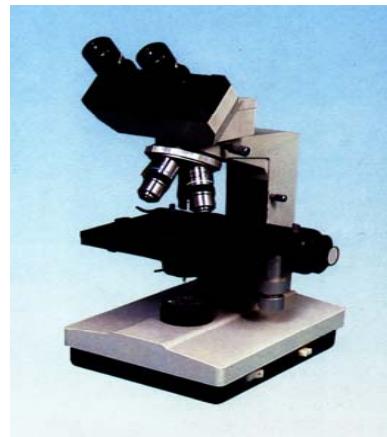
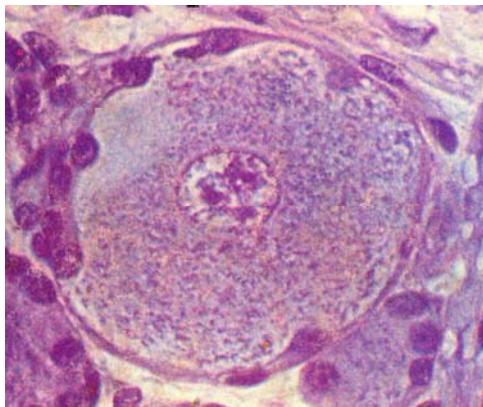
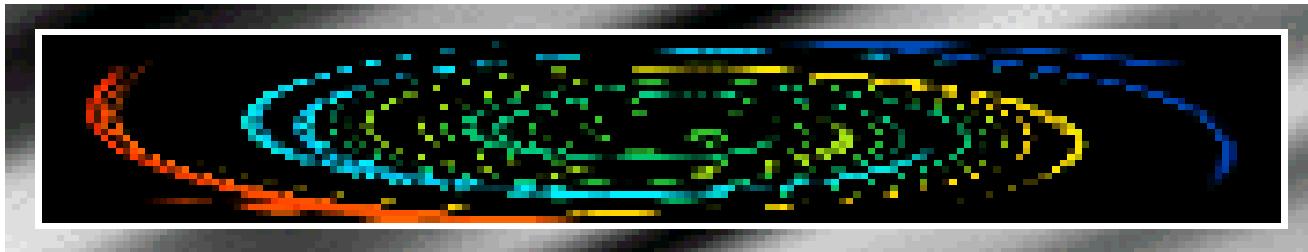


# Histology and Embryology



- |  |                                       |
|--|---------------------------------------|
| <b>Chapter 1</b> Introduction and Cell | <b>Chapter 11</b> Digestive Tract     |
| <b>Chapter 2</b> Epithelial tissue     | <b>Chapter 12</b> Digestive Gland     |
| <b>Chapter 3</b> Connective Tissue     | <b>Chapter 13</b> Respiratory System  |
| <b>Chapter 4</b> Blood                 | <b>Chapter 14</b> Urinary System      |
| <b>Chapter 5</b> Cartilage and Bone    | <b>Chapter 15</b> Endocrine System    |
| <b>Chapter 6</b> Muscle Tissue         | <b>Chapter 16</b> Sense Organ         |
| <b>Chapter 7</b> Nerve Tissue          | <b>Chapter 17</b> Male Reproduction   |
| <b>Chapter 8</b> Circulatory System    | <b>Chapter 18</b> Female Reproduction |
| <b>Chapter 9</b> Immune System         | <b>Chapter 19</b> Embryology 1        |
| <b>Chapter 10</b> Skin                 | <b>Chapter 20</b>                     |

## Chapter 7 Nerve Tissue

### I Slides

### **II Sections**

NO.13 spinal cord

NO.20 sciatic nerve

NO.21 sciatic nerve

NO.22 tactile corpuscle

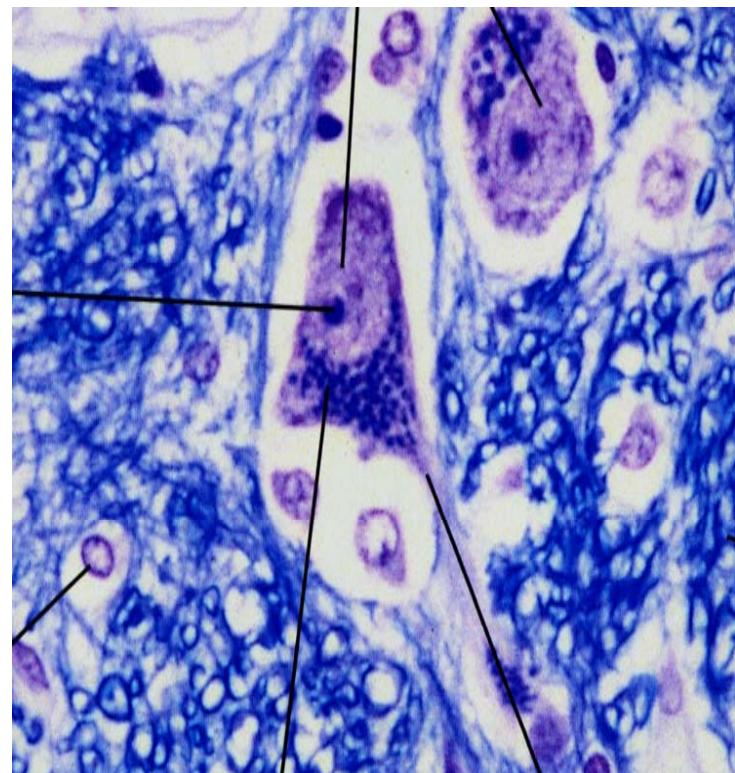
NO.45 lamellar corpuscle

NO.23 motor end plate

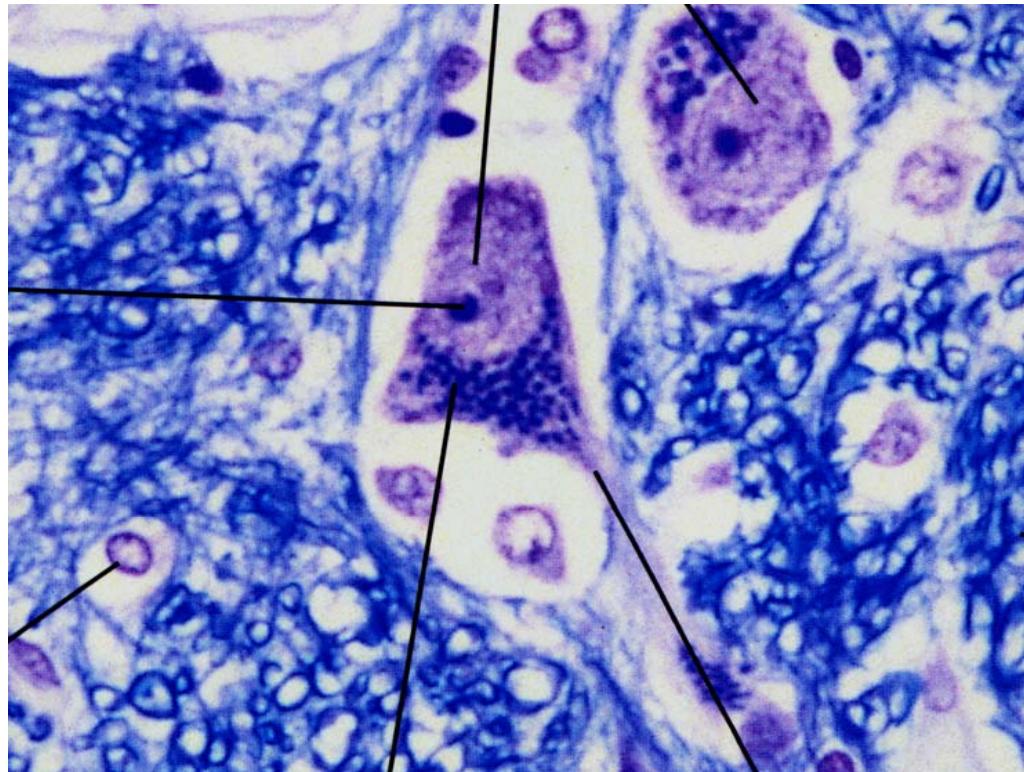
### III Drawing:neron

### **IV EM photos: 26-31**

### V Summary



### **III Drawing:neuron**



**Material :**

**Staining :**

**Amplification :**

**Date :**

## V. Summary:

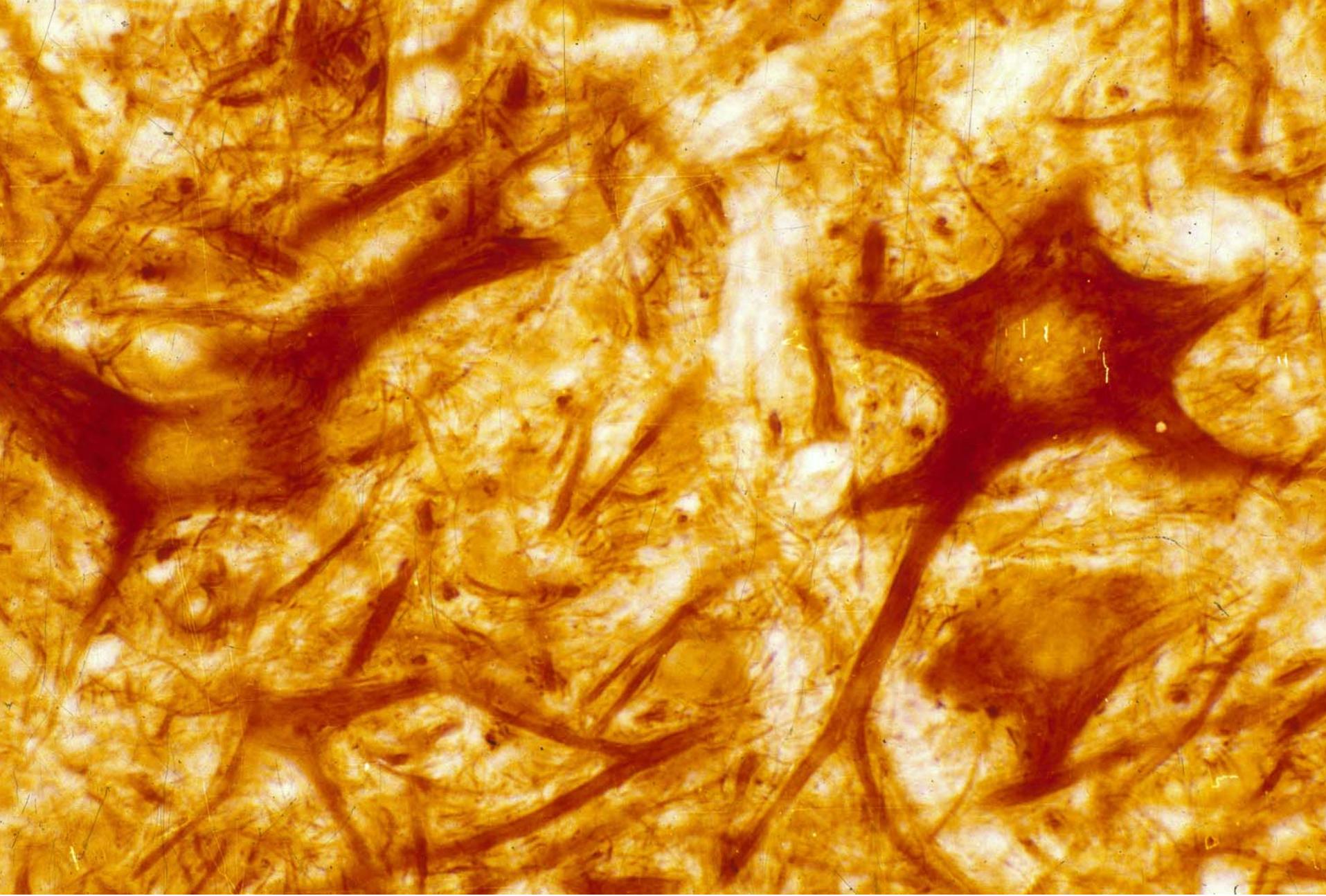
- The structure and function of neuron, nerve
- The type of neuroglia cell
- The ultra structure of synapse
- The structure and type of nerve fiber
- The structure of motor end plate



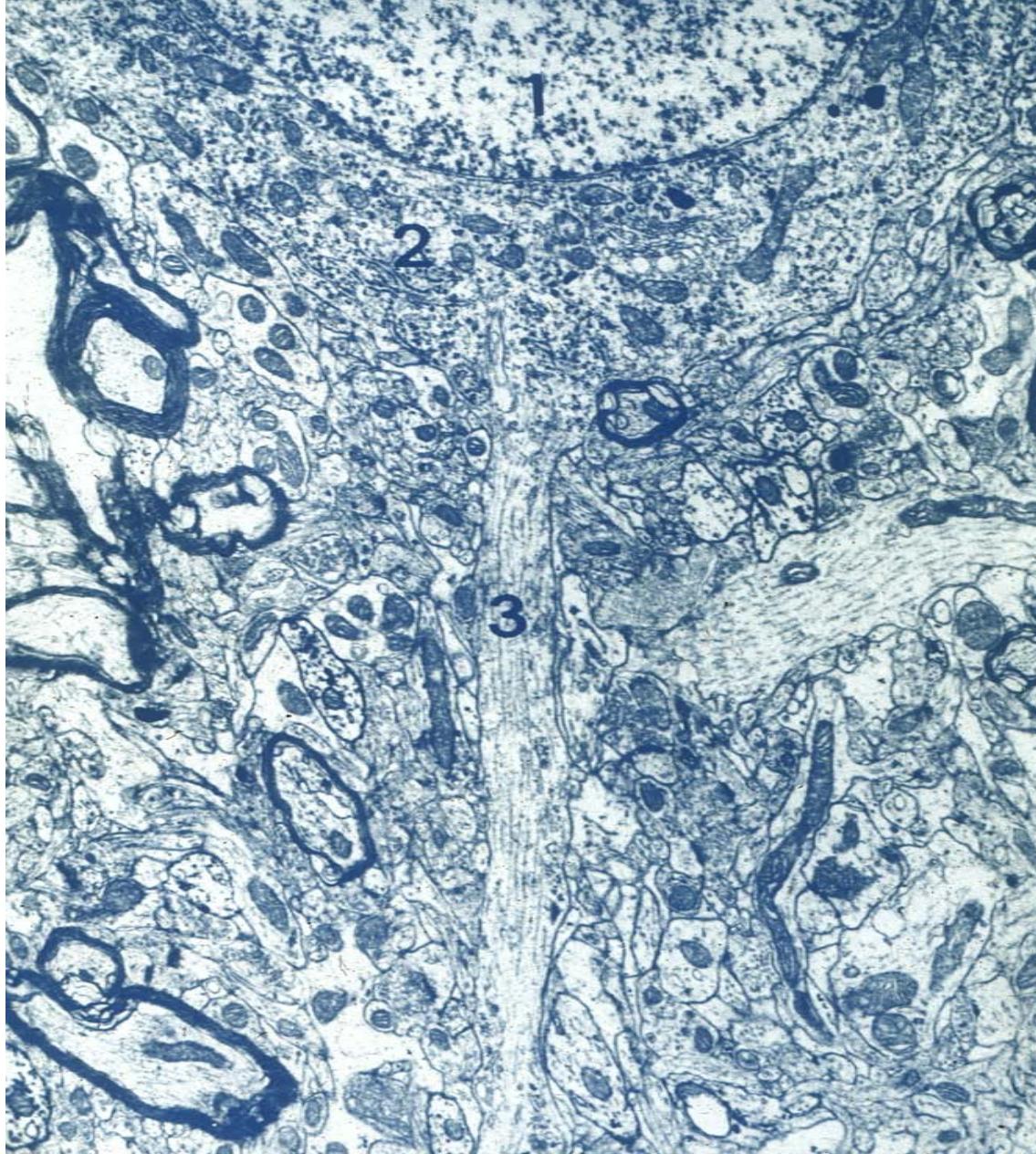
**spinal cord**



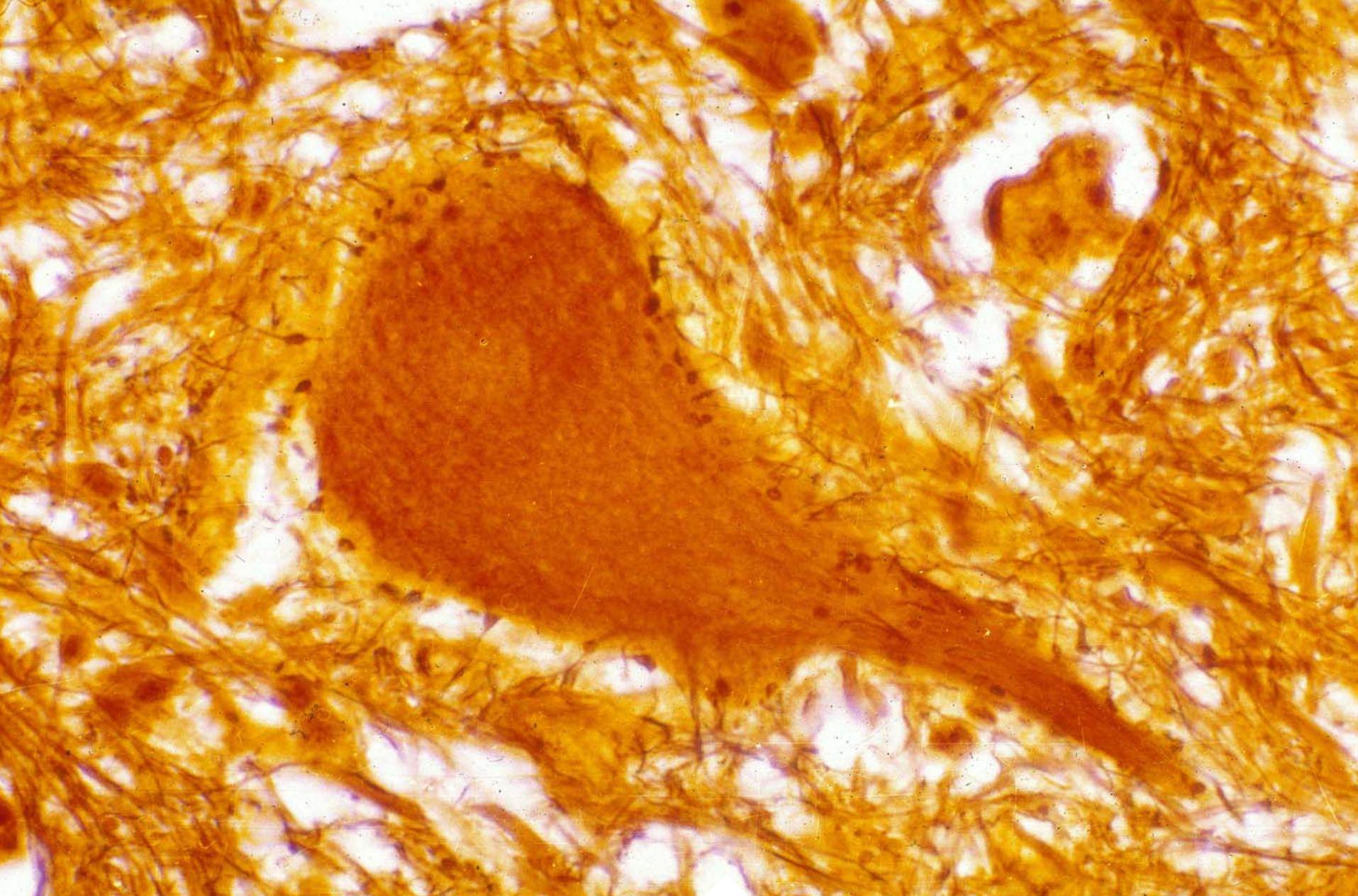
**neuron**



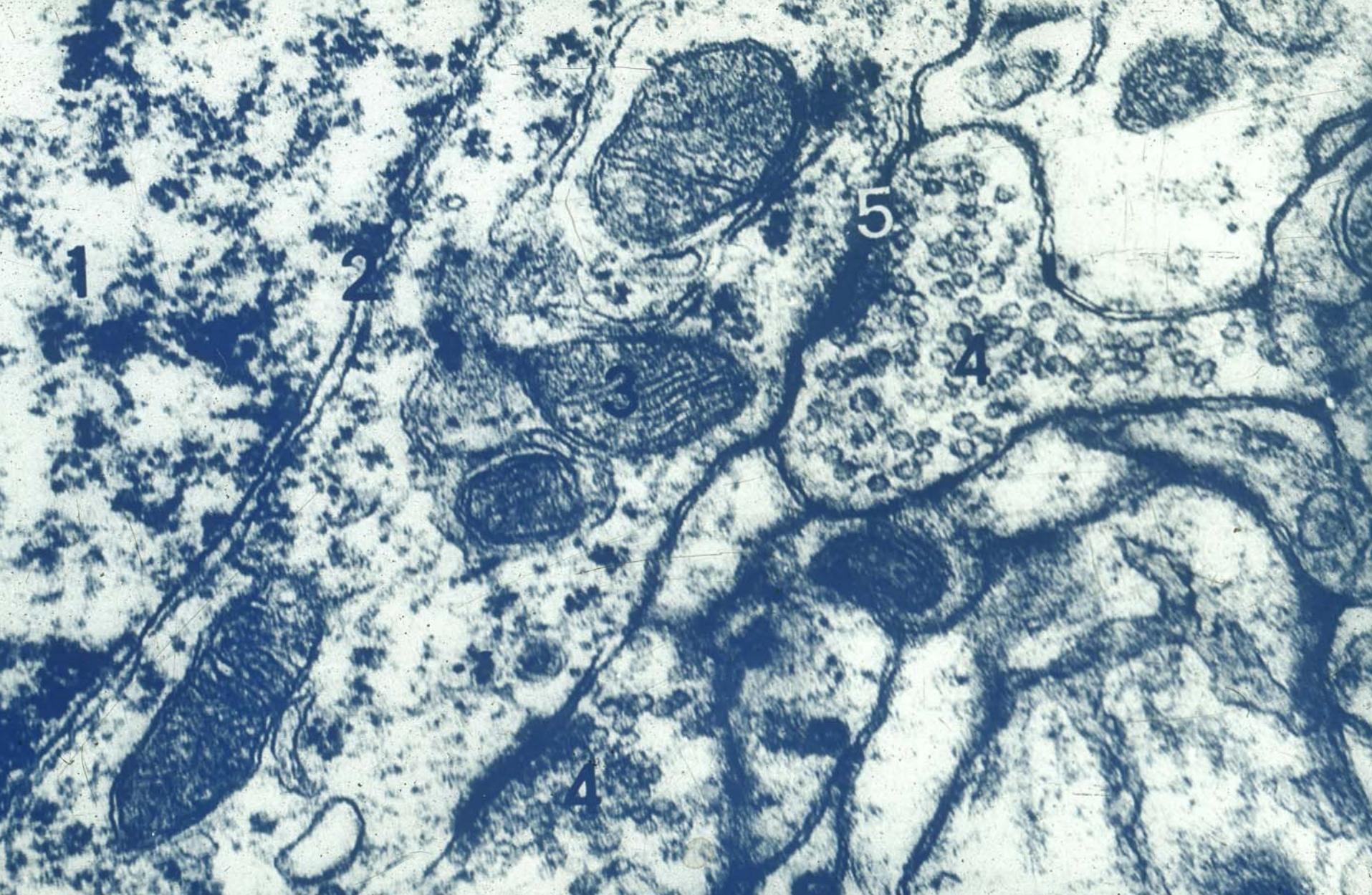
**neuron**



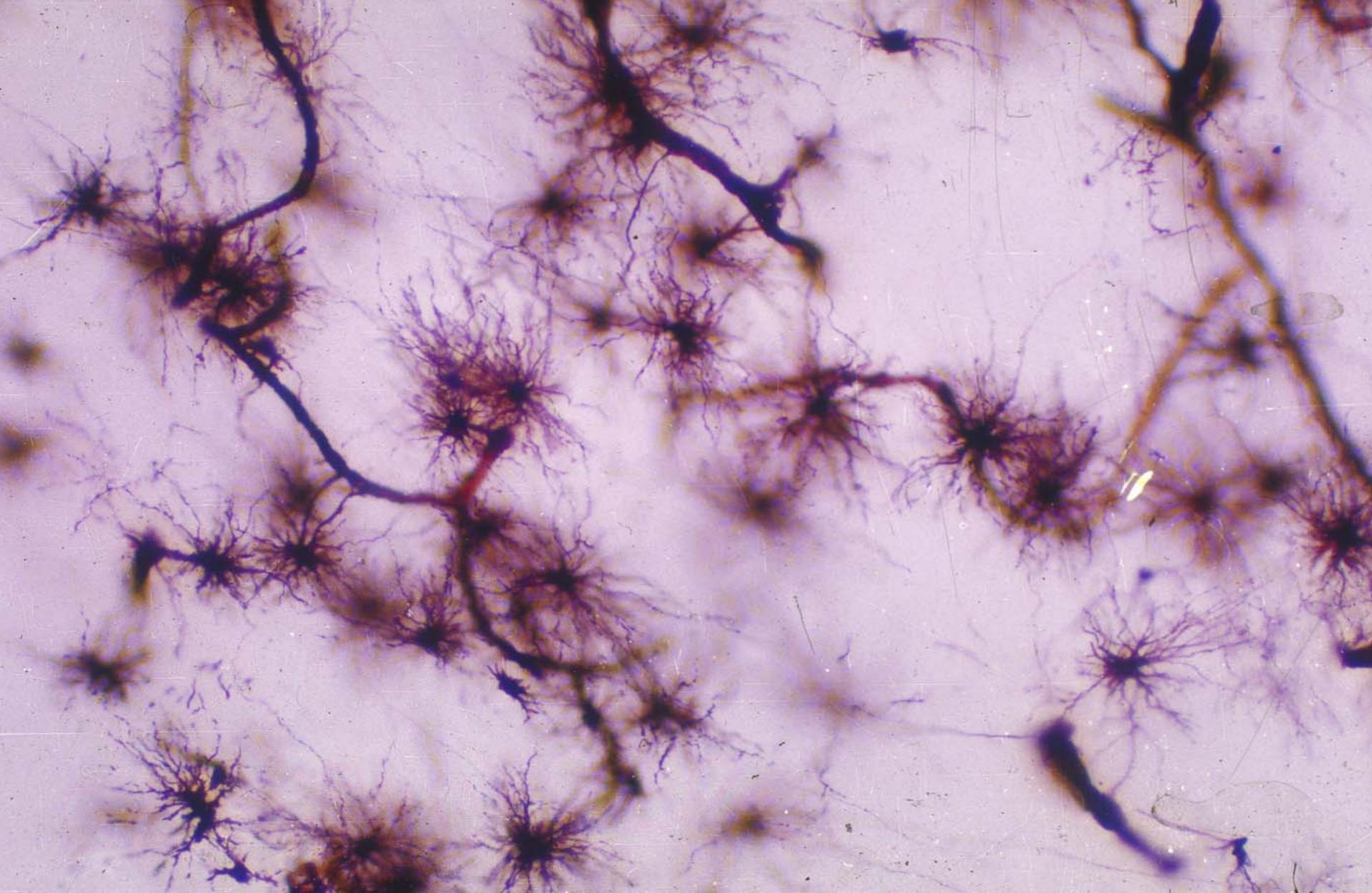
**dendrite**



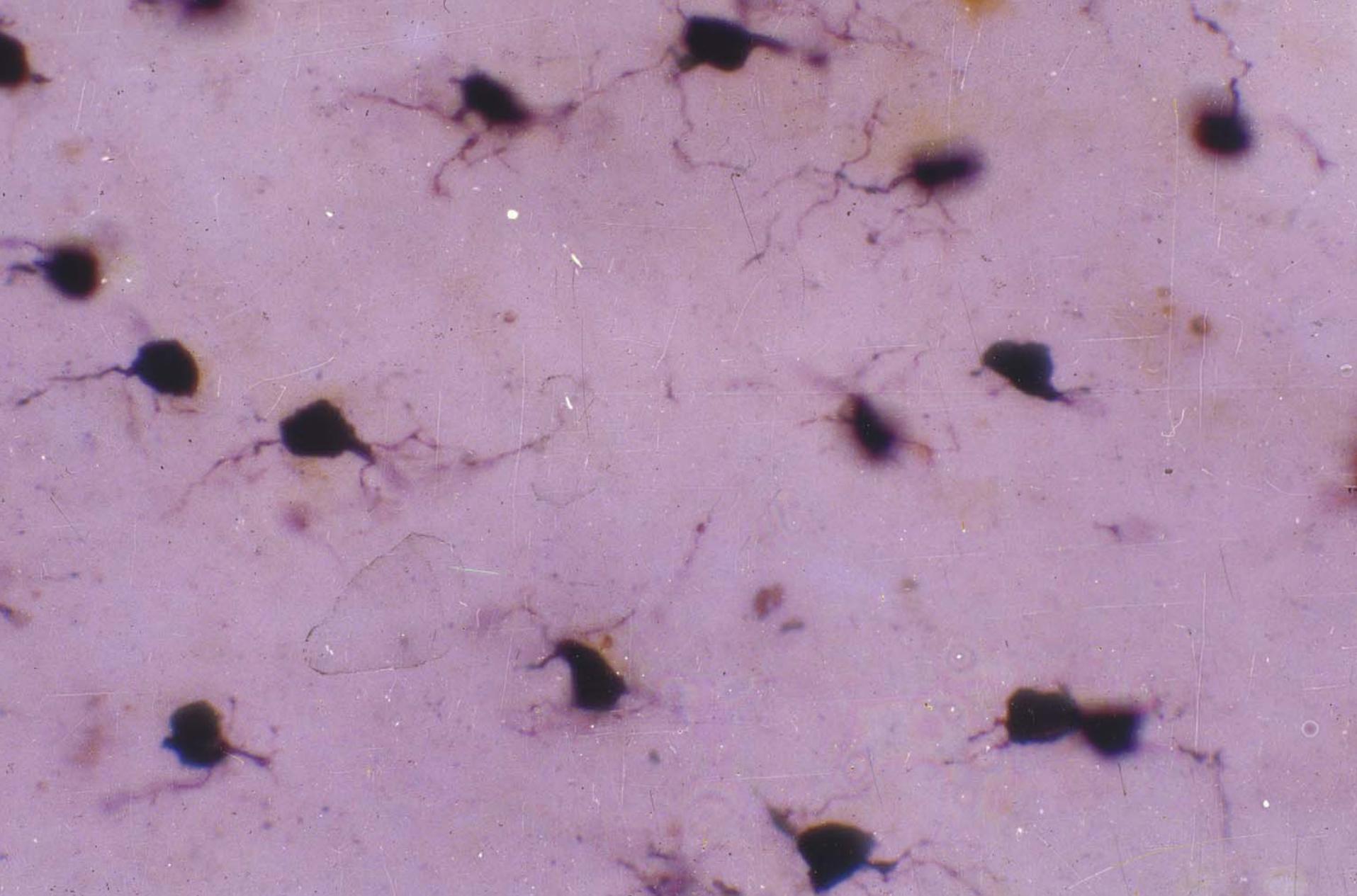
**synapse**



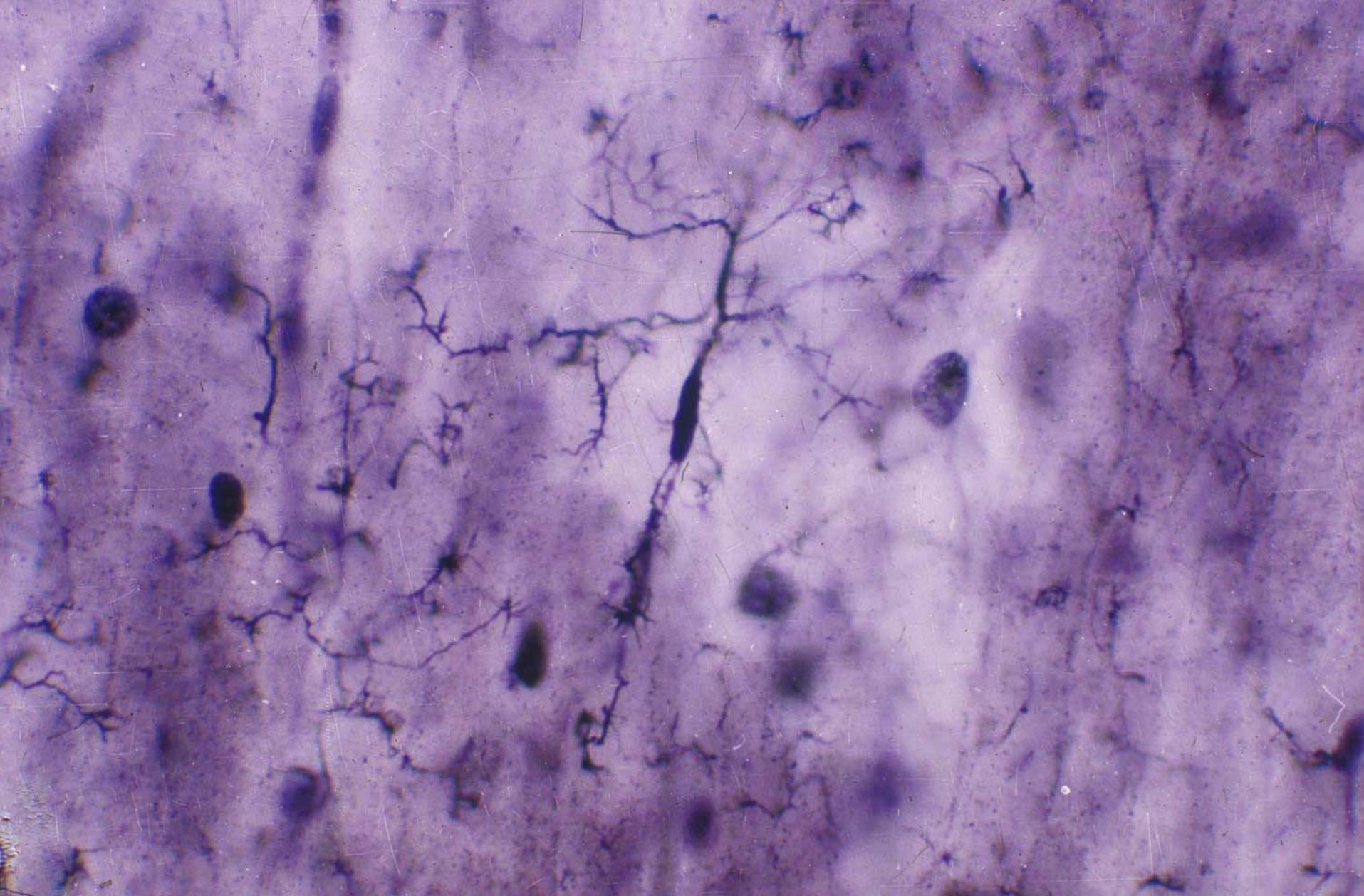
**synapse**



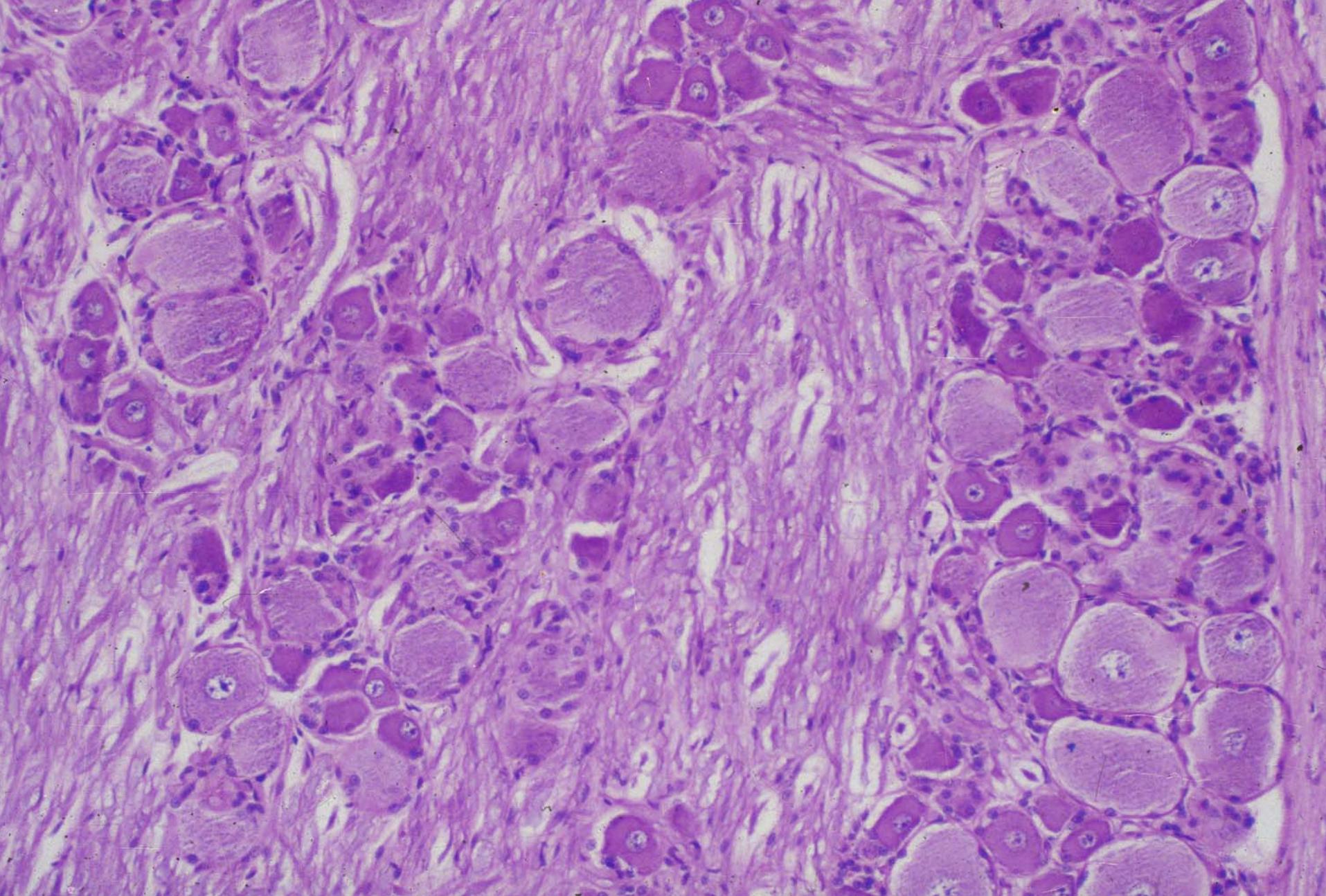
astrocyte

A light micrograph showing several oligodendrocytes against a pinkish-purple background. The cells have dark, irregular nuclei and long, thin, branching processes. One cell in the center-left has a prominent, roughly circular, clear area around its nucleus.

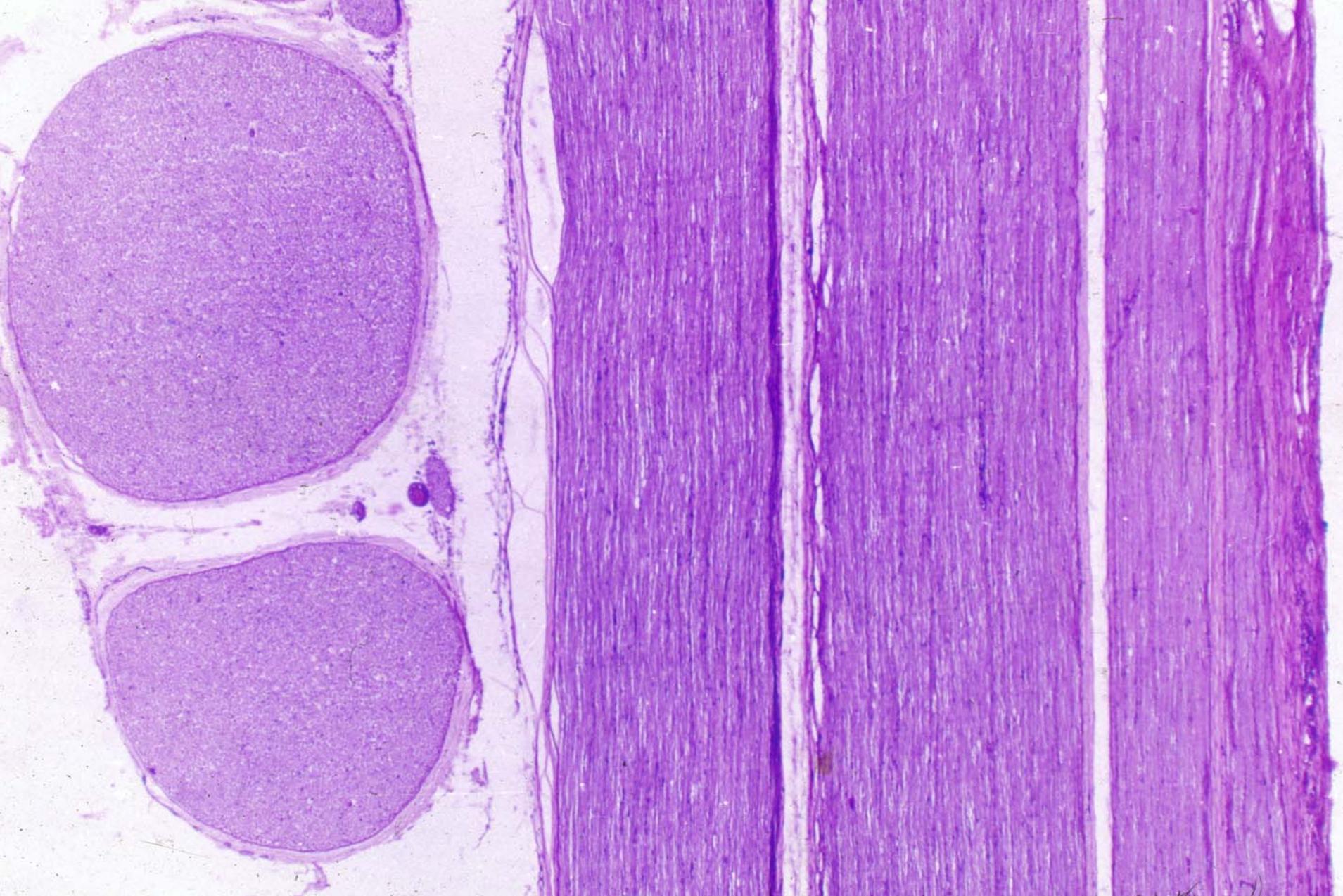
**oligodendrocyte**

A light micrograph showing several microglia cells against a pale purple background. The cells are stained dark purple and exhibit a highly branched, tree-like morphology with many fine processes extending in various directions.

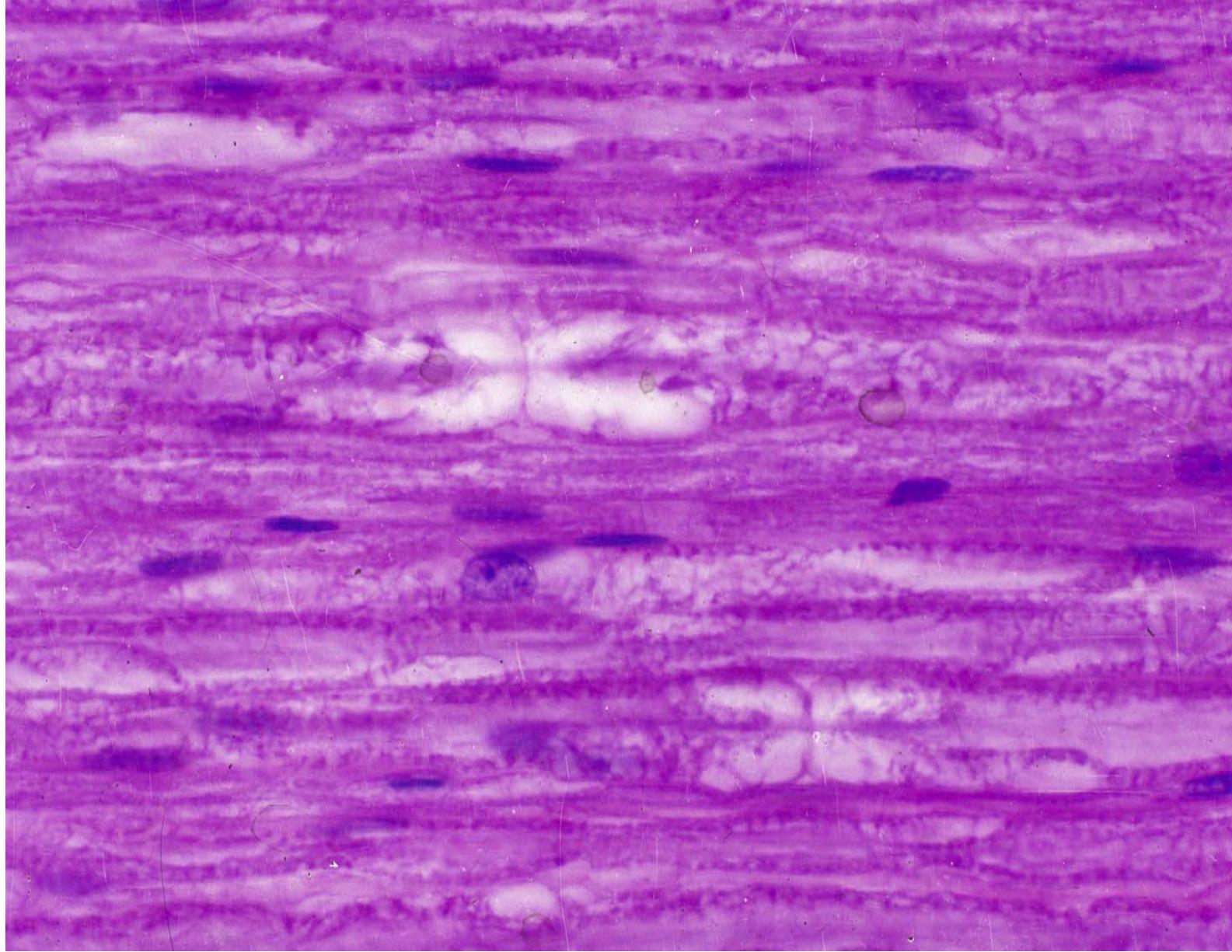
**microglia**



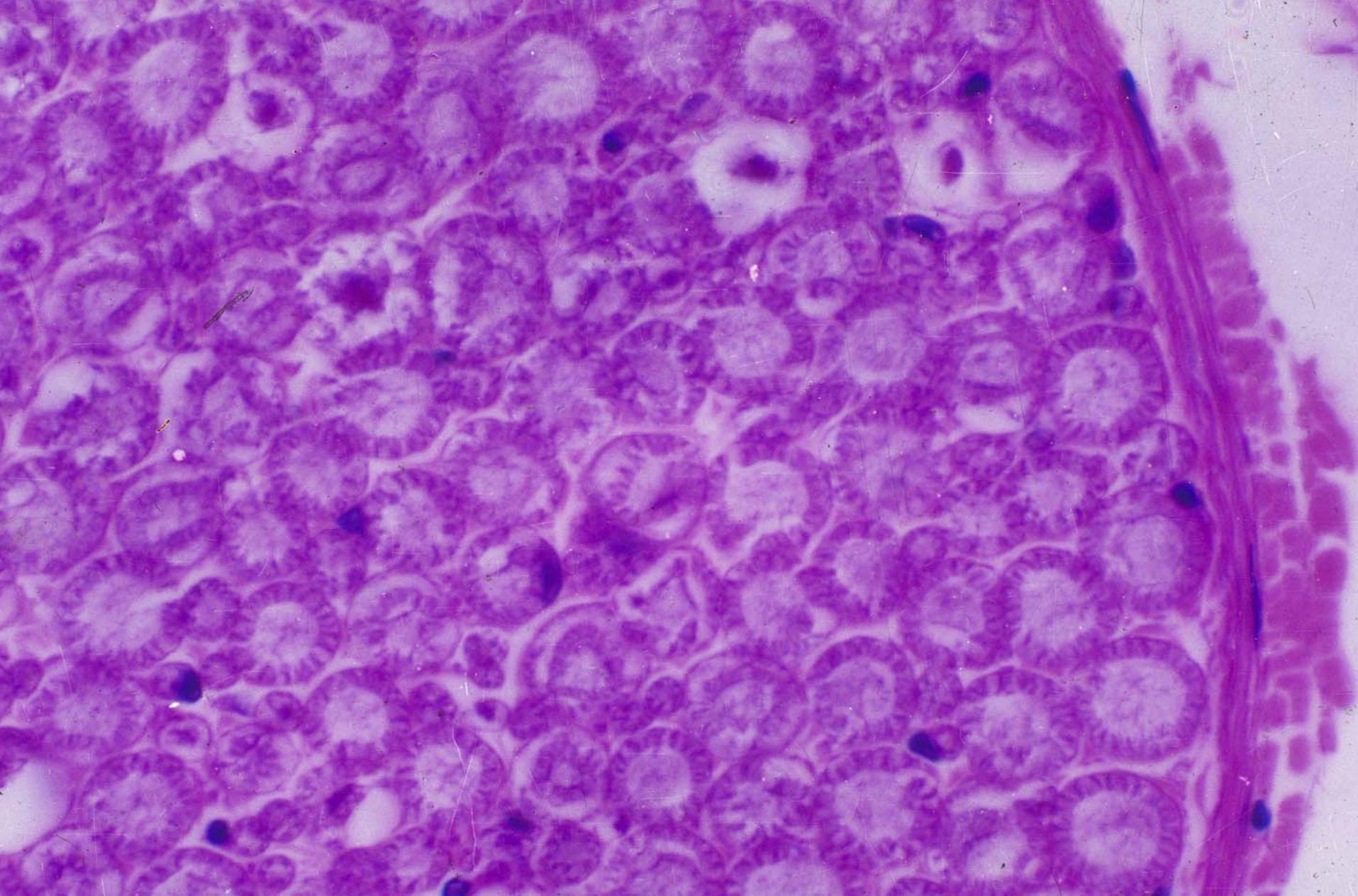
**satellite cell**



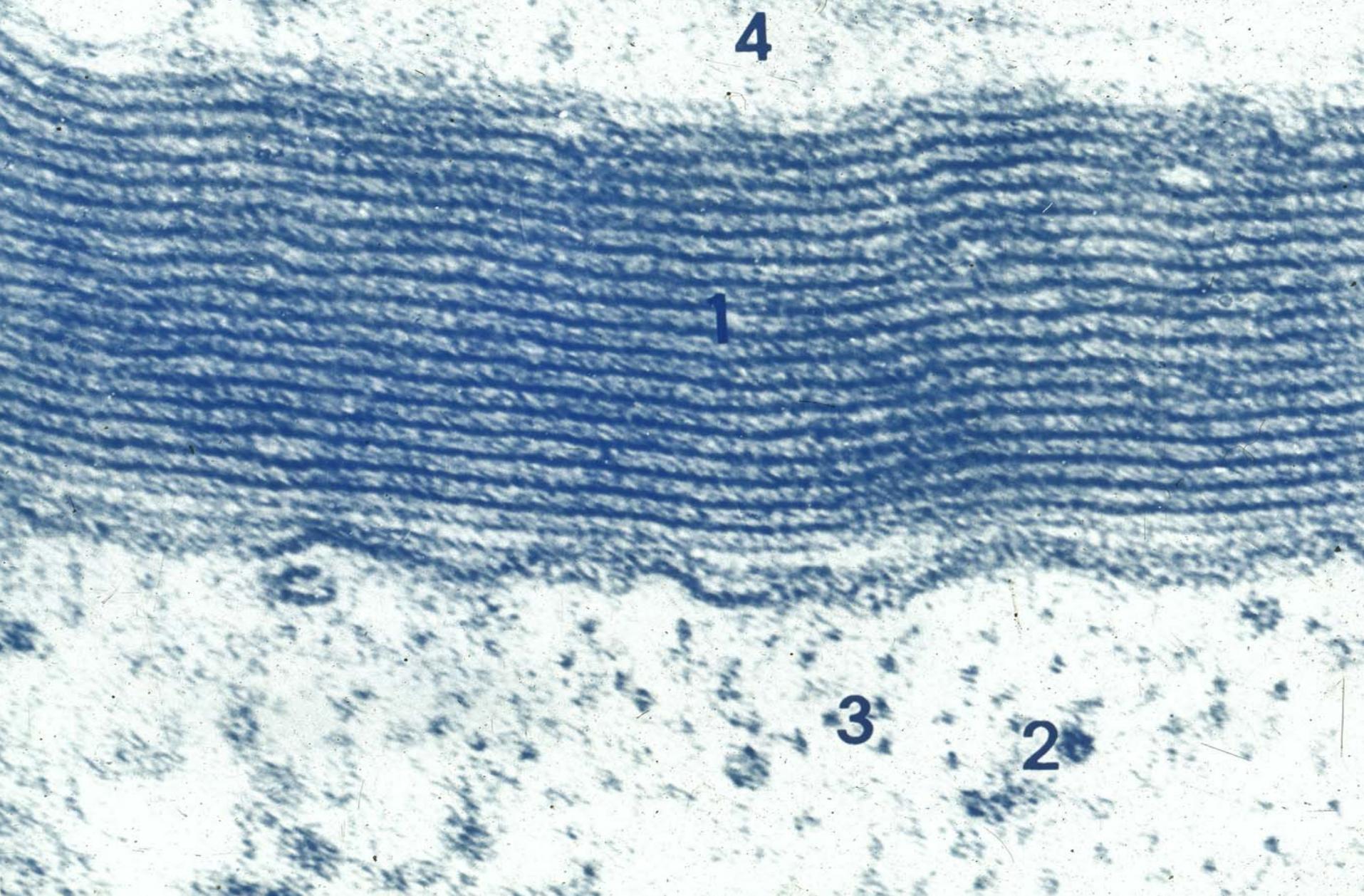
**nerve**



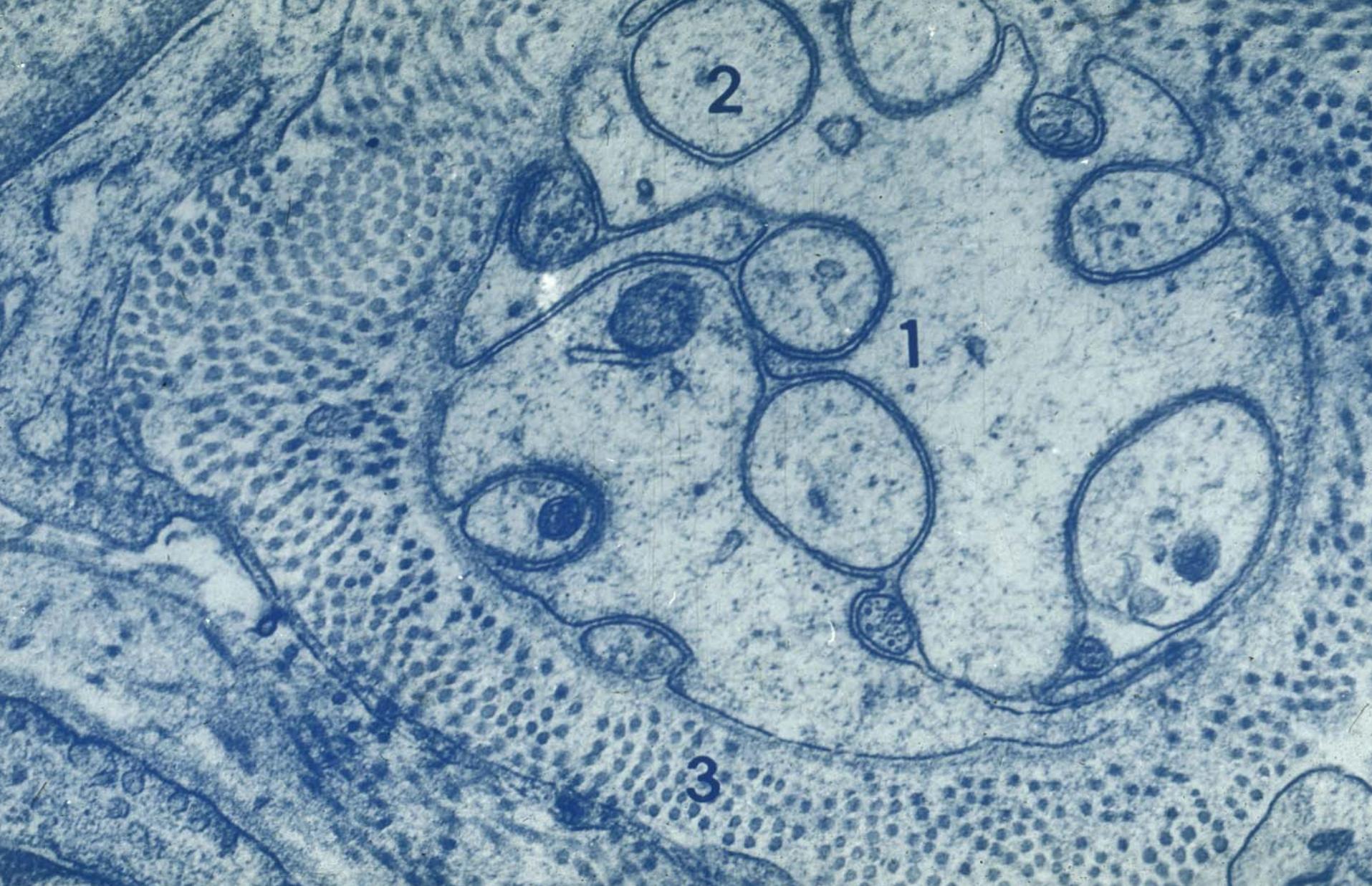
**myelinated nerve fiber**



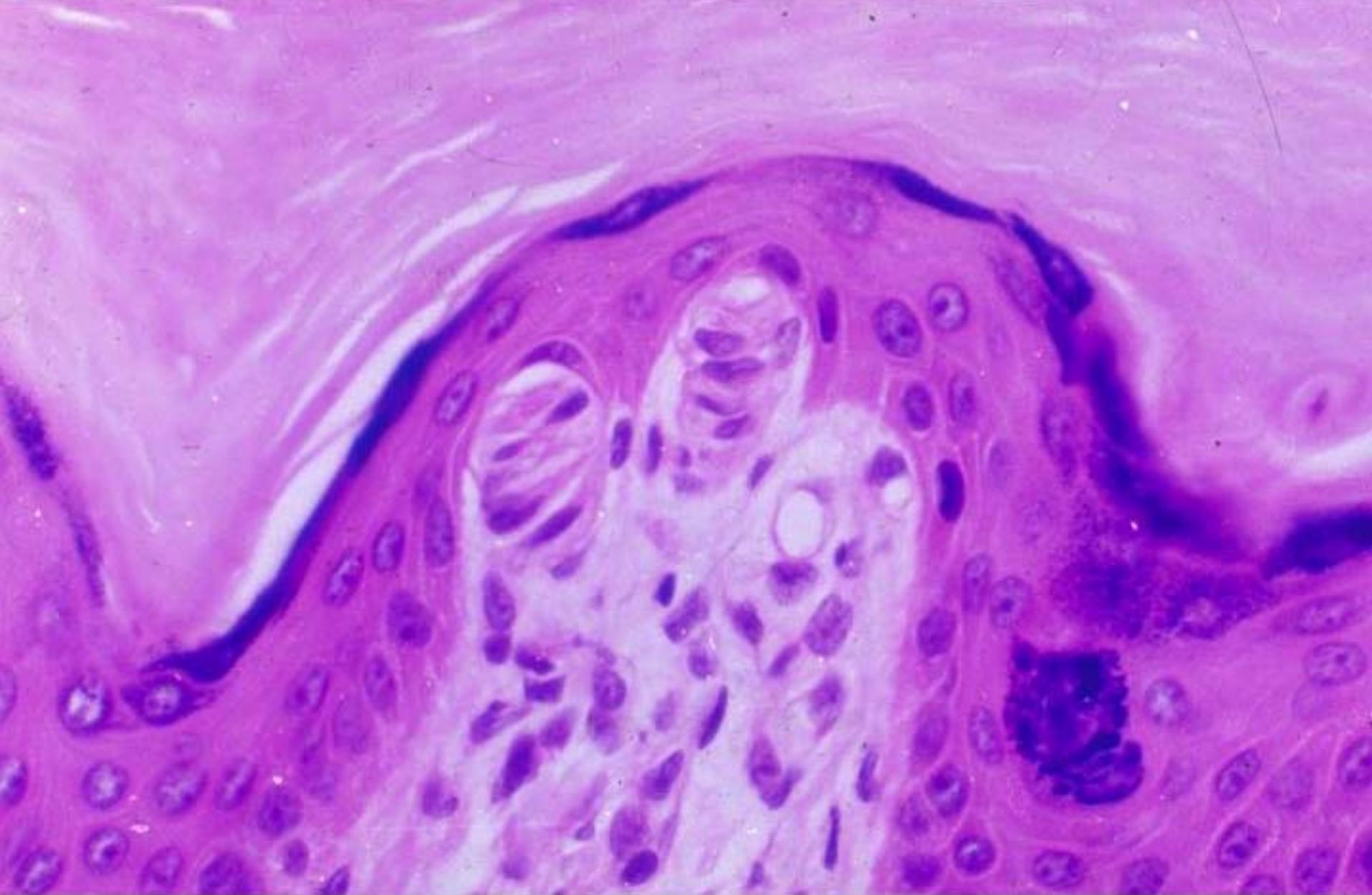
**nerve fiber**



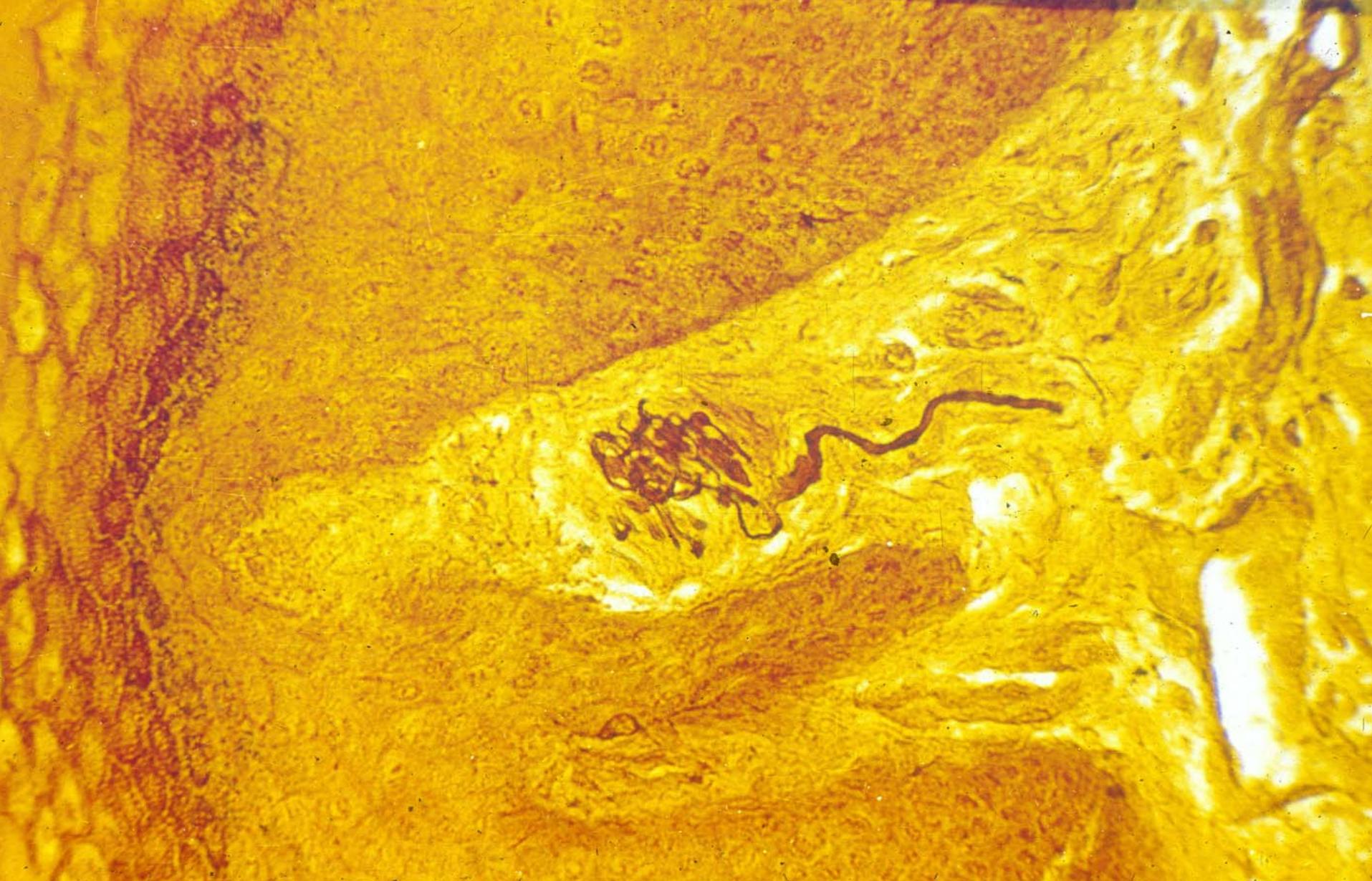
**myelinated nerve fiber**



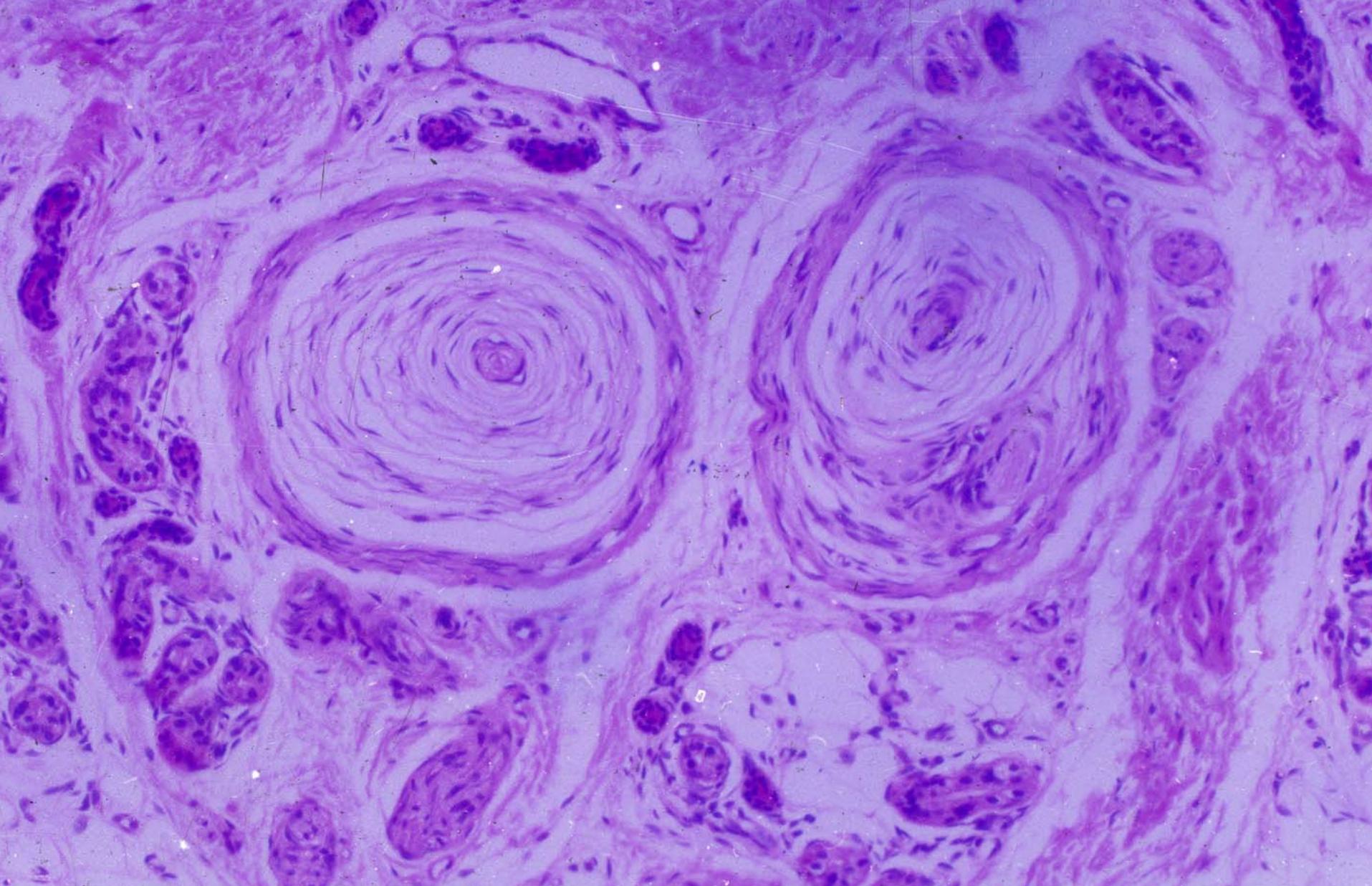
**unmyelinated nerve fiber**



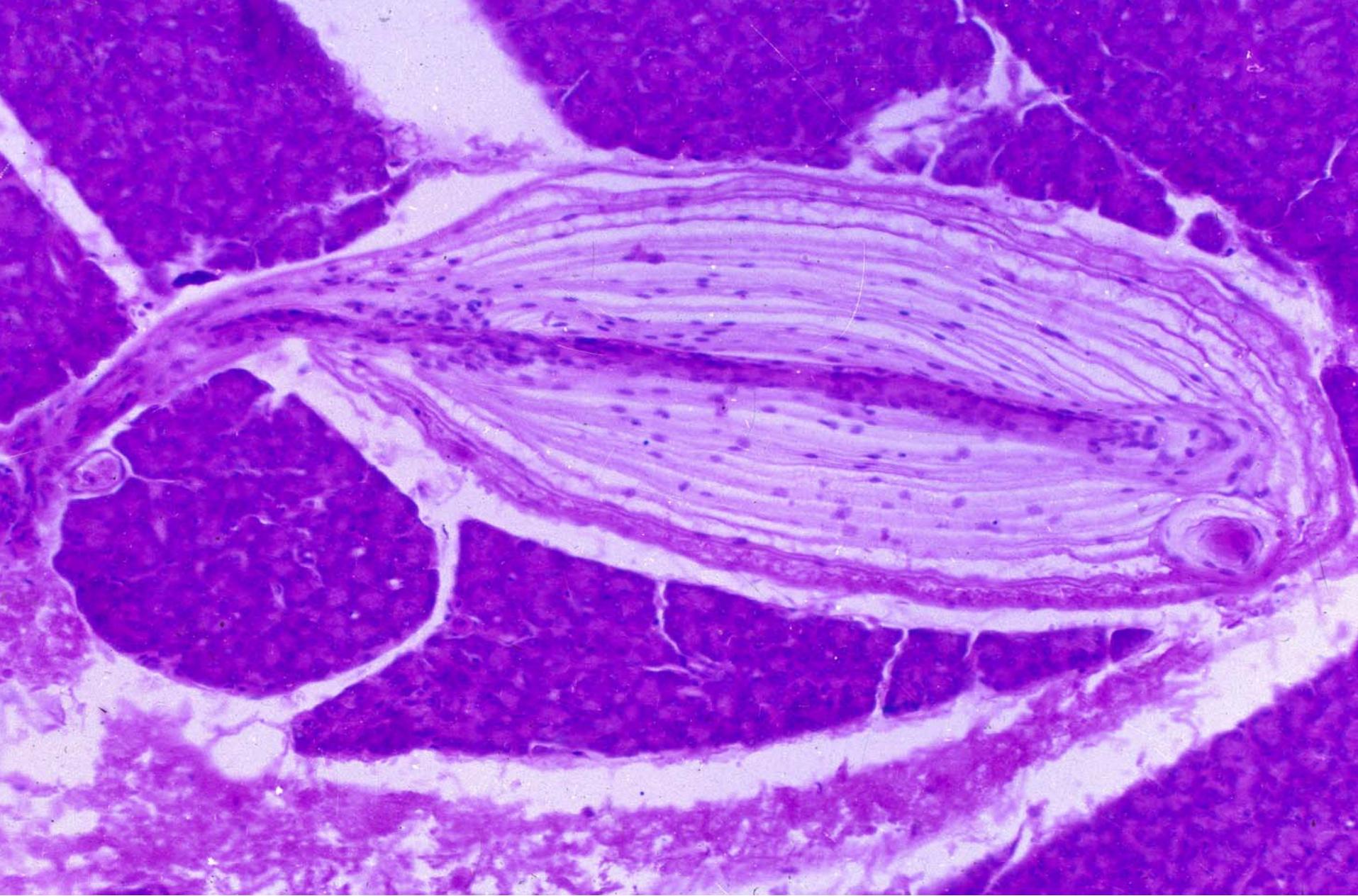
tactile corpuscle



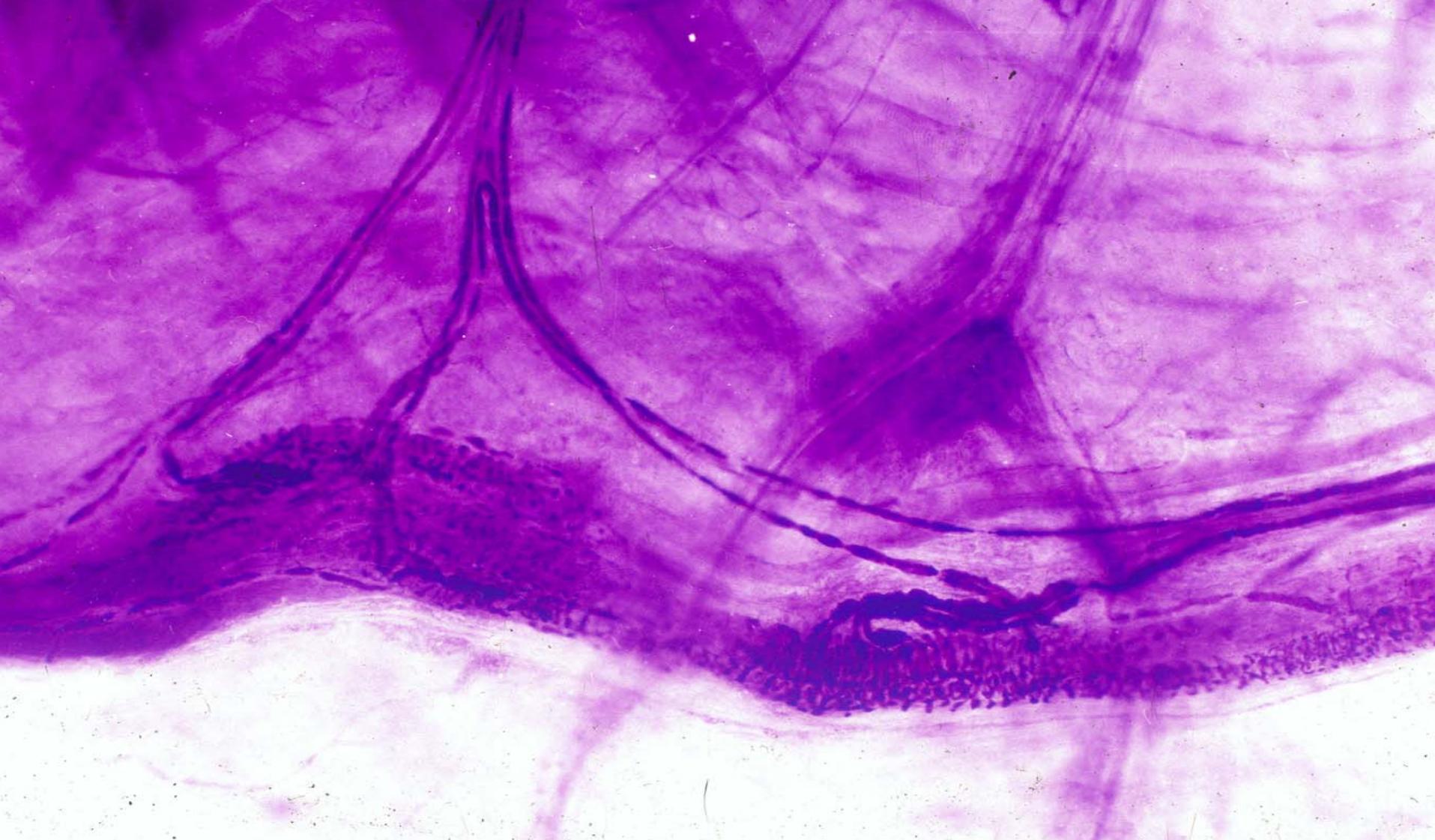
tactile corpuscle



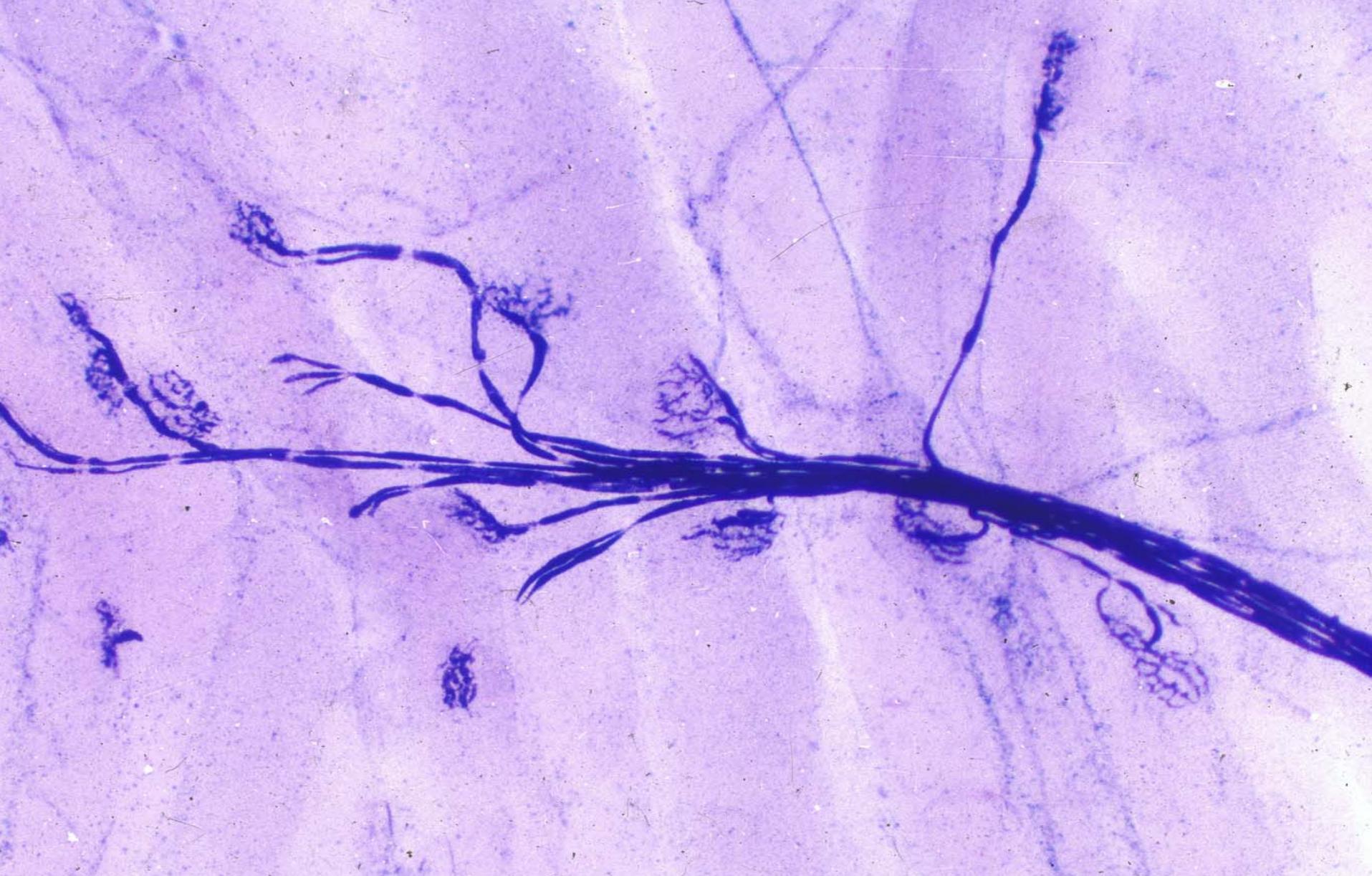
lamellar corpuscle



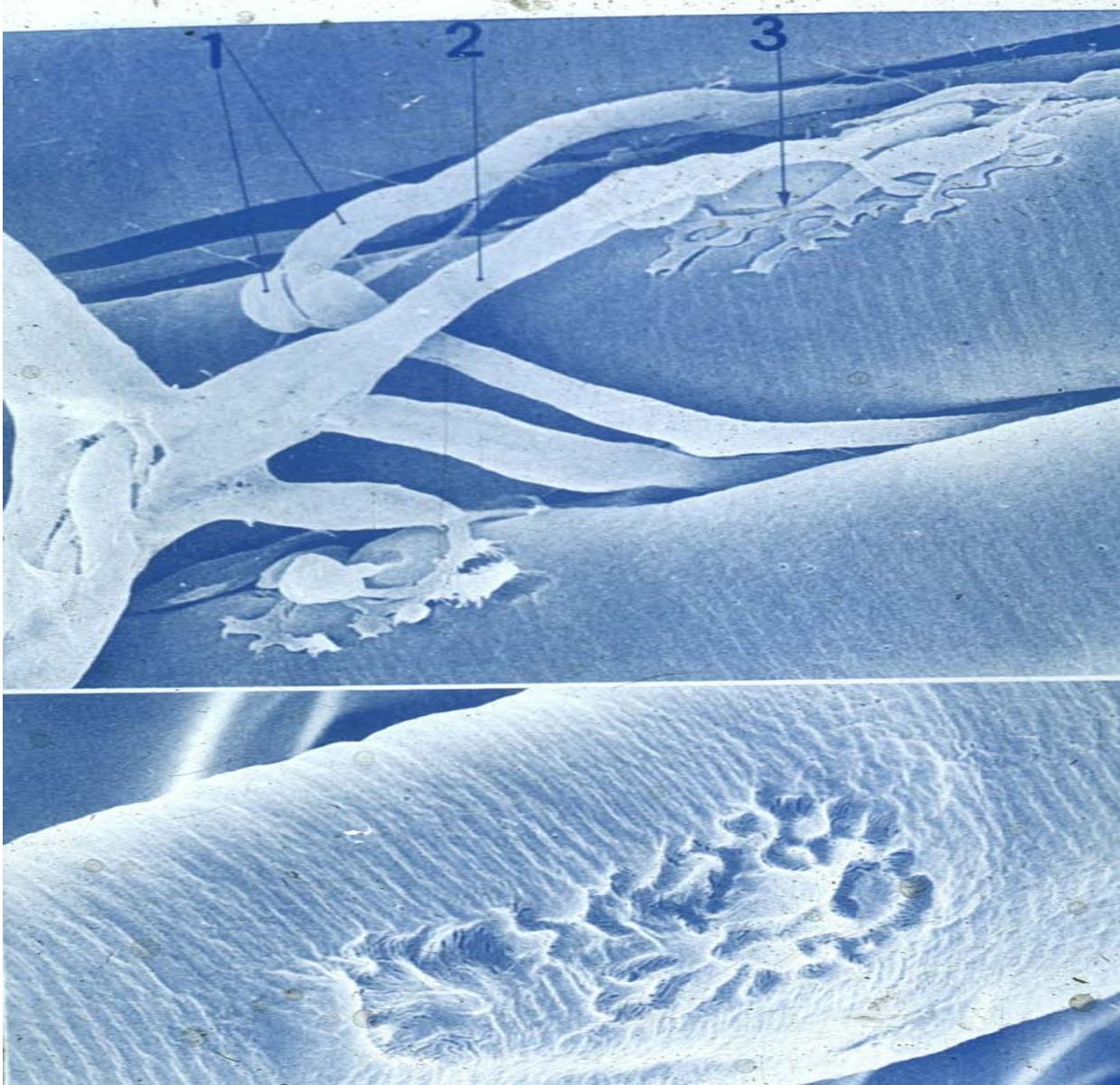
**lamellar corpuscle**



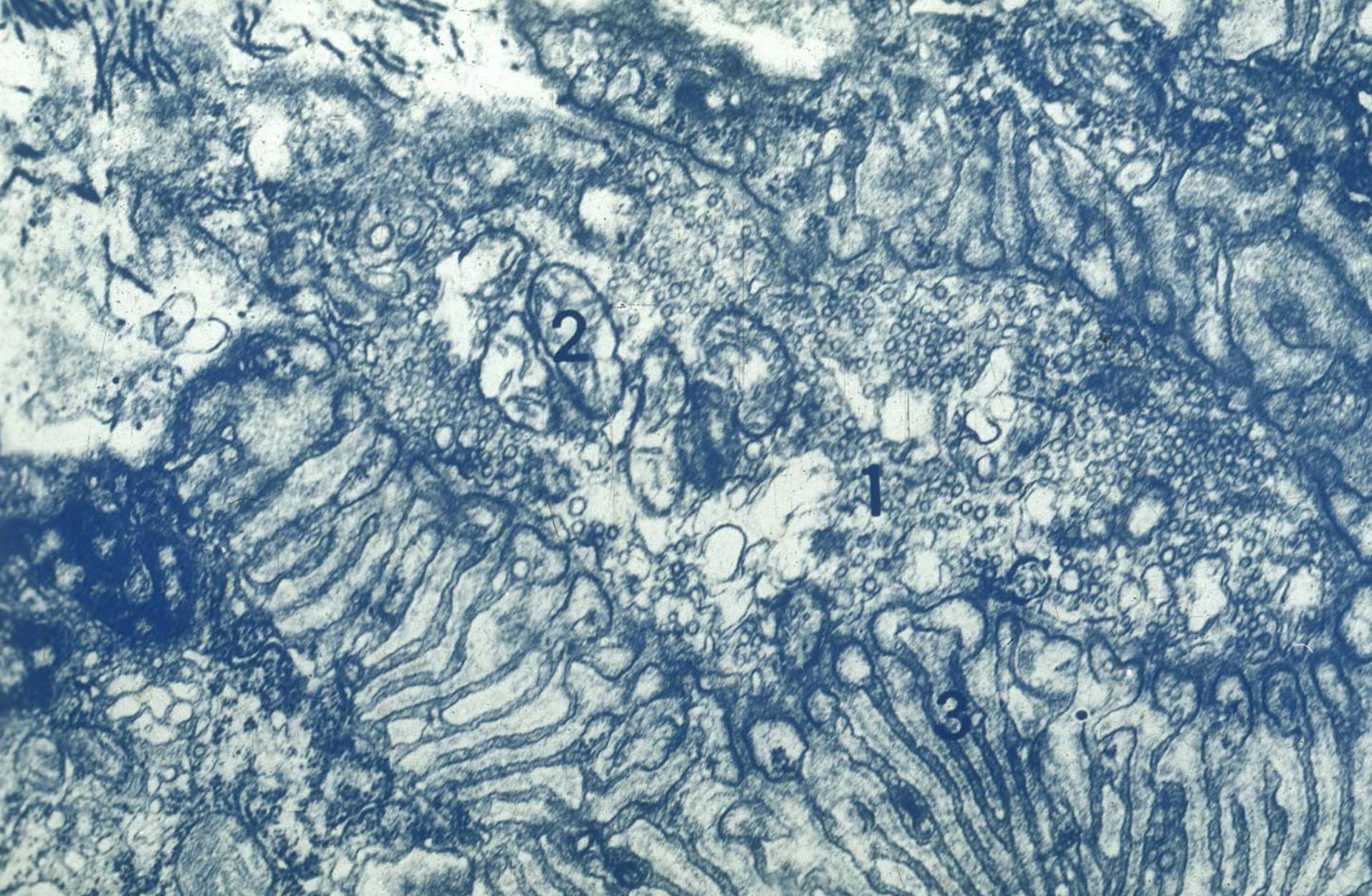
**muscle spindle**



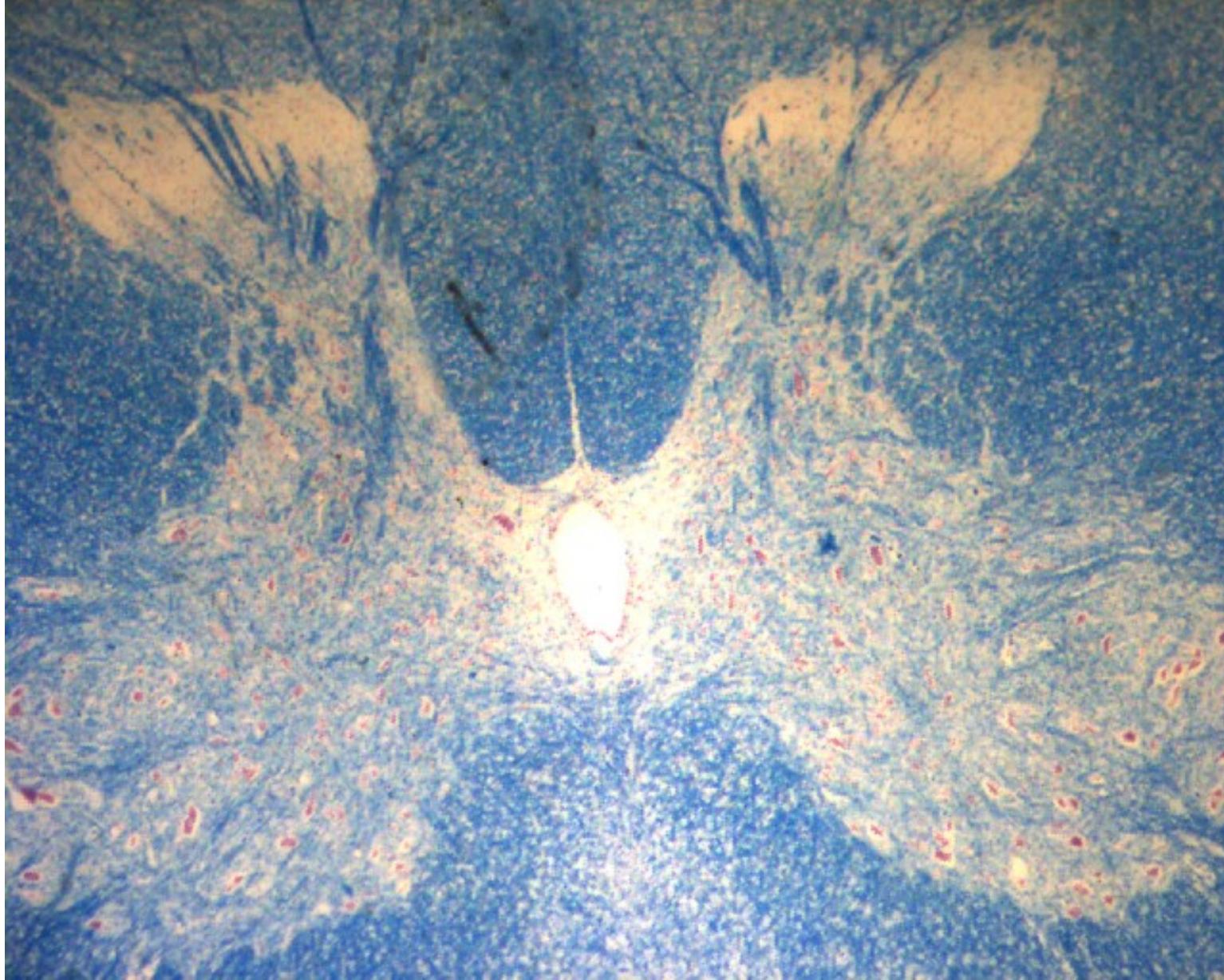
**motor end plate**



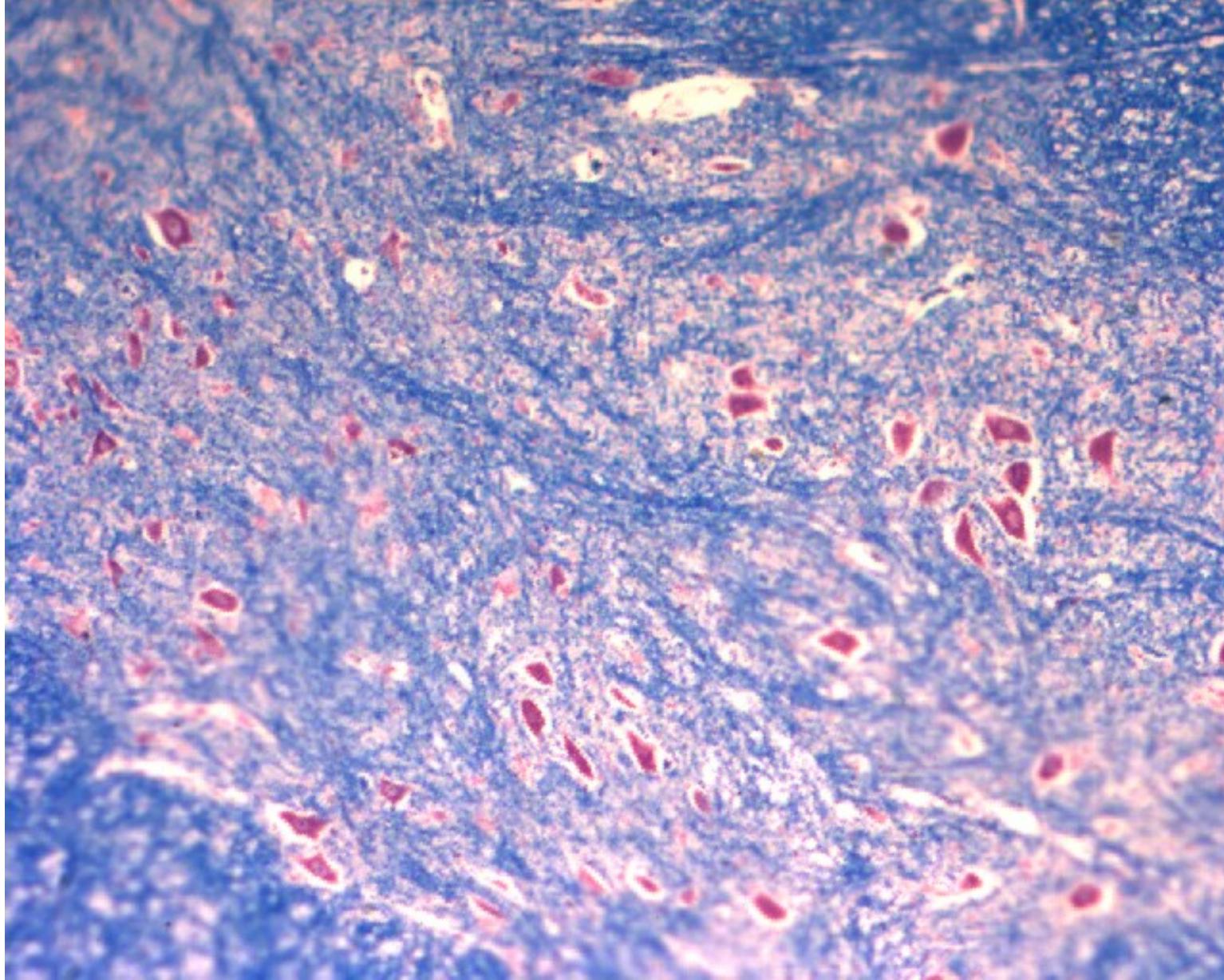
**motor end plate**



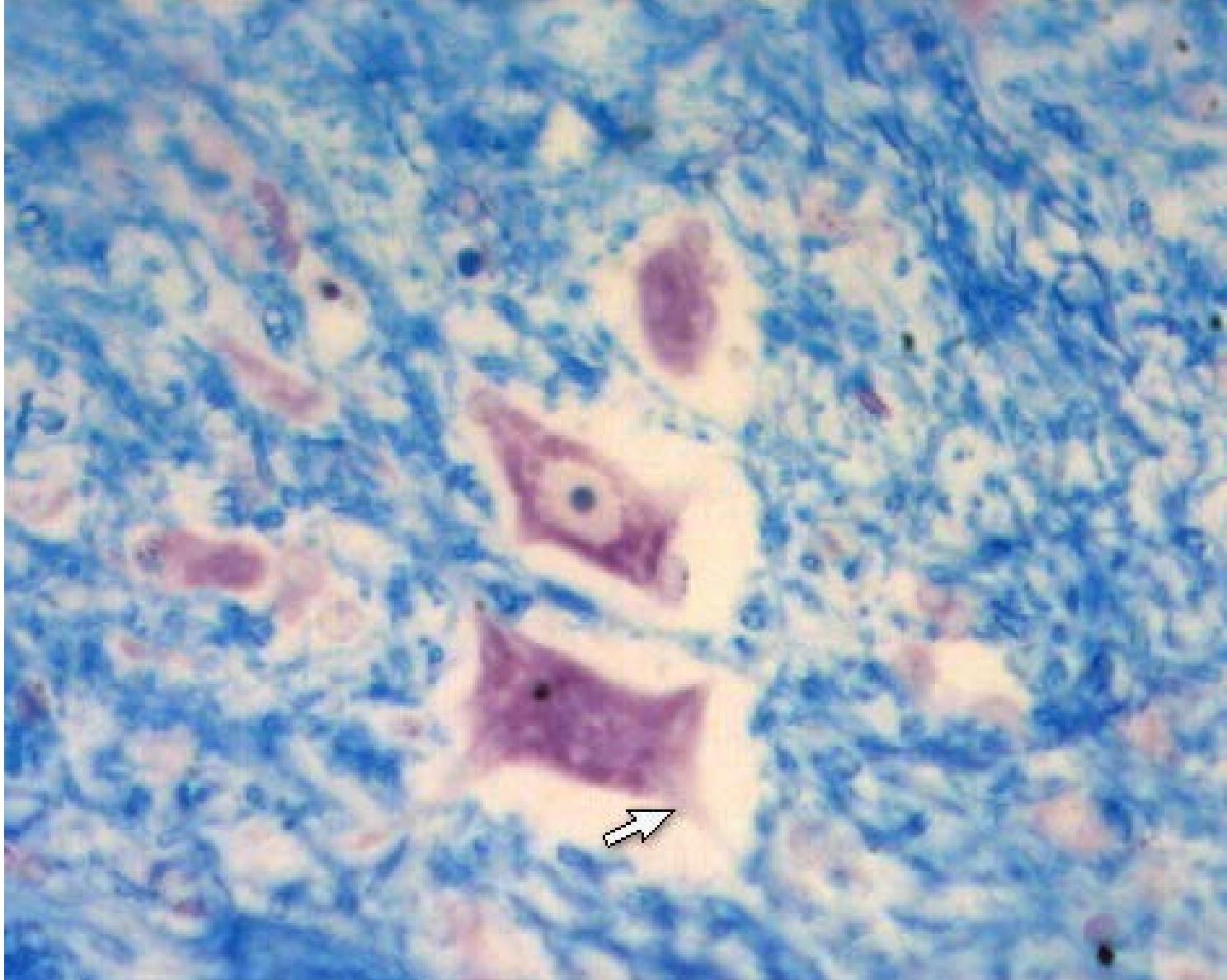
**motor end plate**



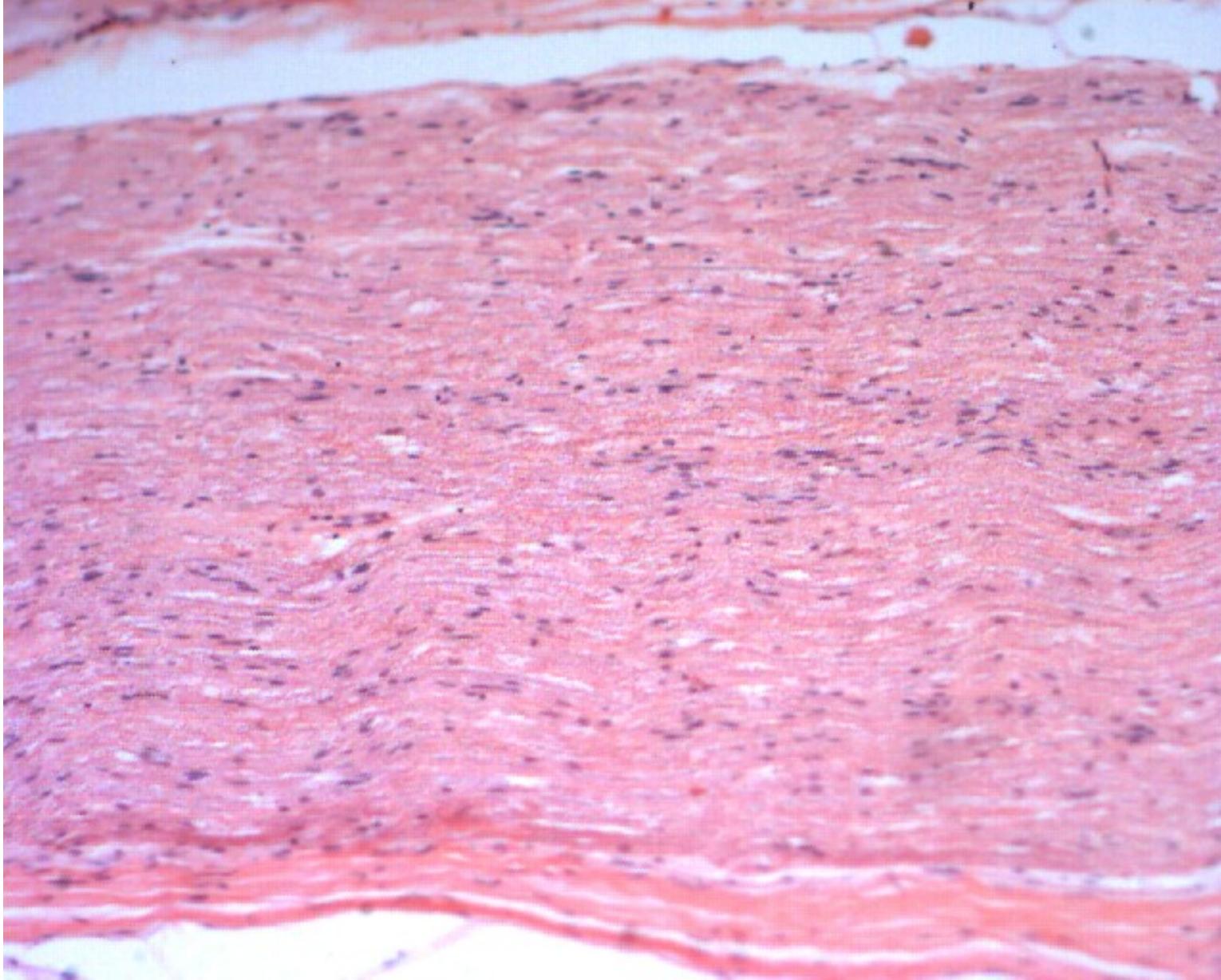
**spinal cord**



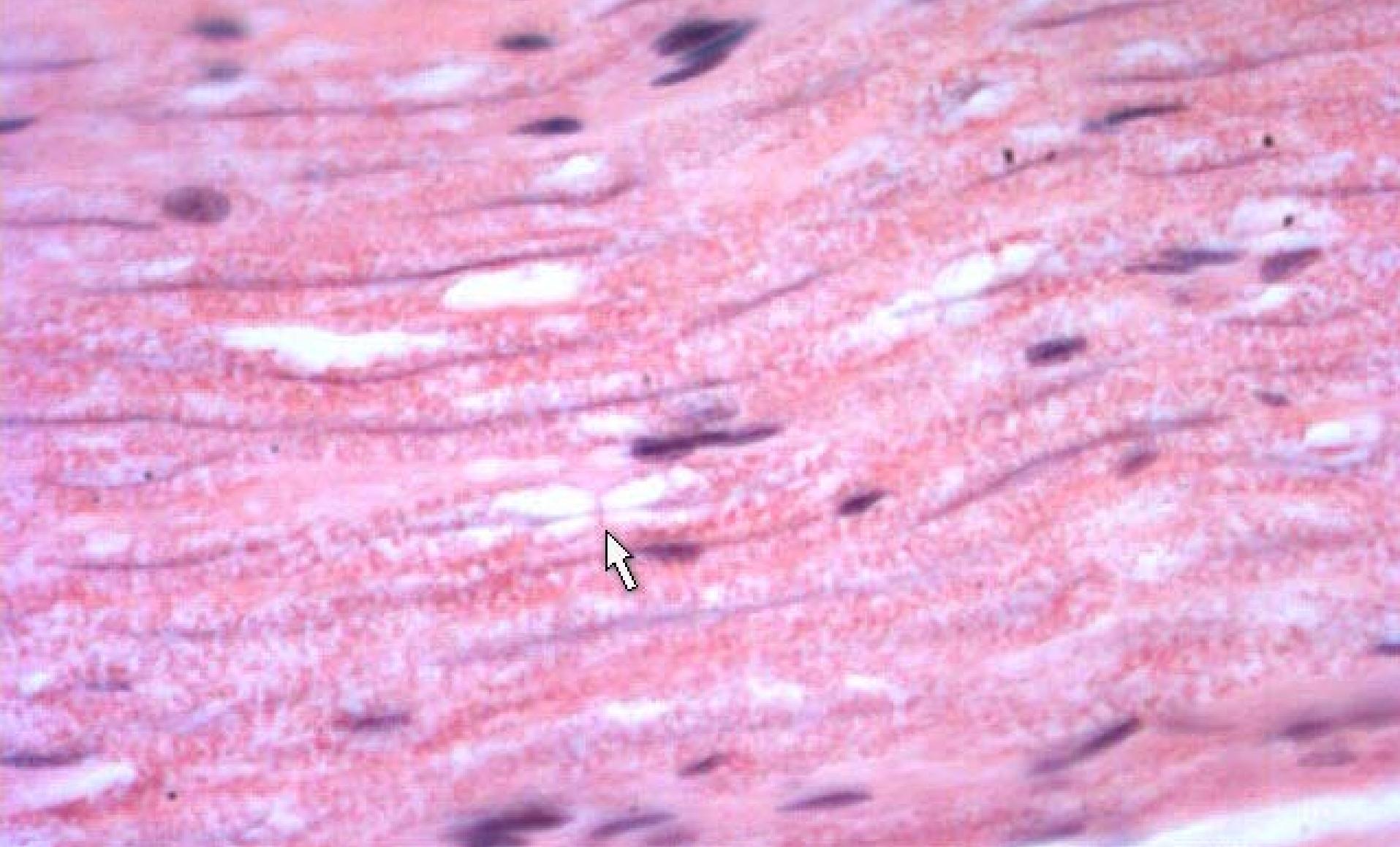
**neuron**



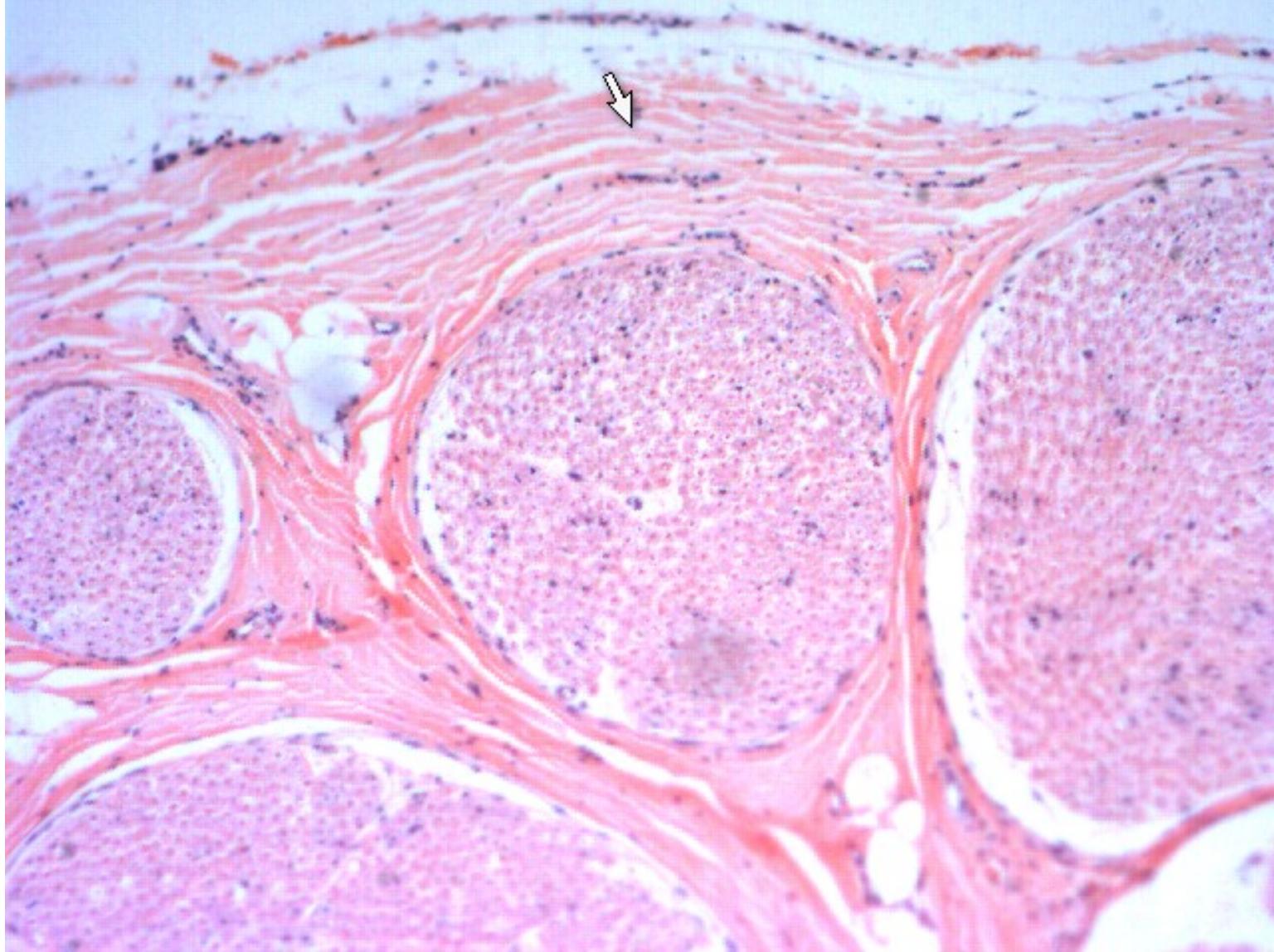
**neuron**



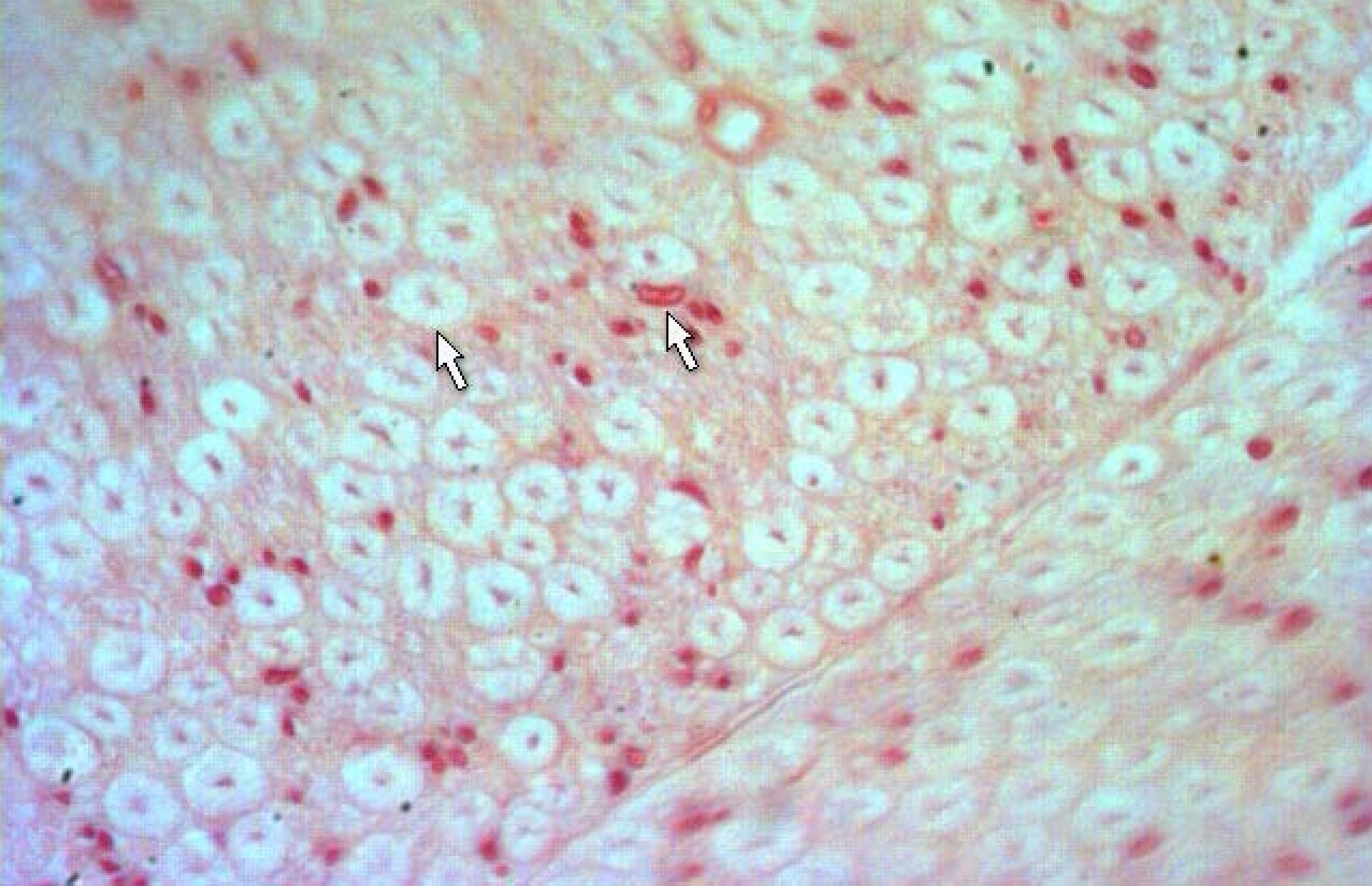
**nerve**



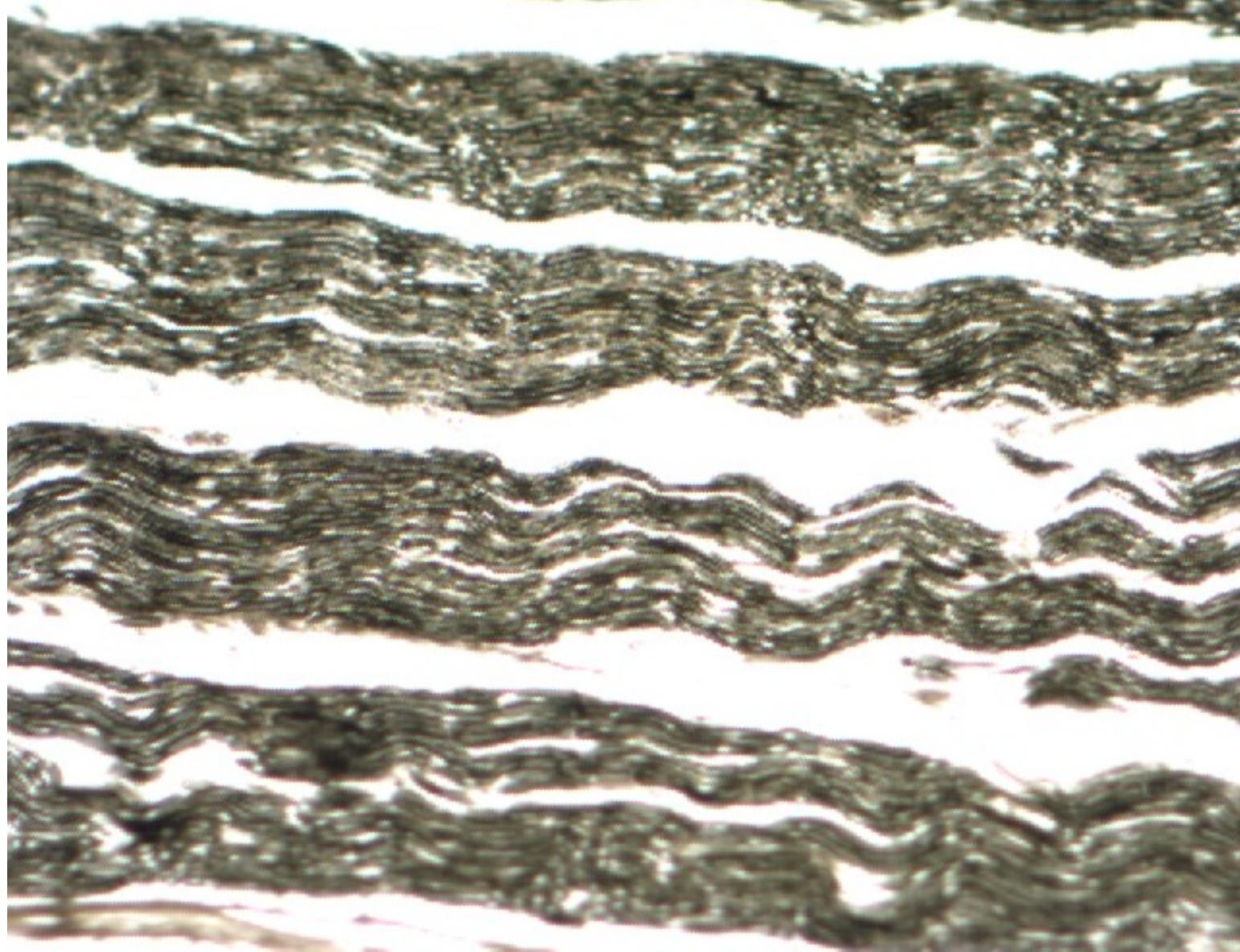
Ranvier node



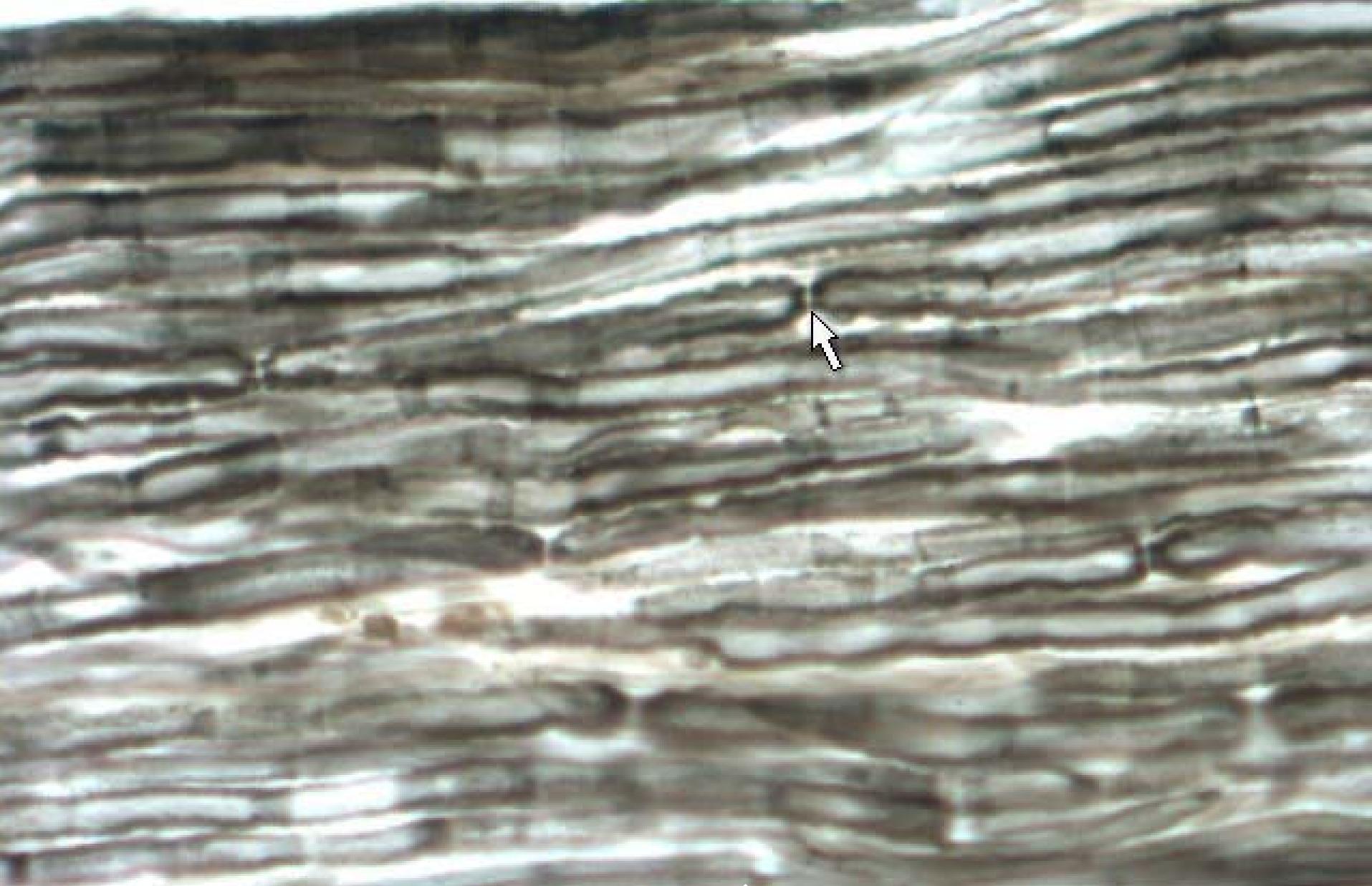
**nerve**



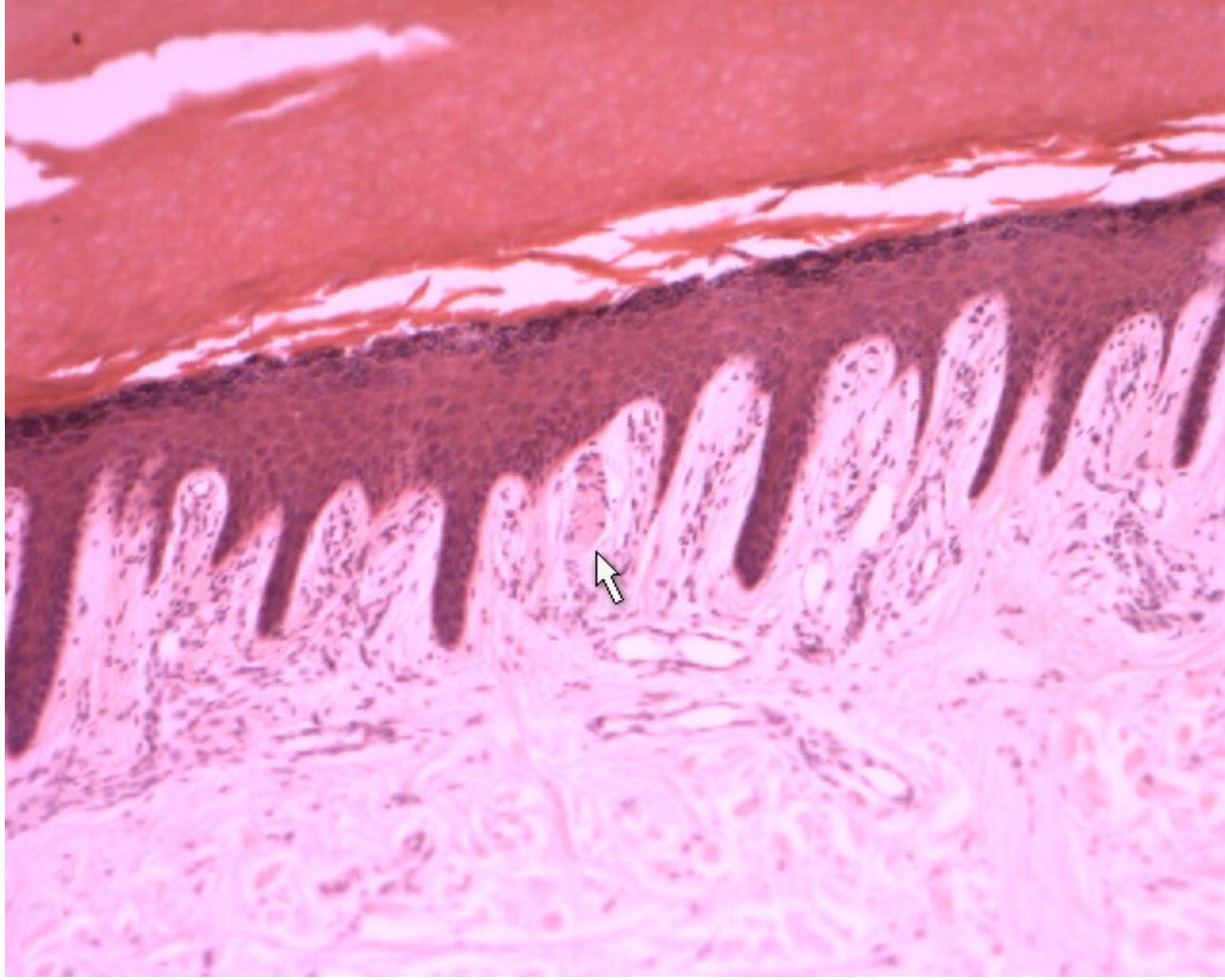
**myelinated nerve fiber and Schwann cell**



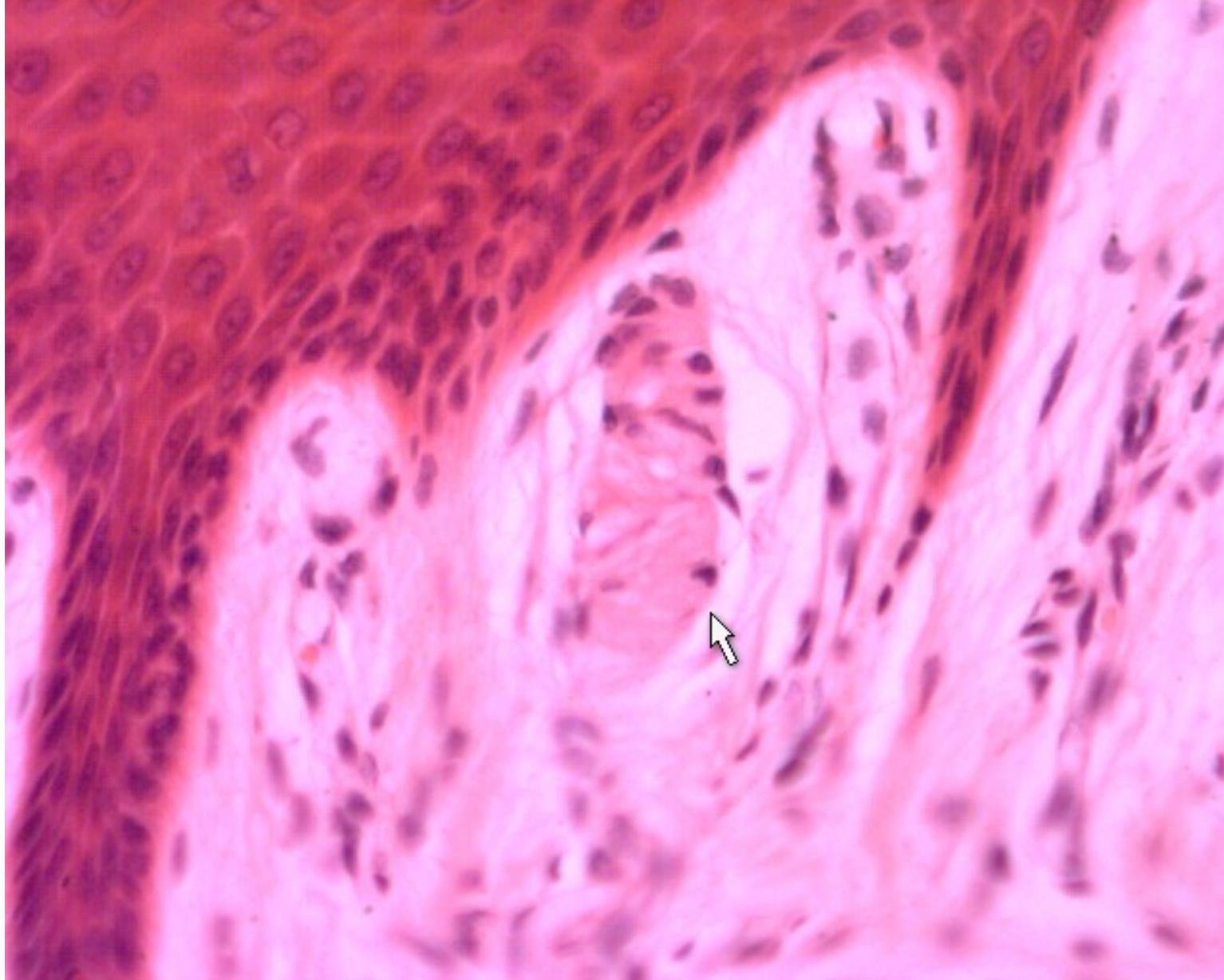
**myelinated nerve fiber**



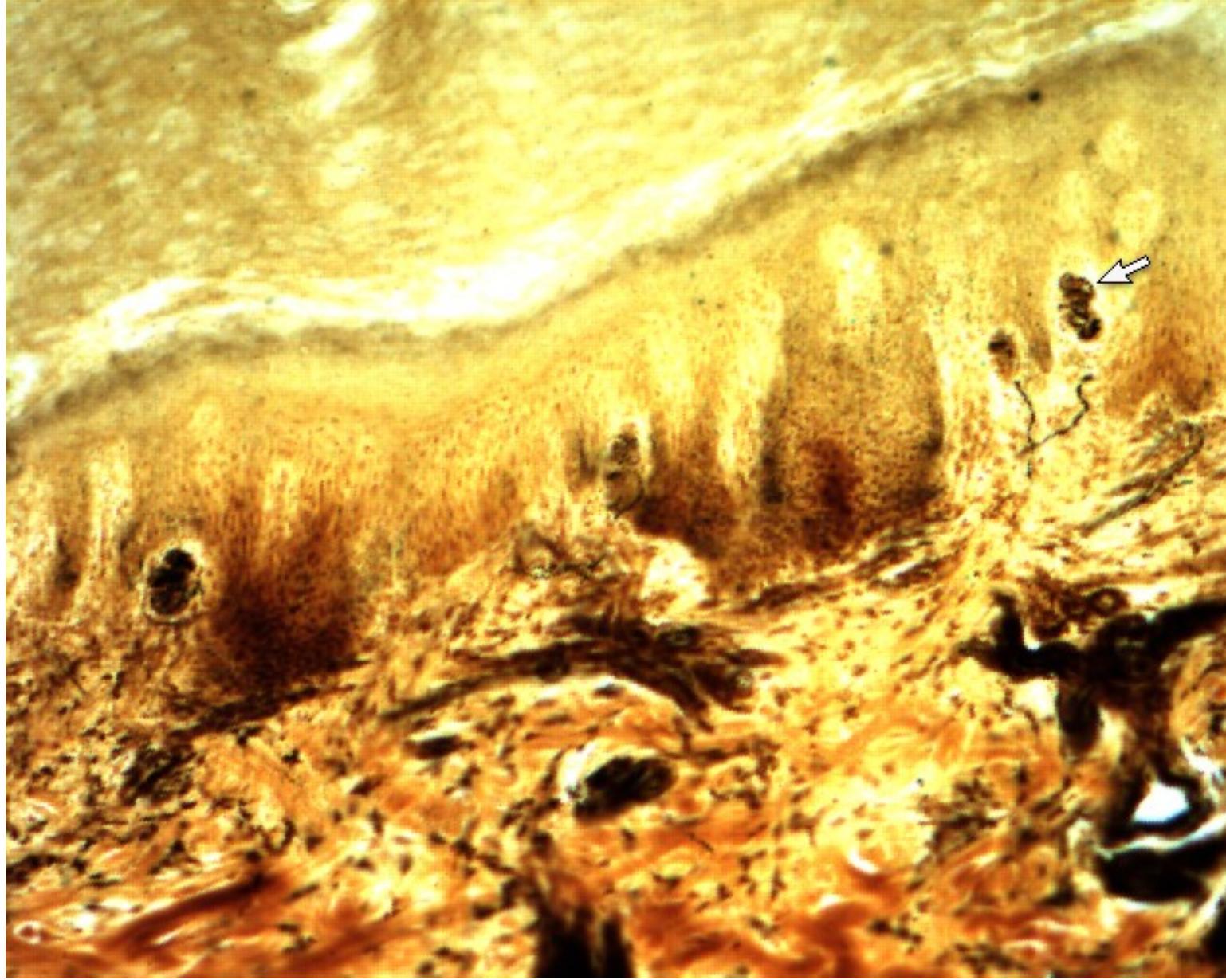
**Ranvier node**



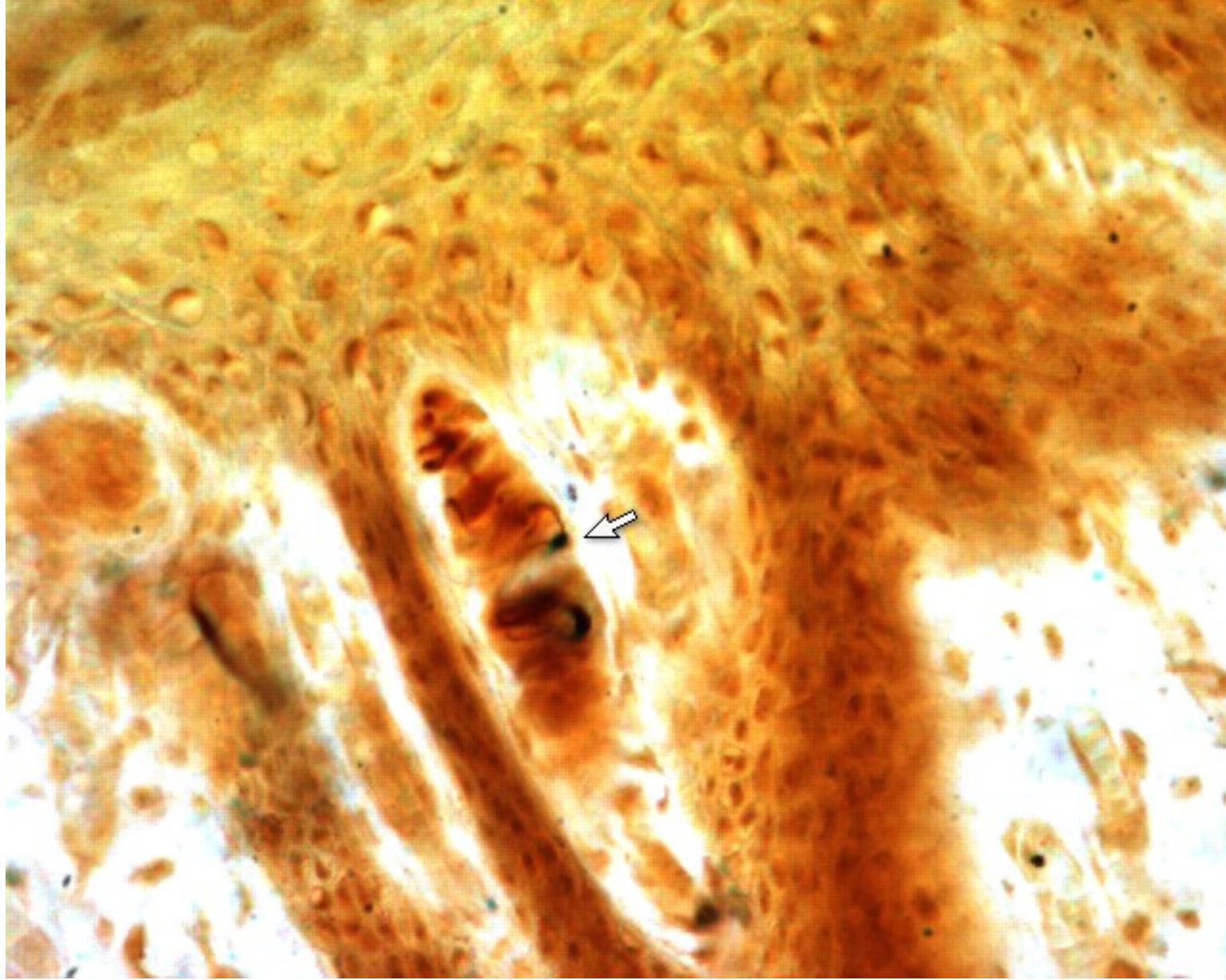
tactile corpuscle



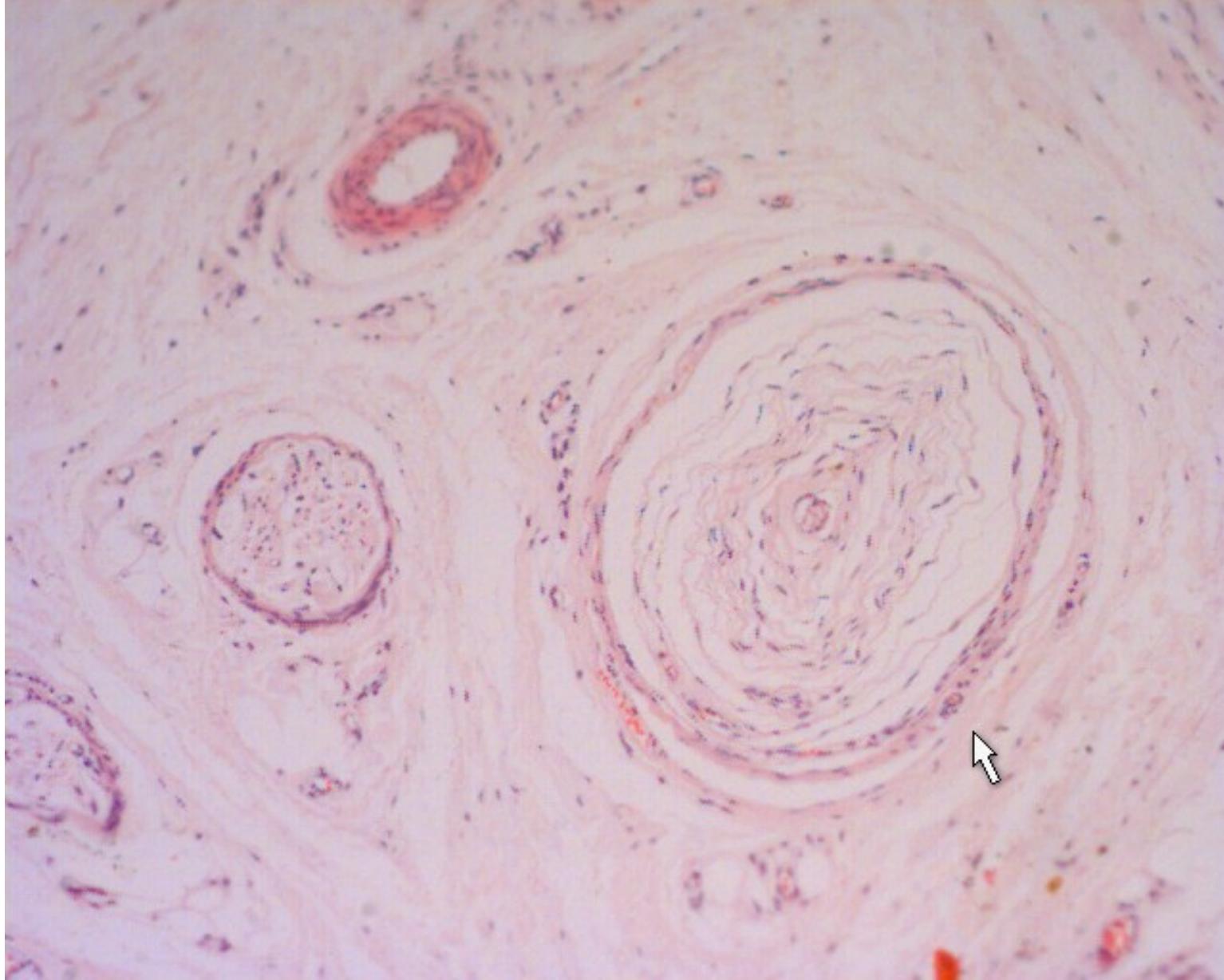
**tactile corpuscle**



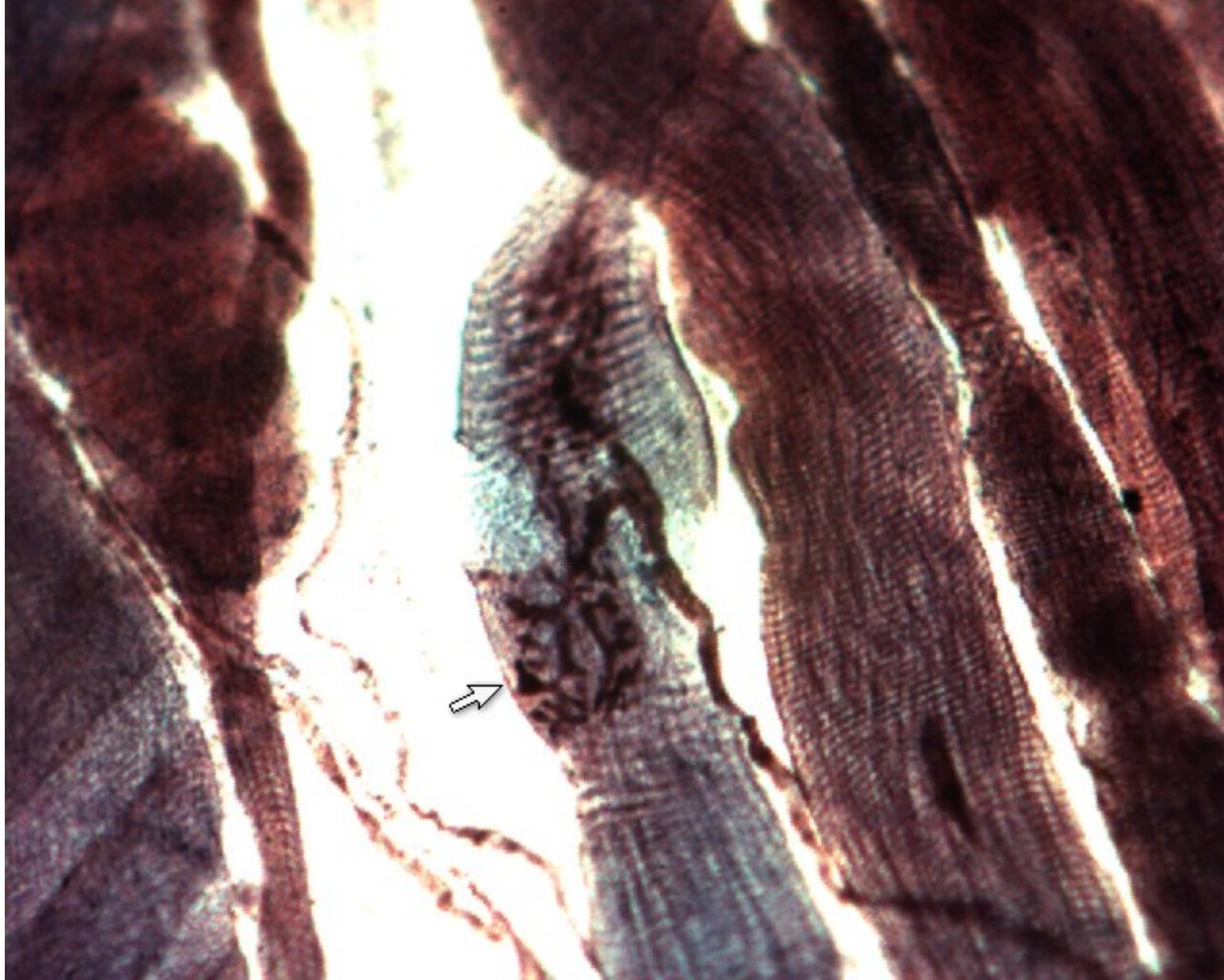
tactile corpuscle



Tactile corpuscle



**lamellar corpuscle**



**motor end plate**