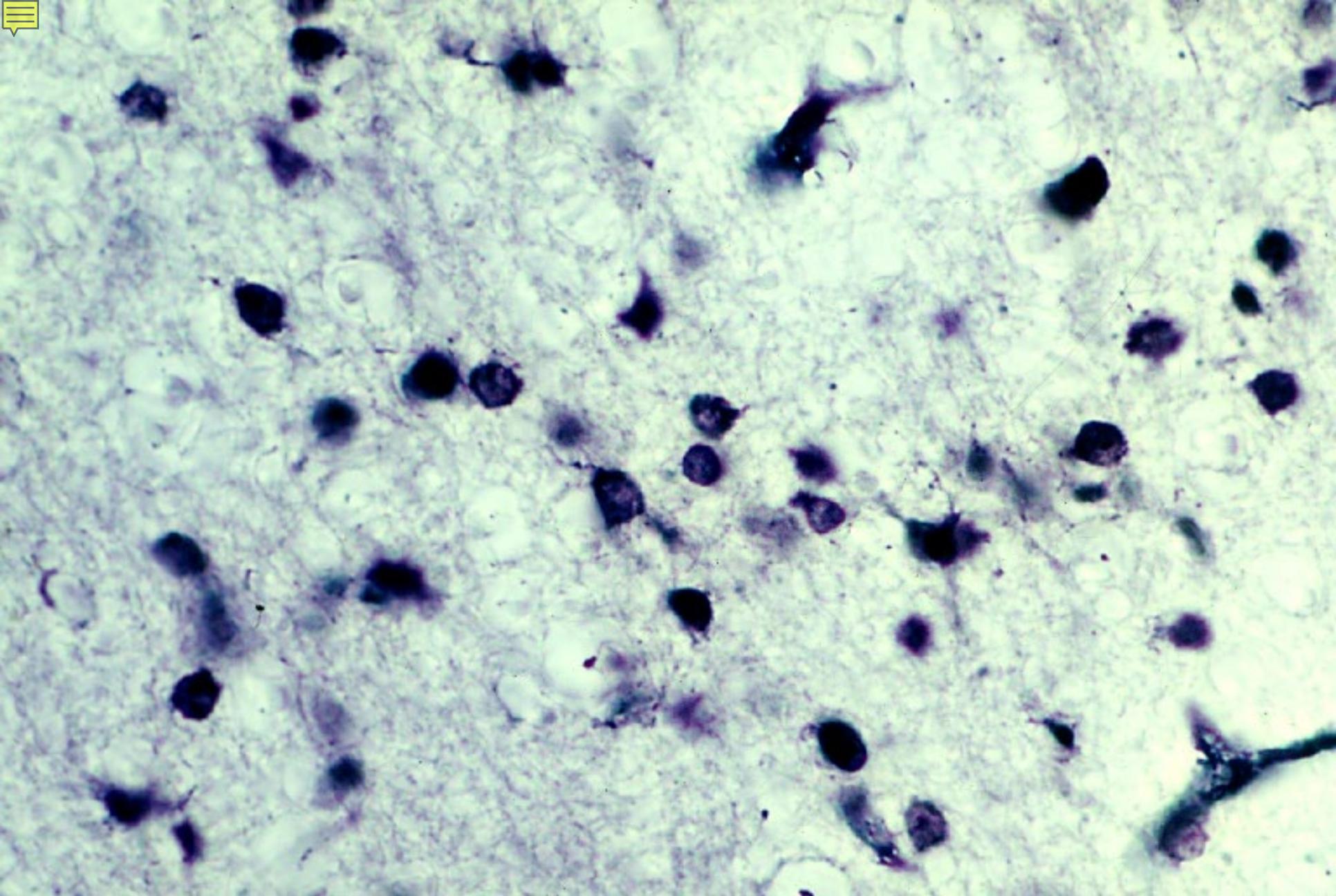
05-18. Fibrous astrocytes 2. Dog, Tsujiyama's silver impregnation, x 64.



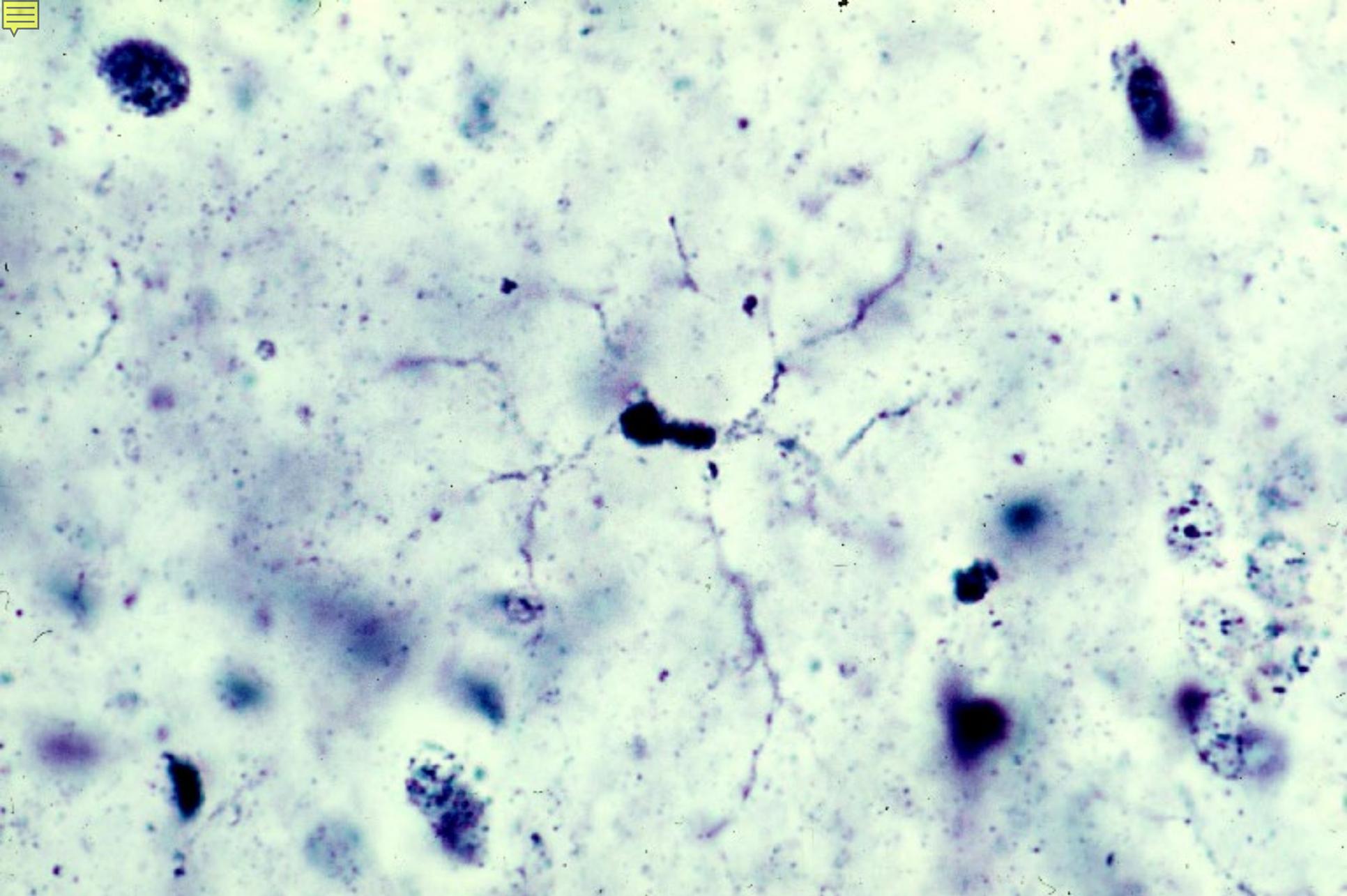
05-19. Fibrous astrocytes 3. Dog, Tsujiyama's silver impregnation, x 160.



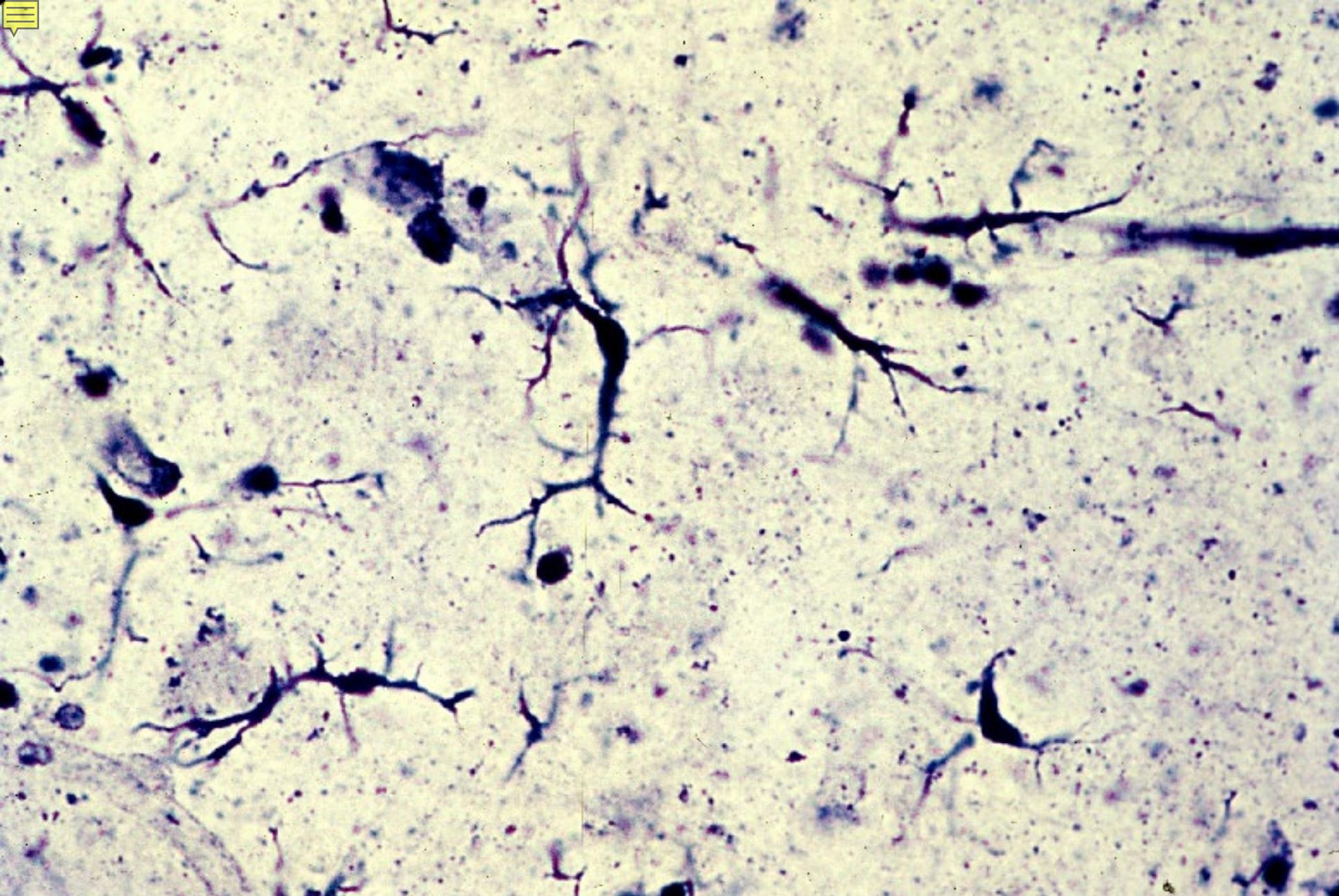
05-20. Protoplasmic astrocytes. Dog, Golgi's silver impregnation, x 80.



05-21. Oligodendrocytes. Cat, Suzuki's silver impregnation, x 160.



05-22. Microglia cells 1. Human cerebral cortex, Yano's silver impregnation, x 250.



05-23. Microglia cells 2. Human cerebral cortex, Yano's silver impregnation, x 160.

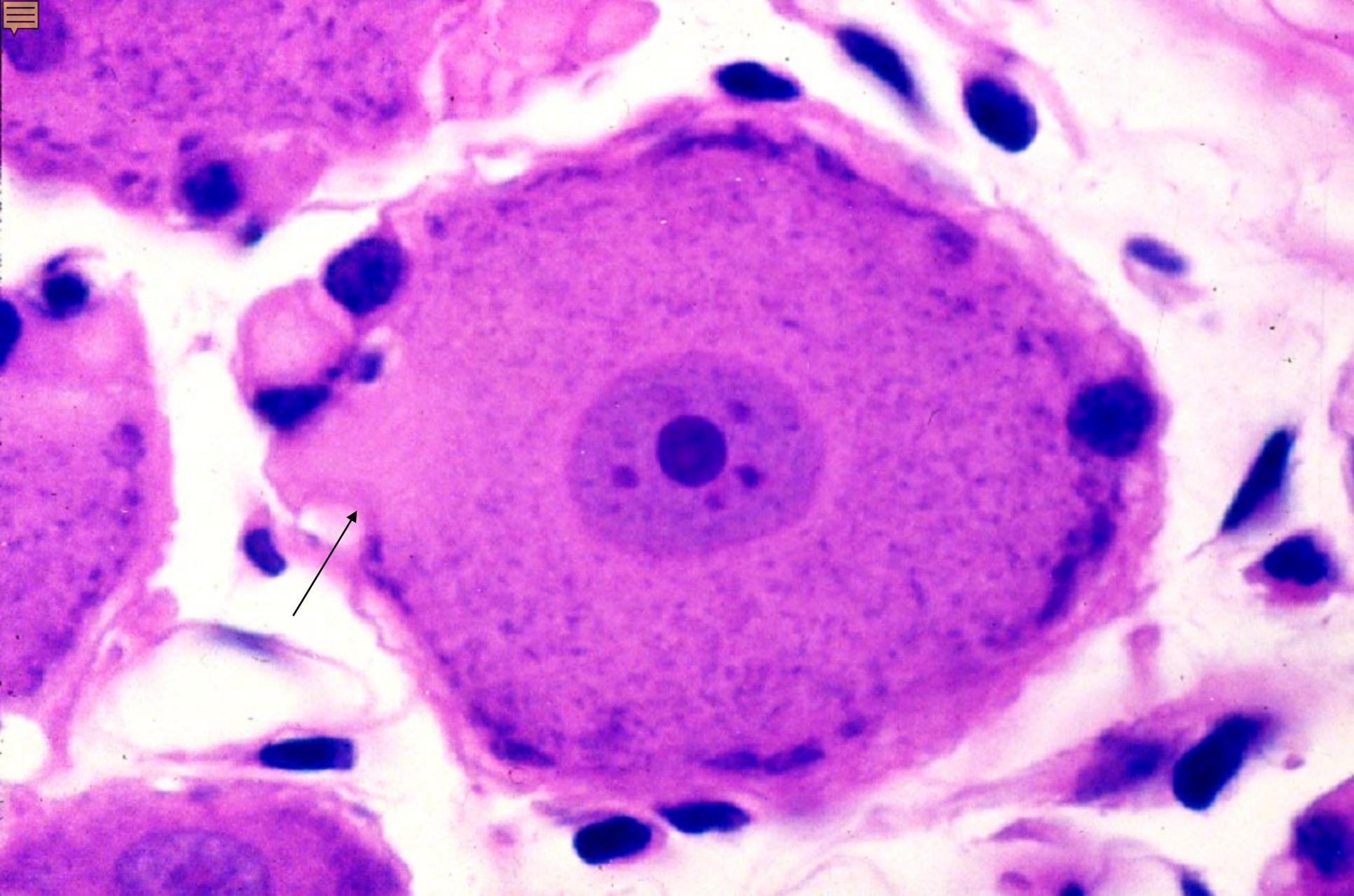


05-002

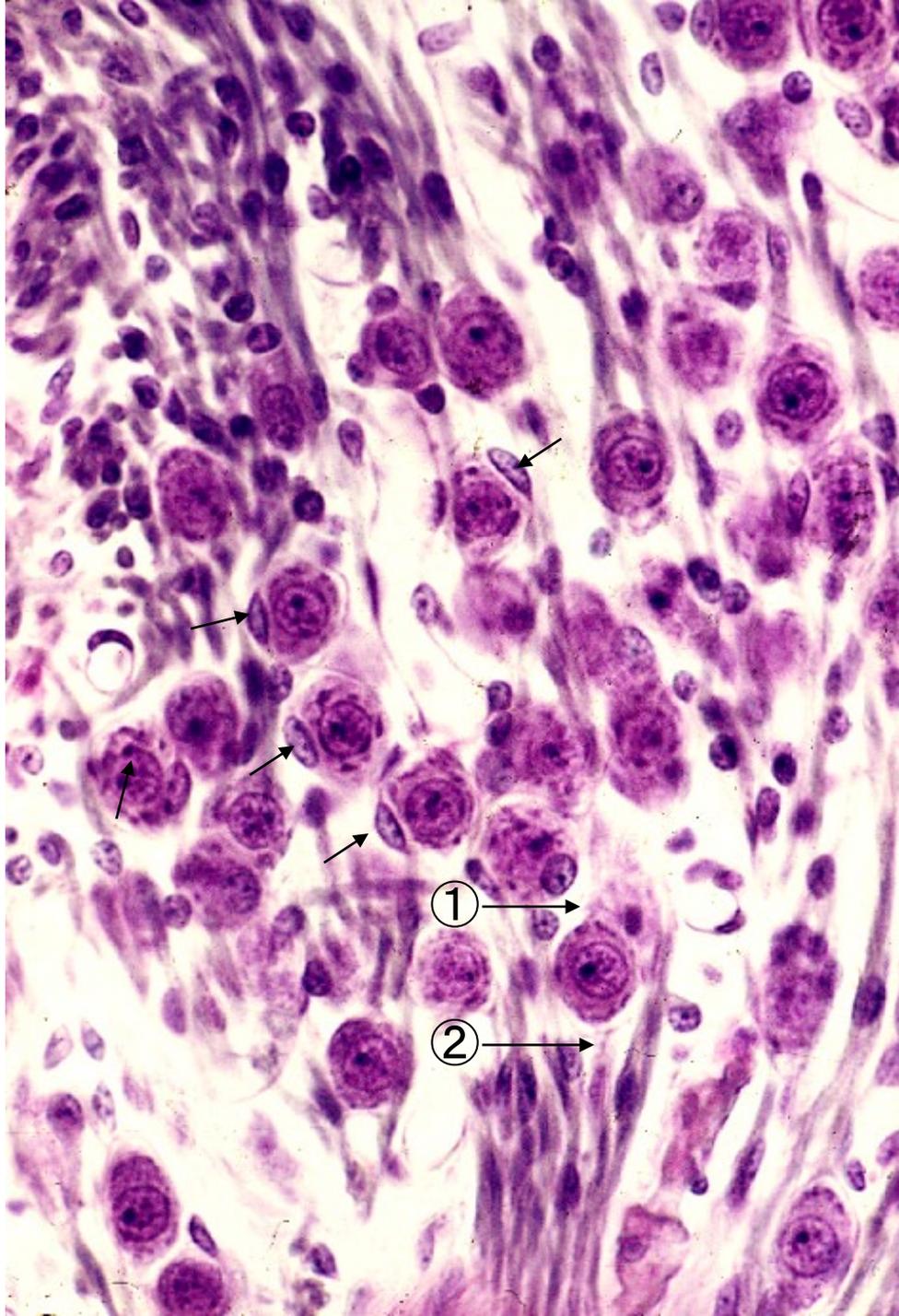
Peripheral Nervous System

05-0021

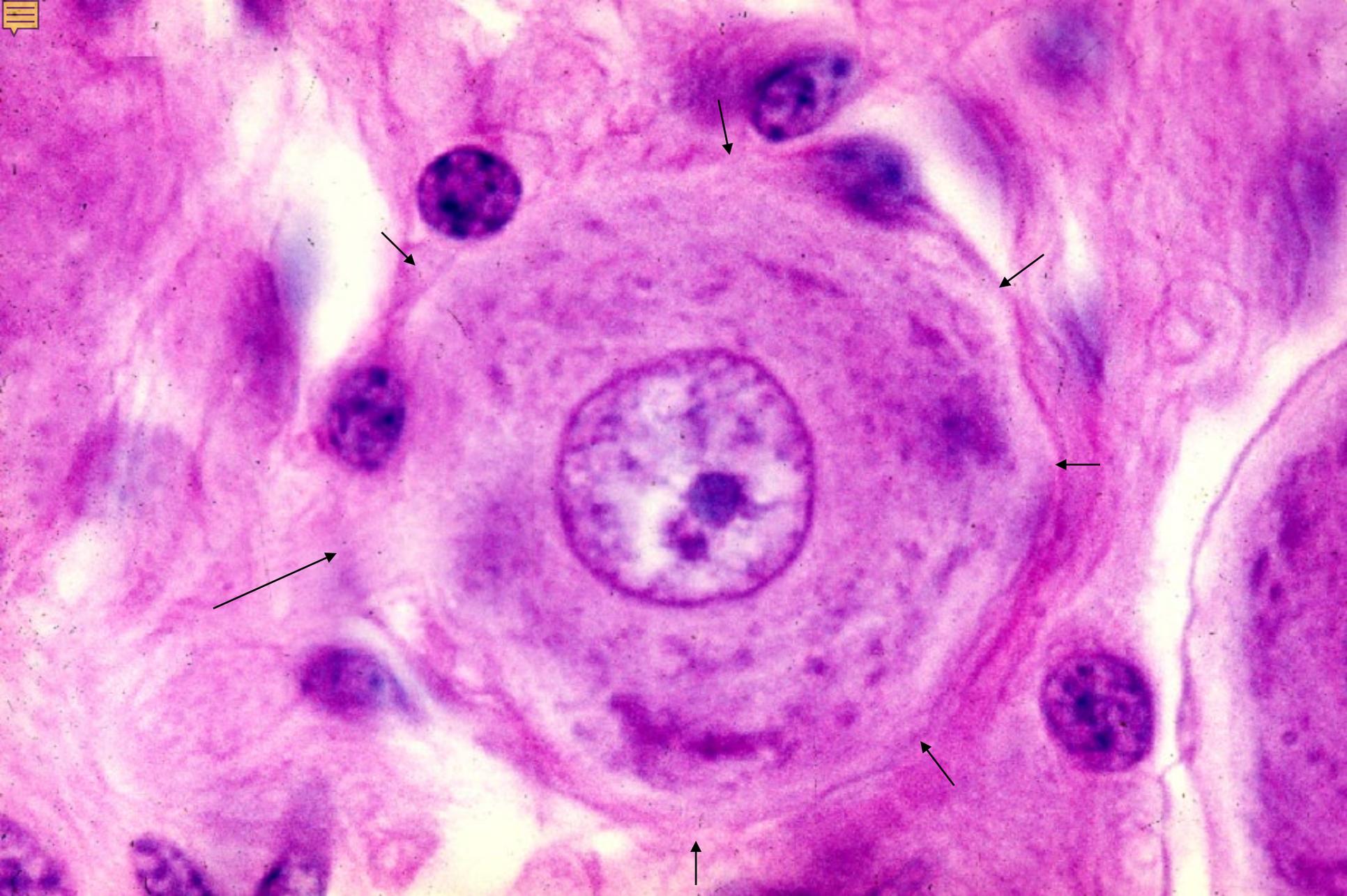
Nerve Cell



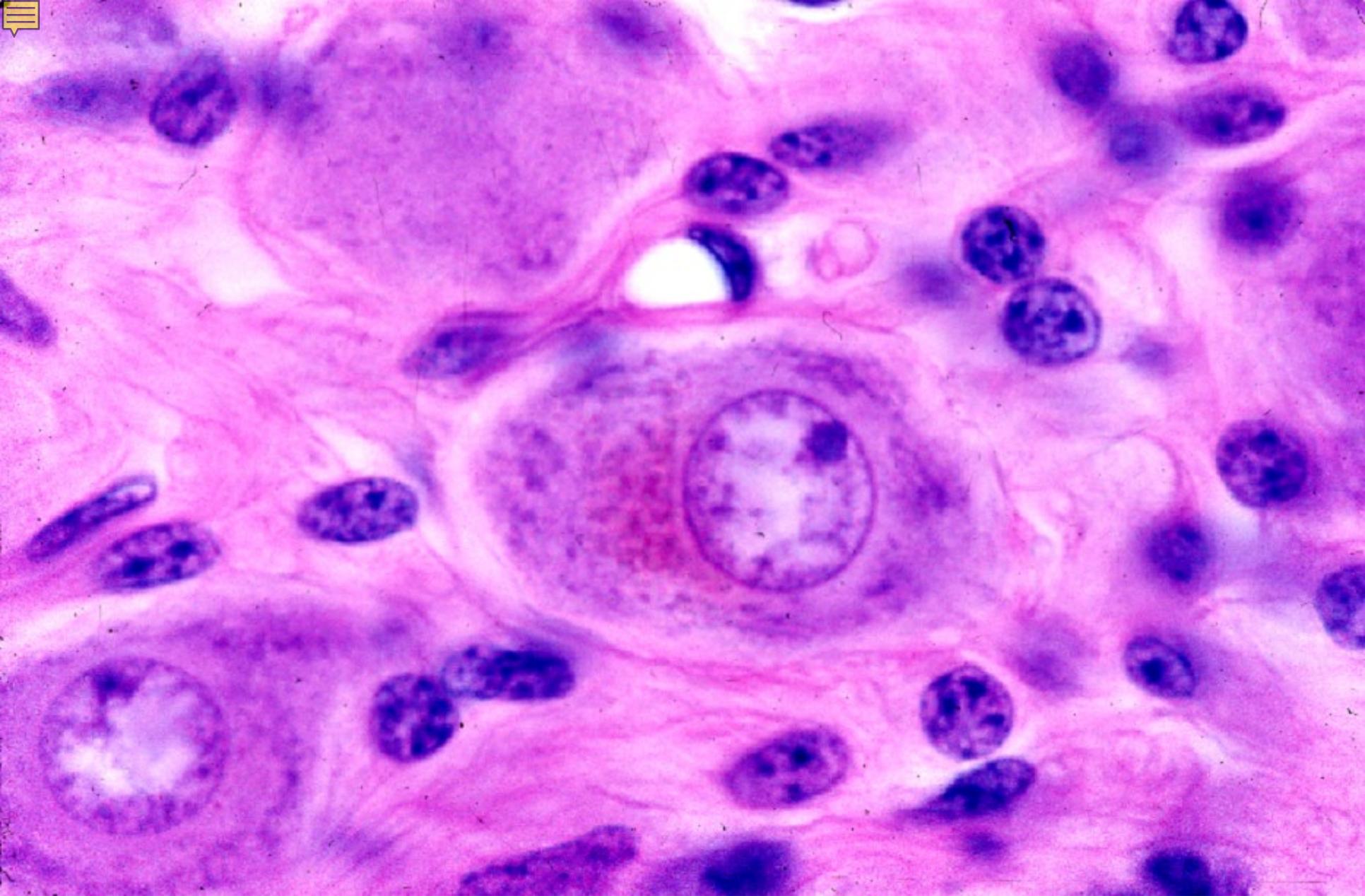
05-24. Nerve cell of spinal ganglion. Monkey, trigeminal ganglion, H-E stain, x 250.



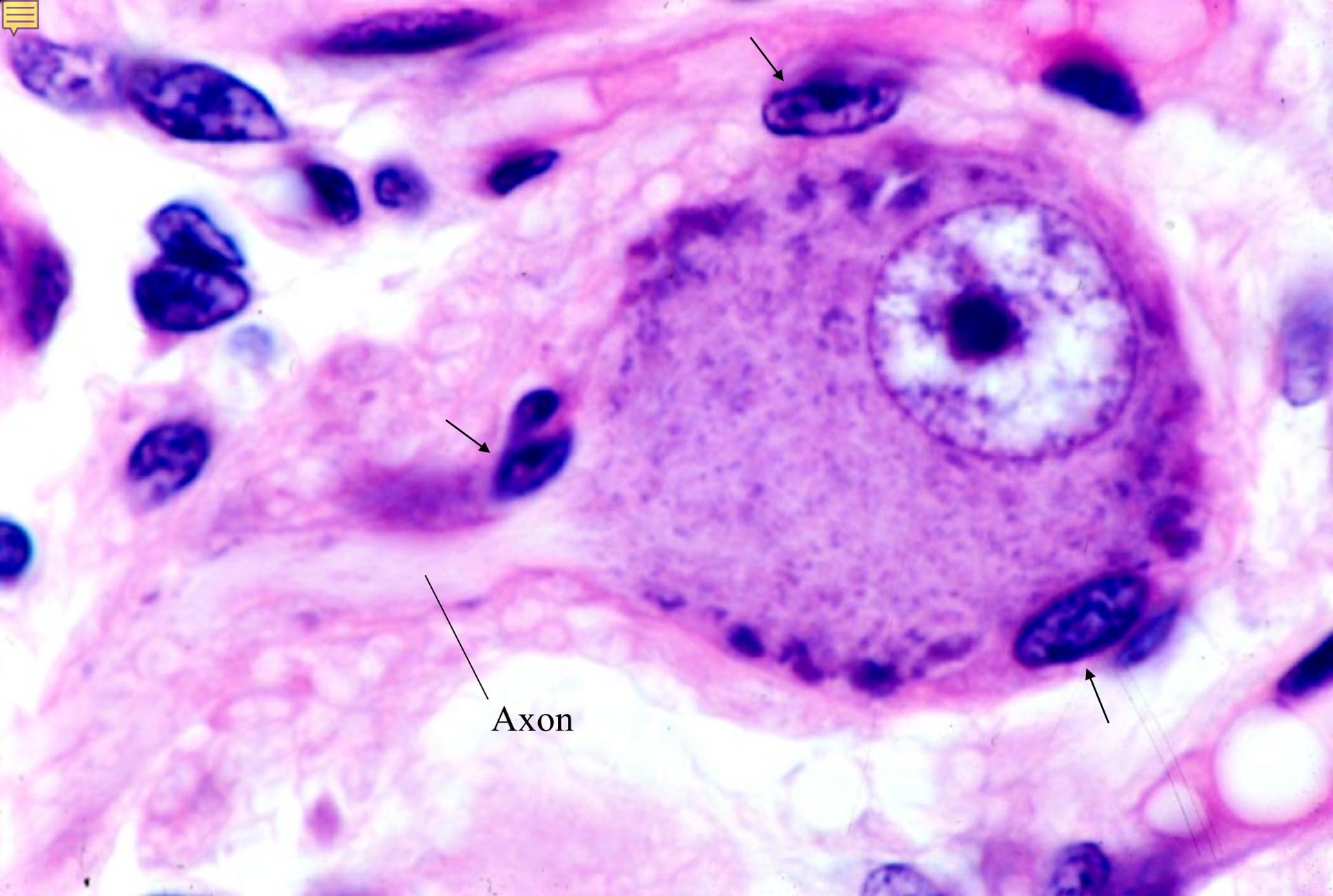
05-25.
Nerve cells of
cochlear ganglion.
Bipolar cells.
Monkey, Held's
hematoxylin stain,
x 160.



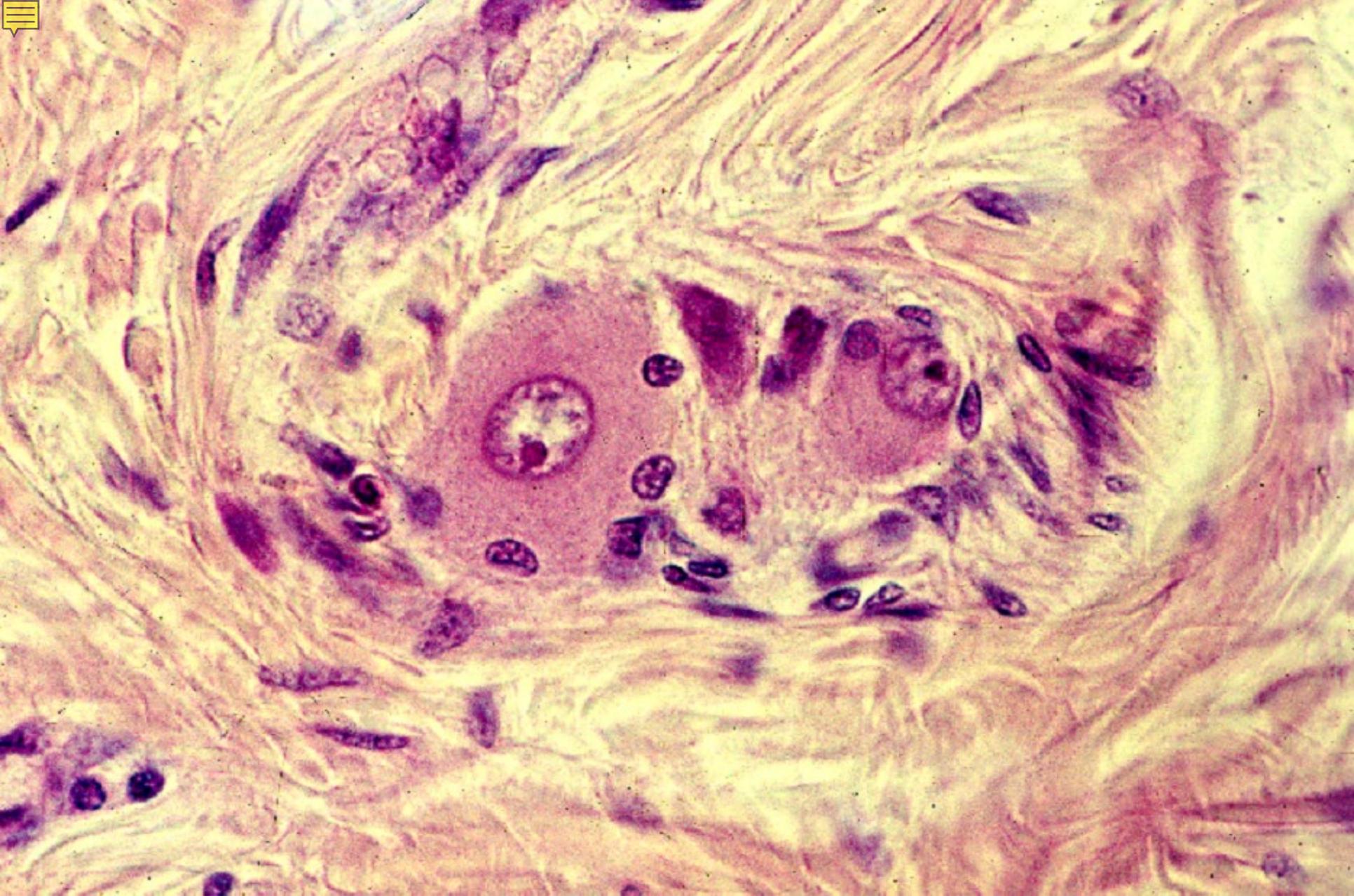
05-26. Nerve cell of sympathetic ganglion 1. Monkey, H-E stain, x 500.



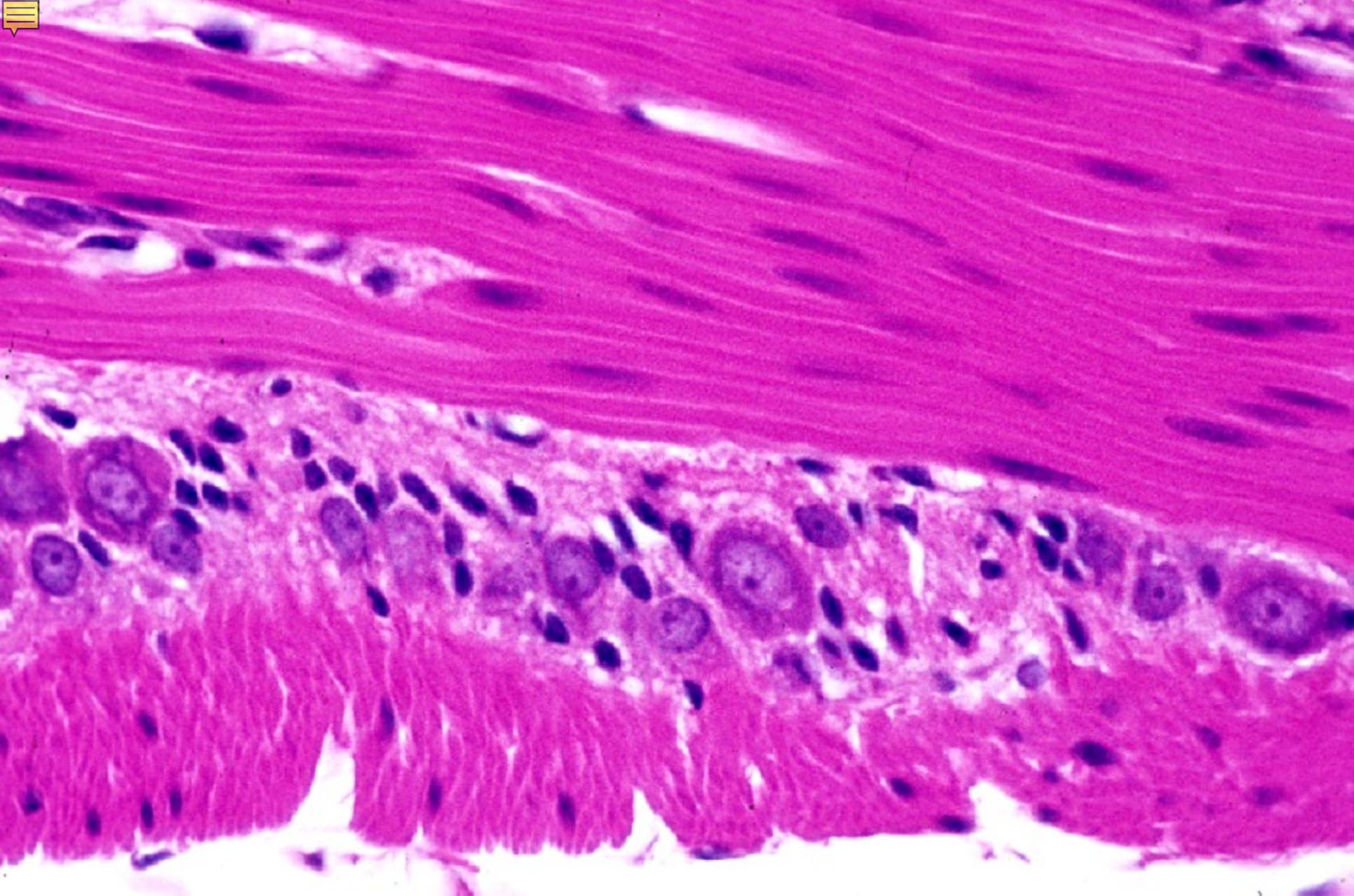
05-27. Nerve cell of sympathetic ganglion 2, containing chromo-affine substance. Monkey, H-E stain, x 400.



05-28.Nerve cell of cardiac ganglion. Human, H-E stain, x 400.



05-29. Nerve cells of Meissner's plexus. Human, H-E stain, x 160.

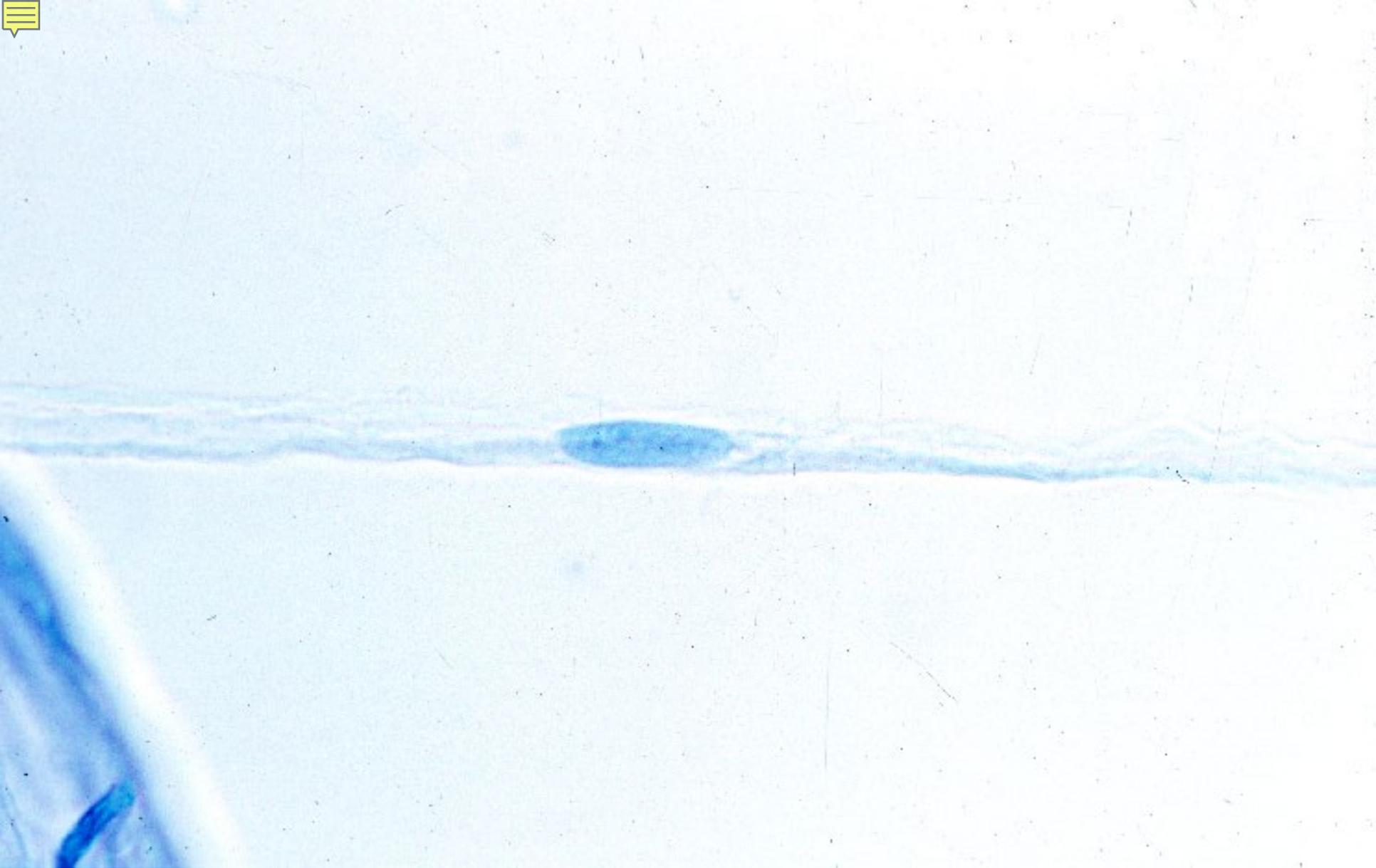


05-30. Nerve cells of Auerbach's plexus. Monkey, H-E stain, x 160.

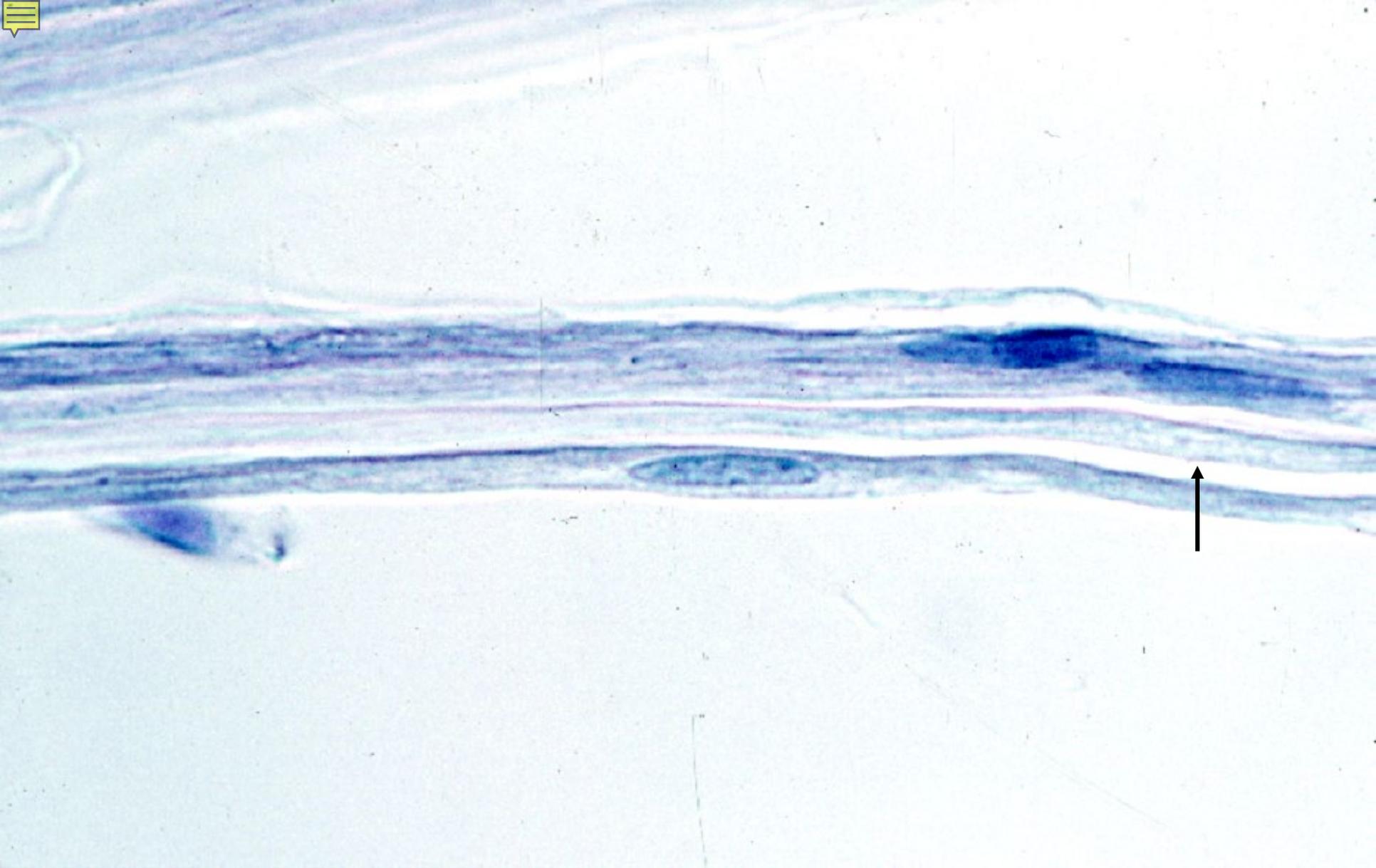


05-0022

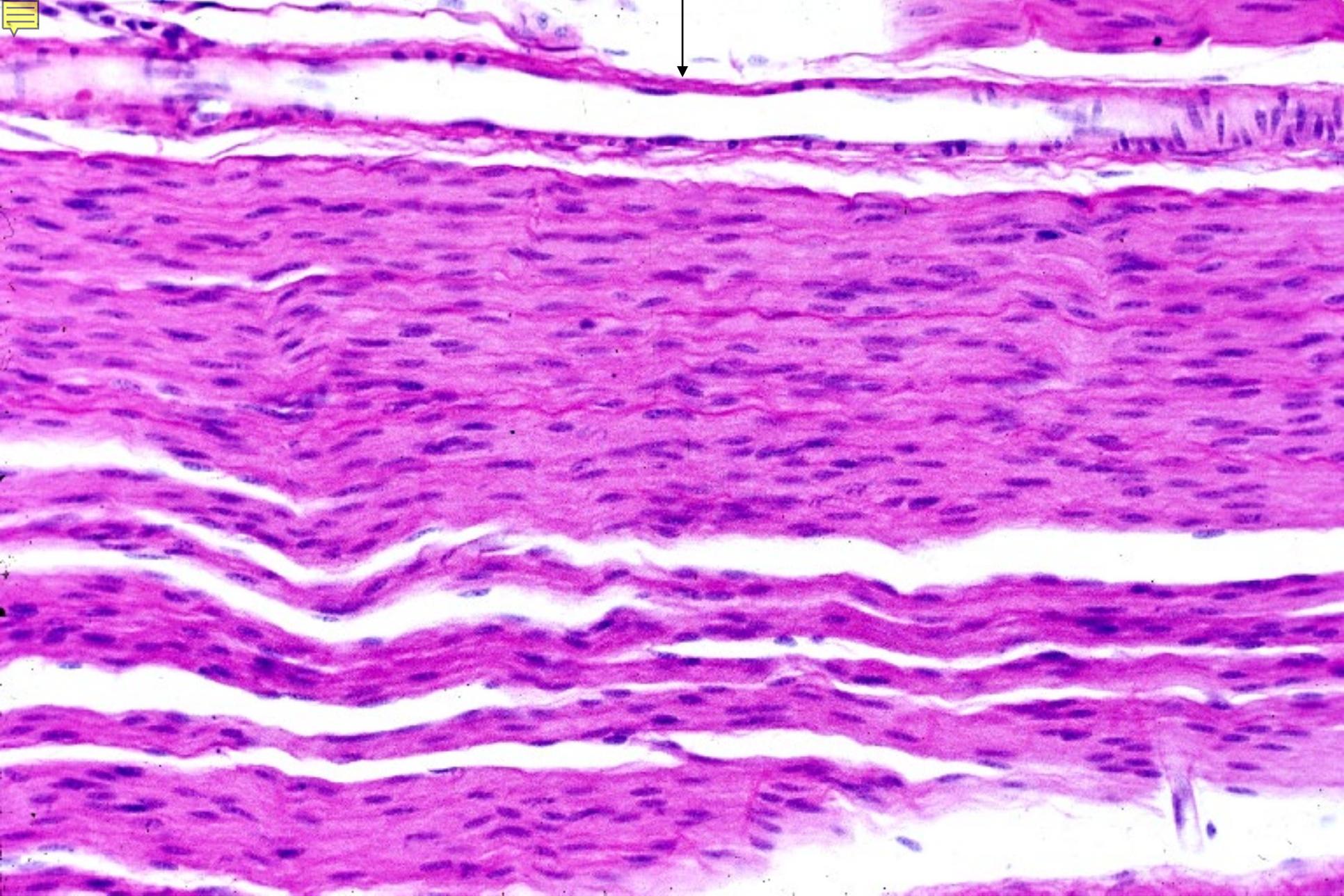
Nerve Fibers



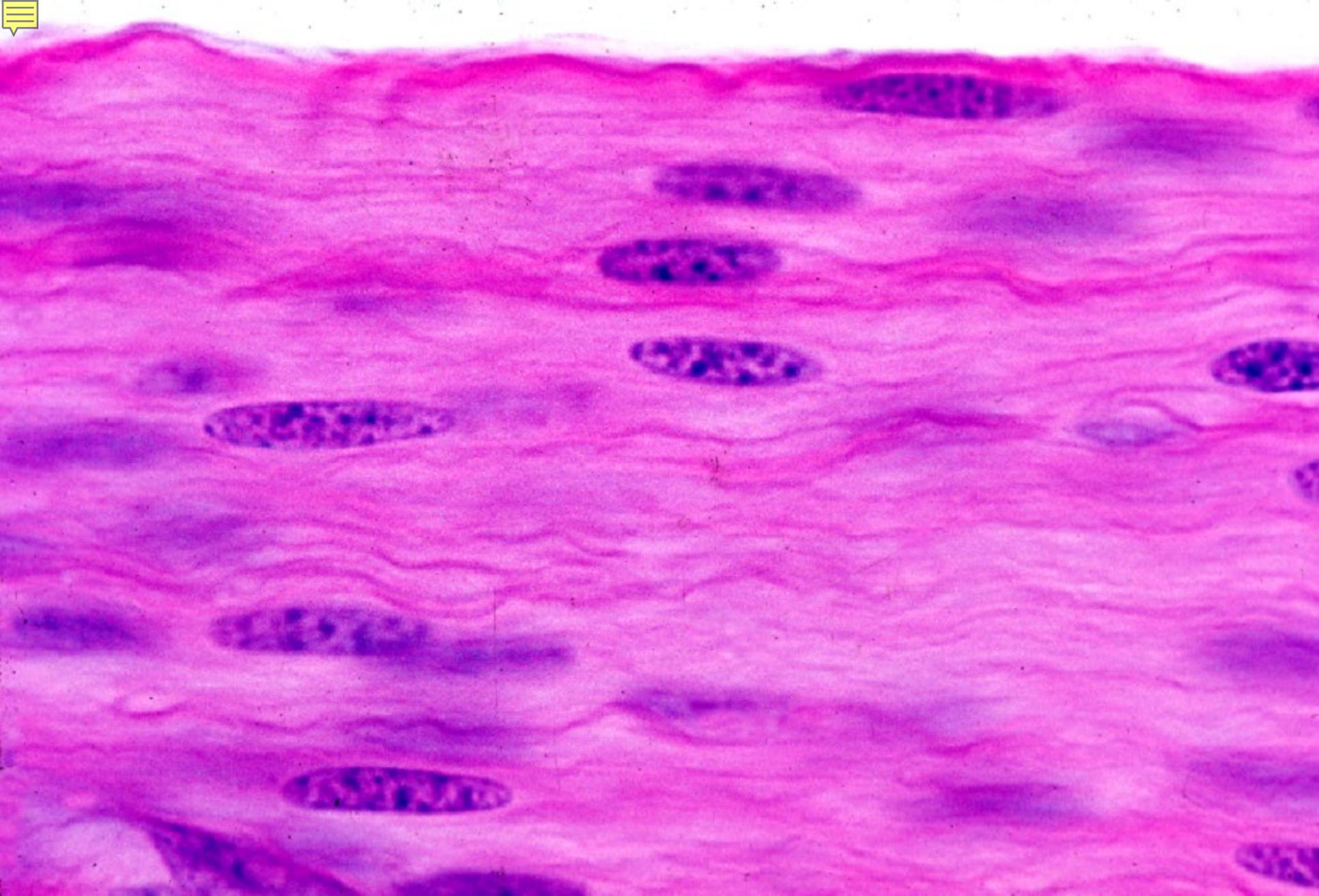
05-31. Unmyelinated nerve fiber 1. Frog, hematoxylin stain, x 160.



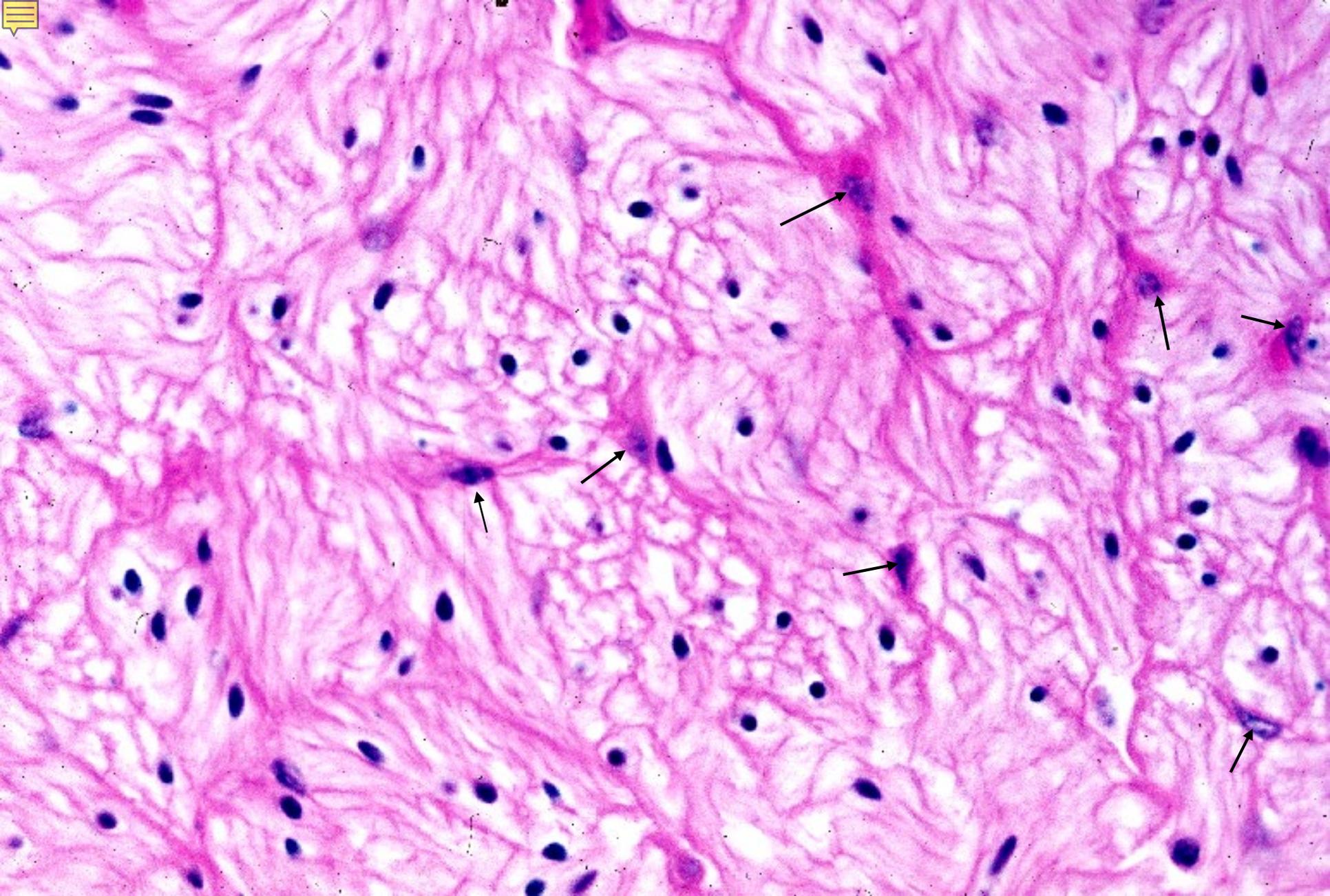
05-32. Unmyelinated nerve fibers 2. Frog, hematoxylin stain, x 160.



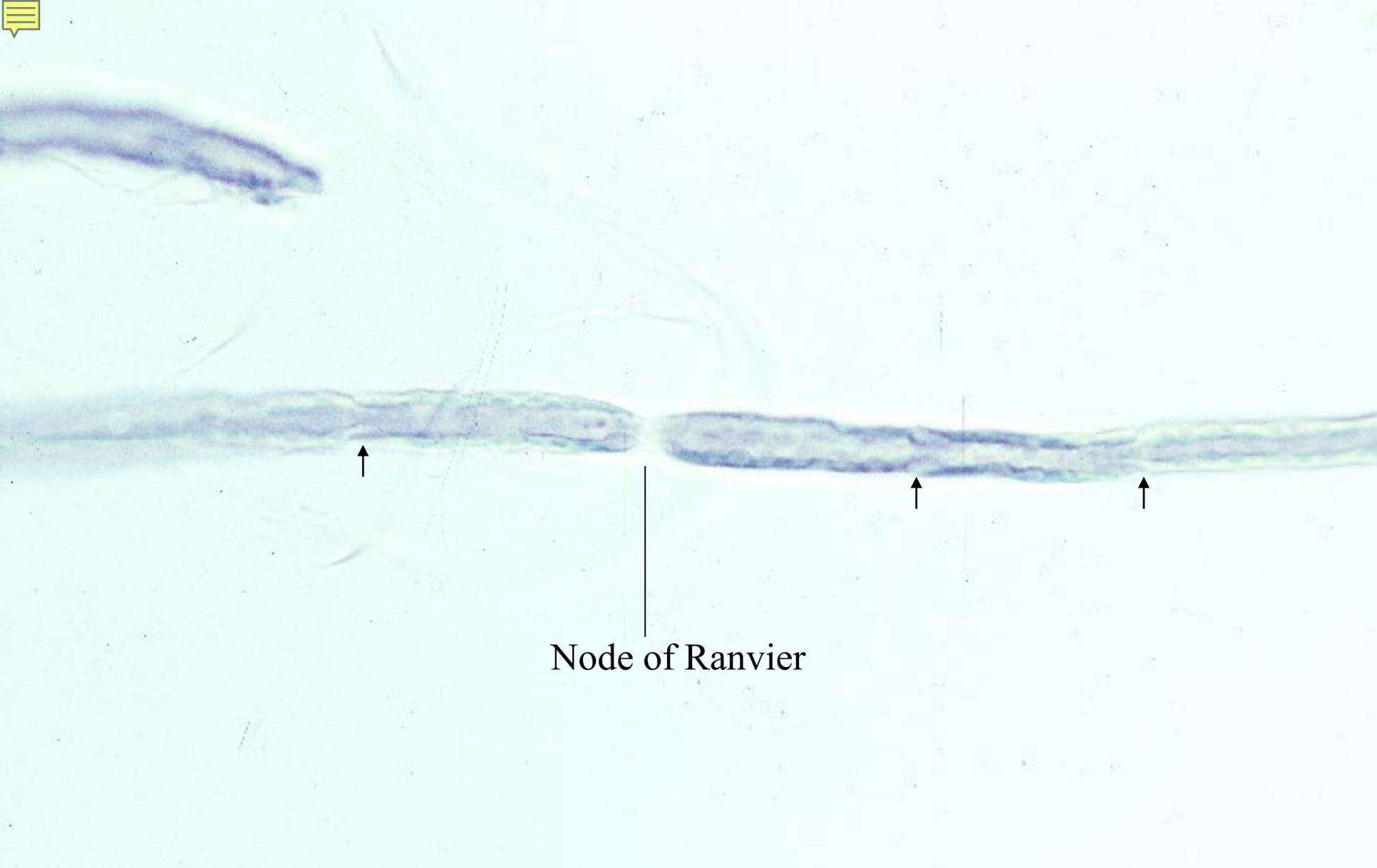
05-33. Unmyelinated nerve fibers 3, longitudinal section. Monkey, H-E stain, x 64



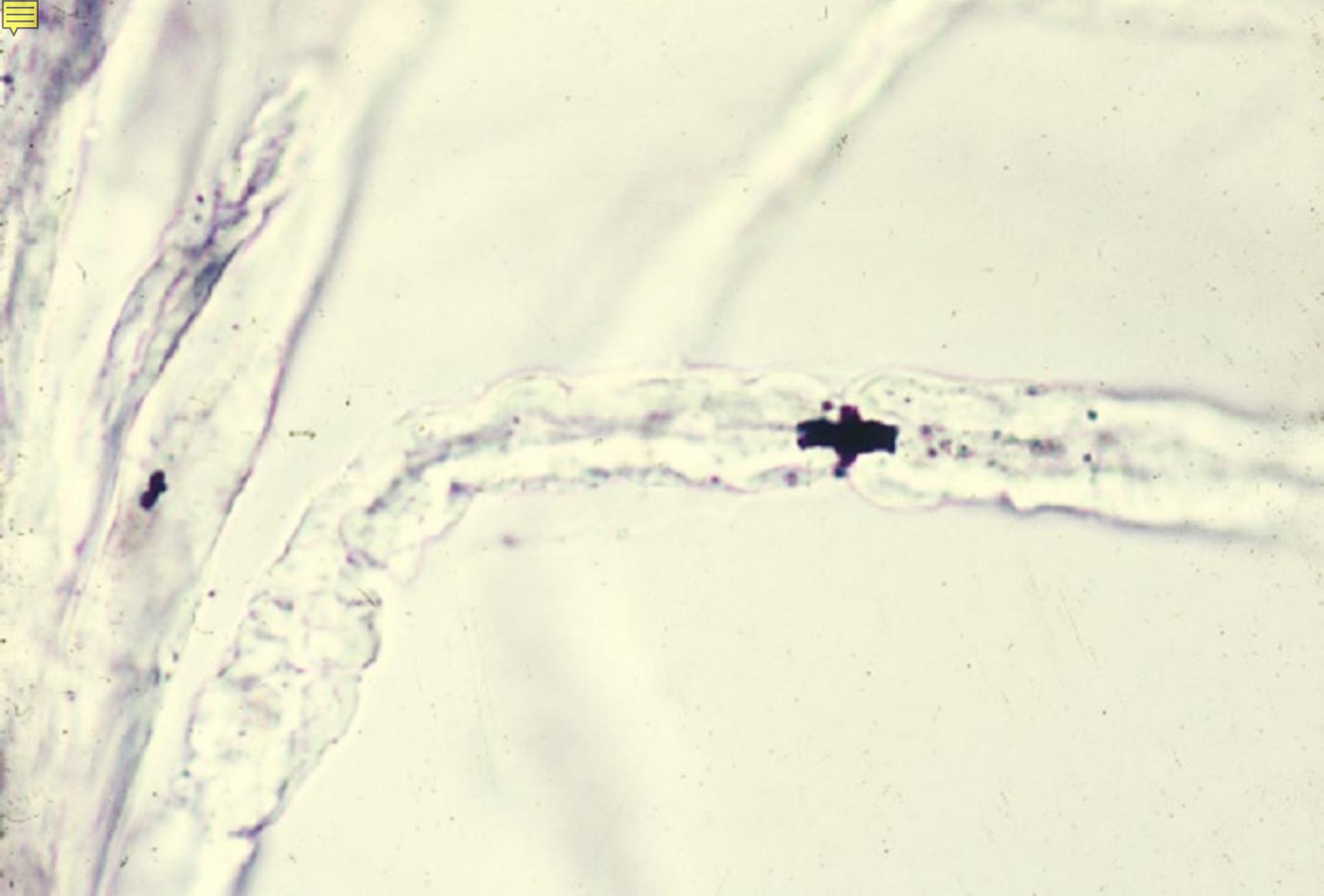
05-34. Unmyelinated nerve fibers 4, longitudinal section. Monkey, H-E stain, x 160.



05-35. Unmyelinated nerve fibers 5, transverse section. Bovine, H-E stain, x 160.



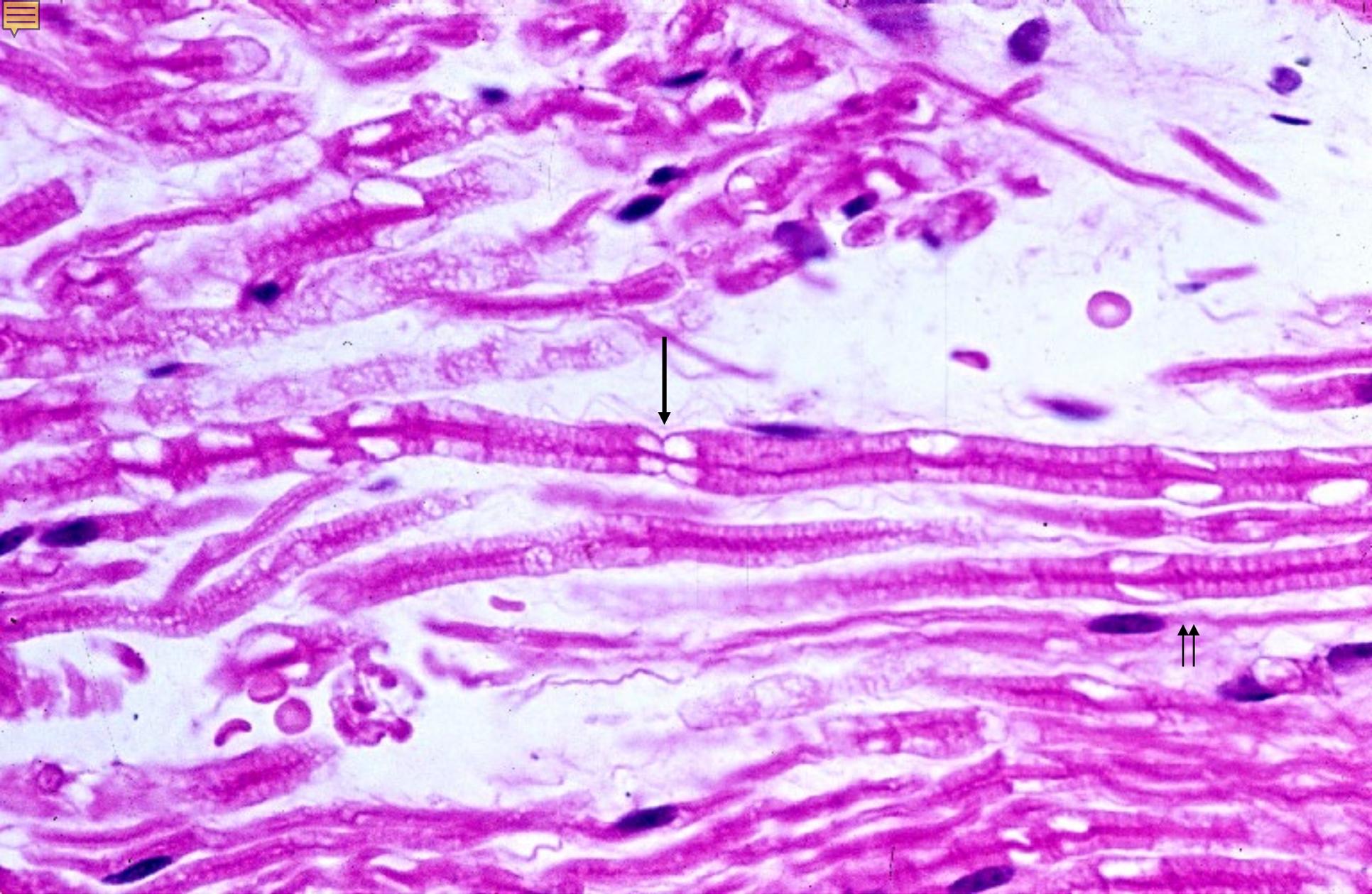
05-36. Myelinated nerve fiber 1. Node of Ranvier. Frog, hematoxylin stain, x 160.



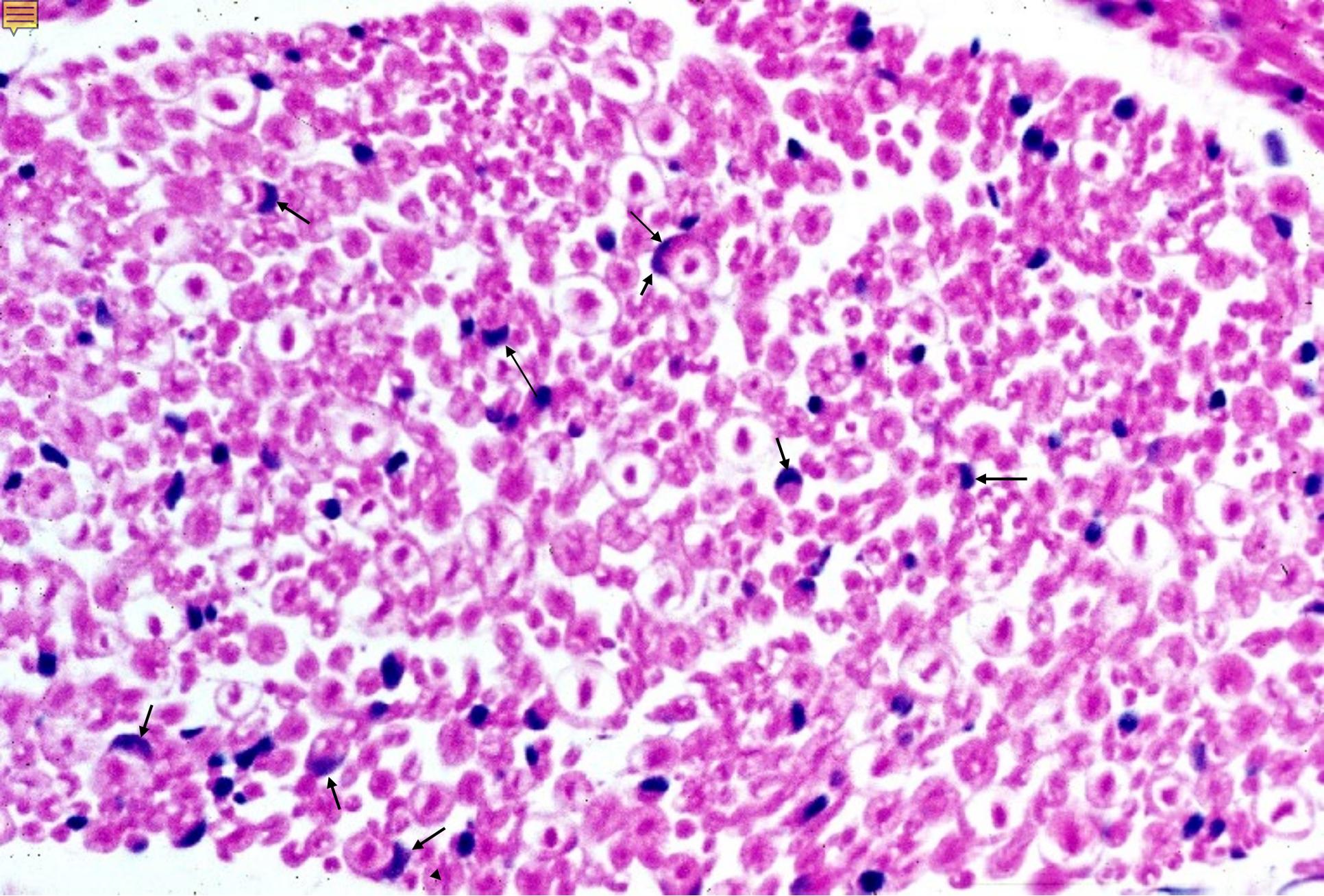
05-37. Myelinated nerve fibers 2, silver cross of Ranvier. Frog, silver impregnation, x 160.



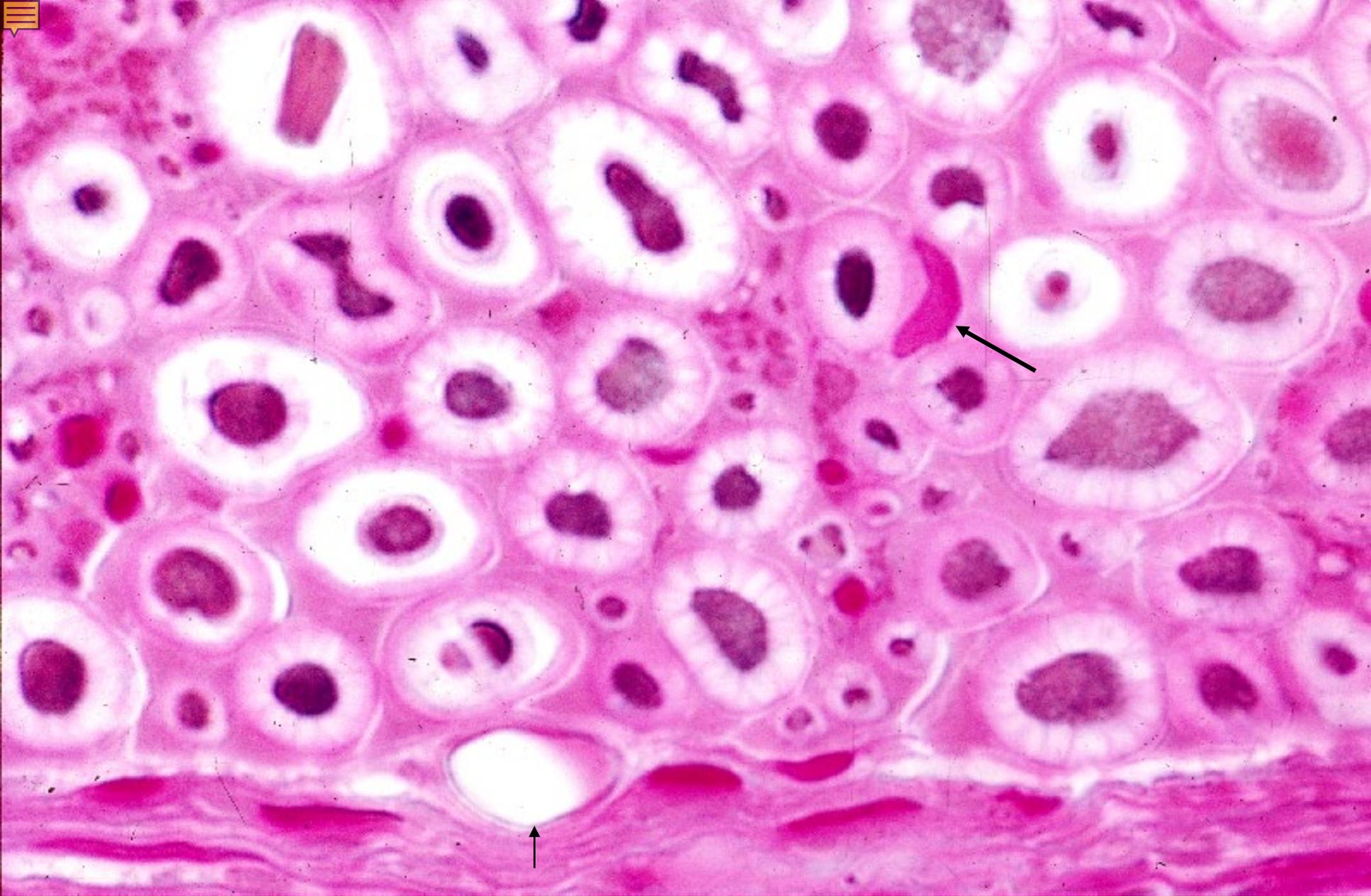
05-38. Myelinated nerve fiber 3, silver cross of Ranvier. Frog, silver impregnation, x 160.



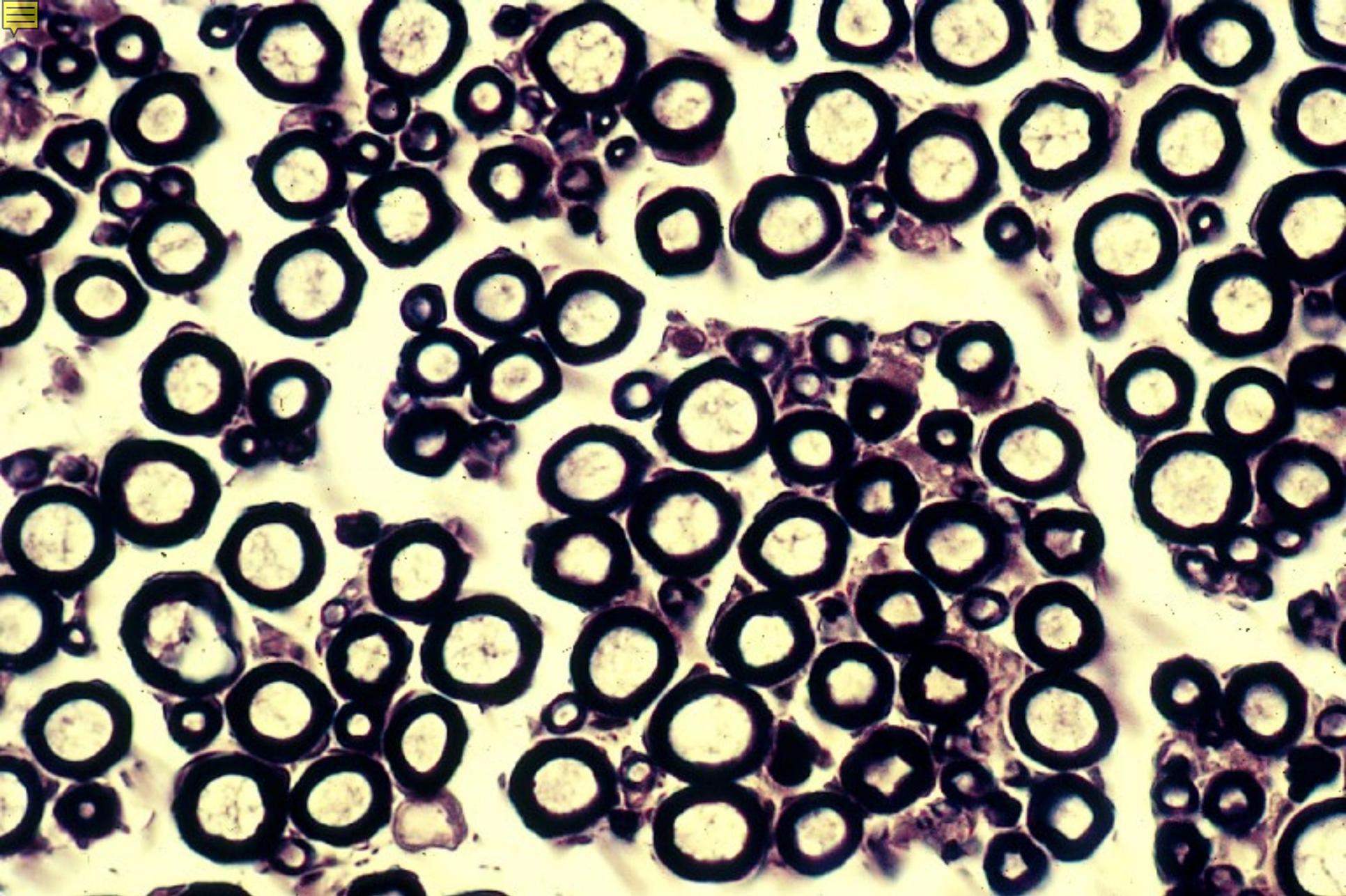
05-39. Myelinated nerve fibers 4. Node of Ranvier. Monkey, H-E stain, x 160.



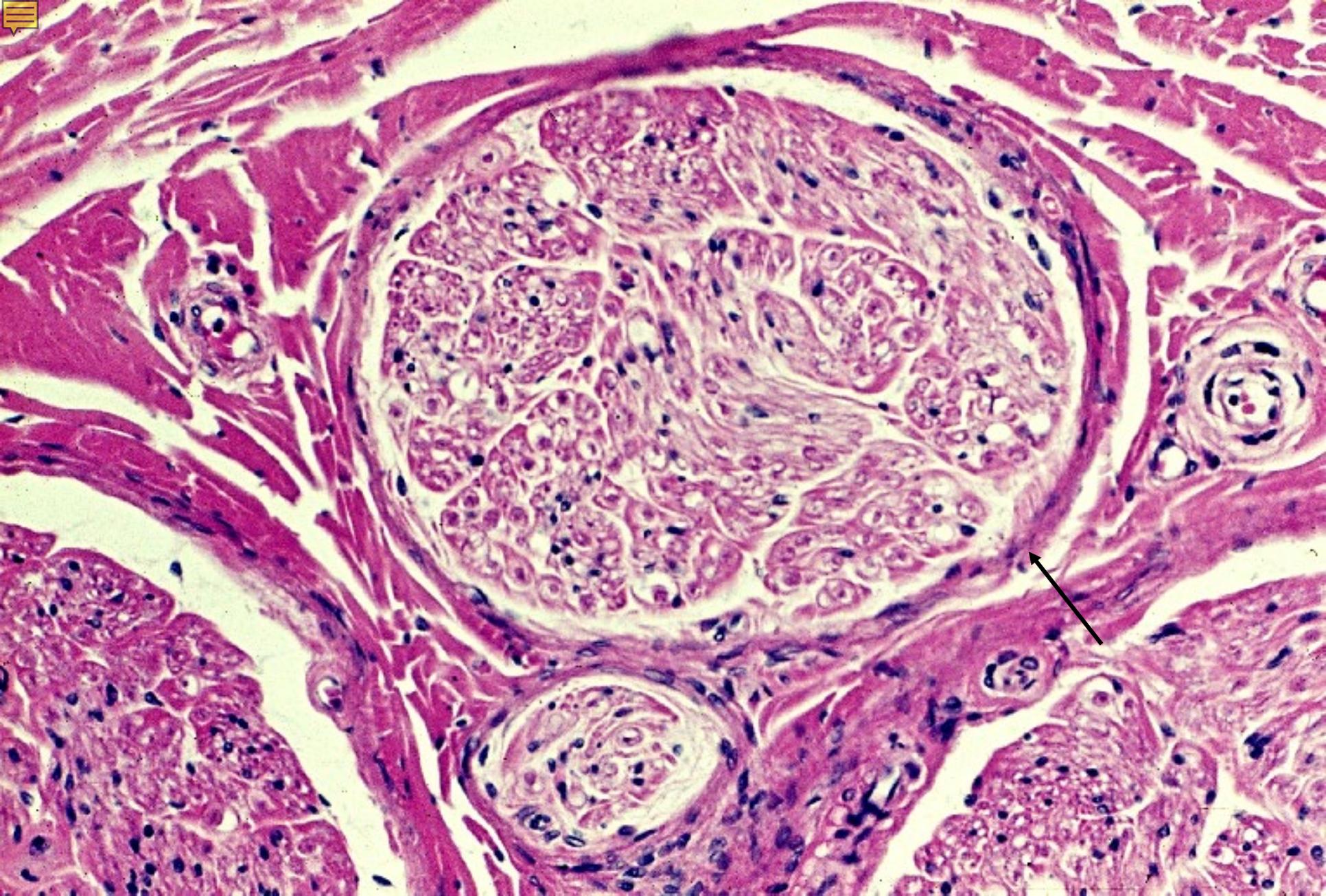
05-40. Myelinated nerve fibers 5. Transverse section 1. Monkey, H-E stain, x 160.



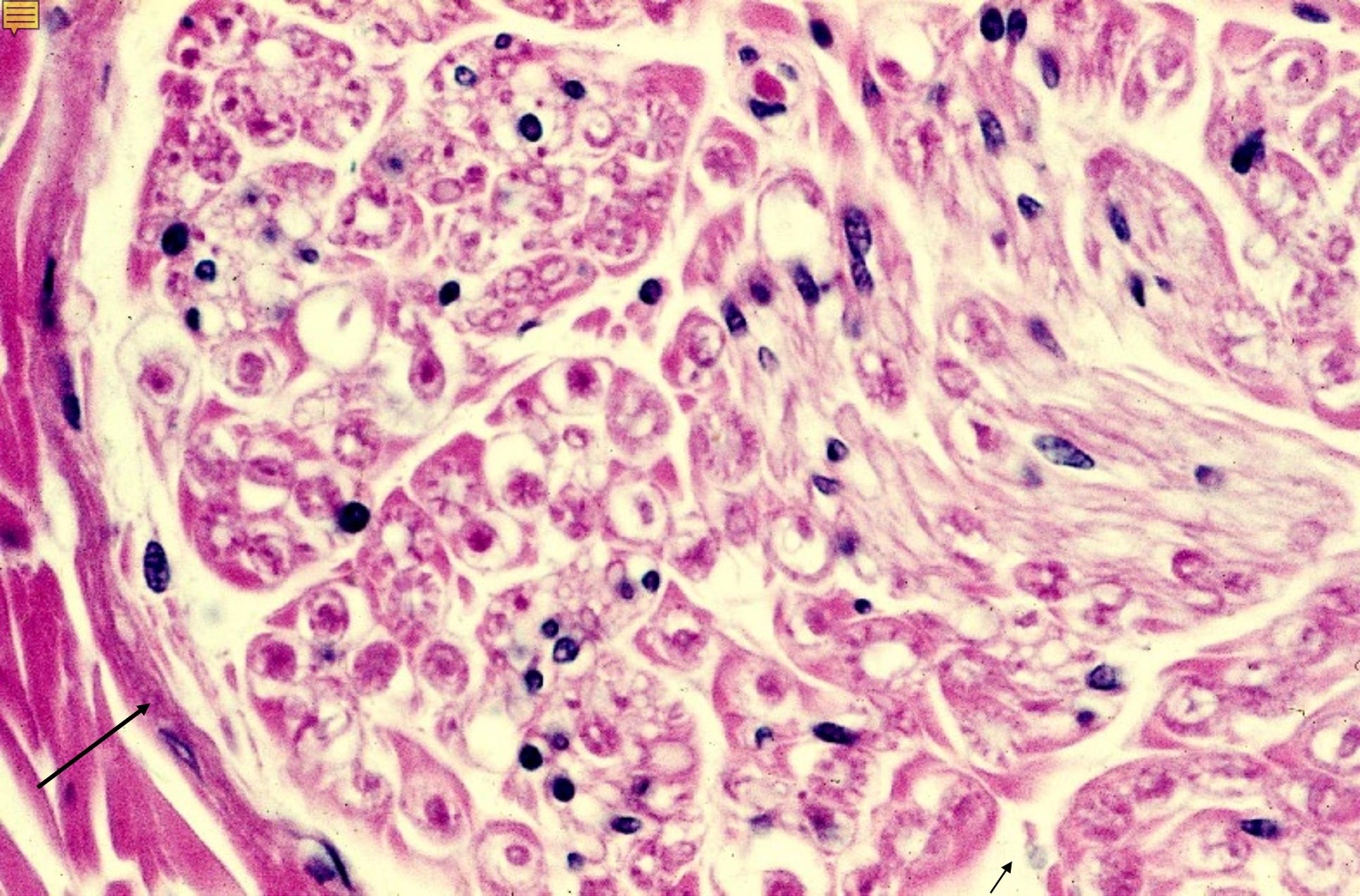
05-41. Myelinated nerve fibers 6. Transverse section 2. Monkey, Suzuki's silver impregnation & Kernechtrot stain, x 400.



05-42. Myelinated nerve fibers 7. Transverse section 3. Frog, osmic acid, x 160.



05-43. Myelinated nerve 1. Human ischiadicus nerve, H-E stain, x 64.



05-44. Myelinated nerve 2. Human ischiadicus nerve, H-E stain, x 160.



05-45. N. ischiadicus, transverse section, general view. Human, H-E stain, x 3.5.