

SC.BIOLOGICHE – I Anno - CORSO A  
**LABORATORIO CITOLOGIA-ISTOLOGIA**

Esercitazione n°6



- Il tessuto nervoso

## Epiteliale

Di rivestimento  
Sensoriale  
Ghiandolare

## Connettivo

Propriamente detto  
Sangue e tessuto linfoide  
Di sostegno

## Nervoso

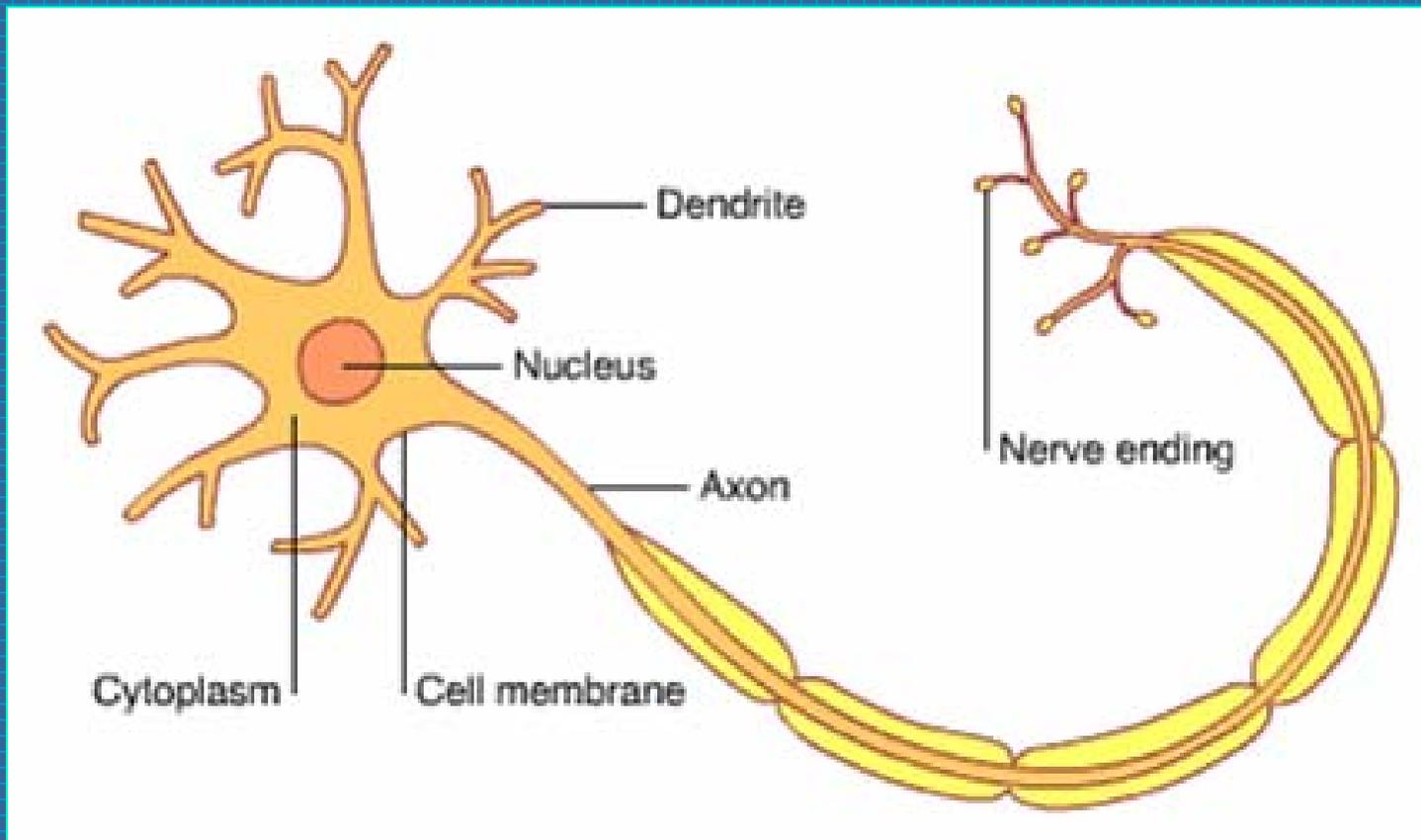
Sistema nervoso  
centrale  
Sistema nervoso  
periferico

## Muscolare

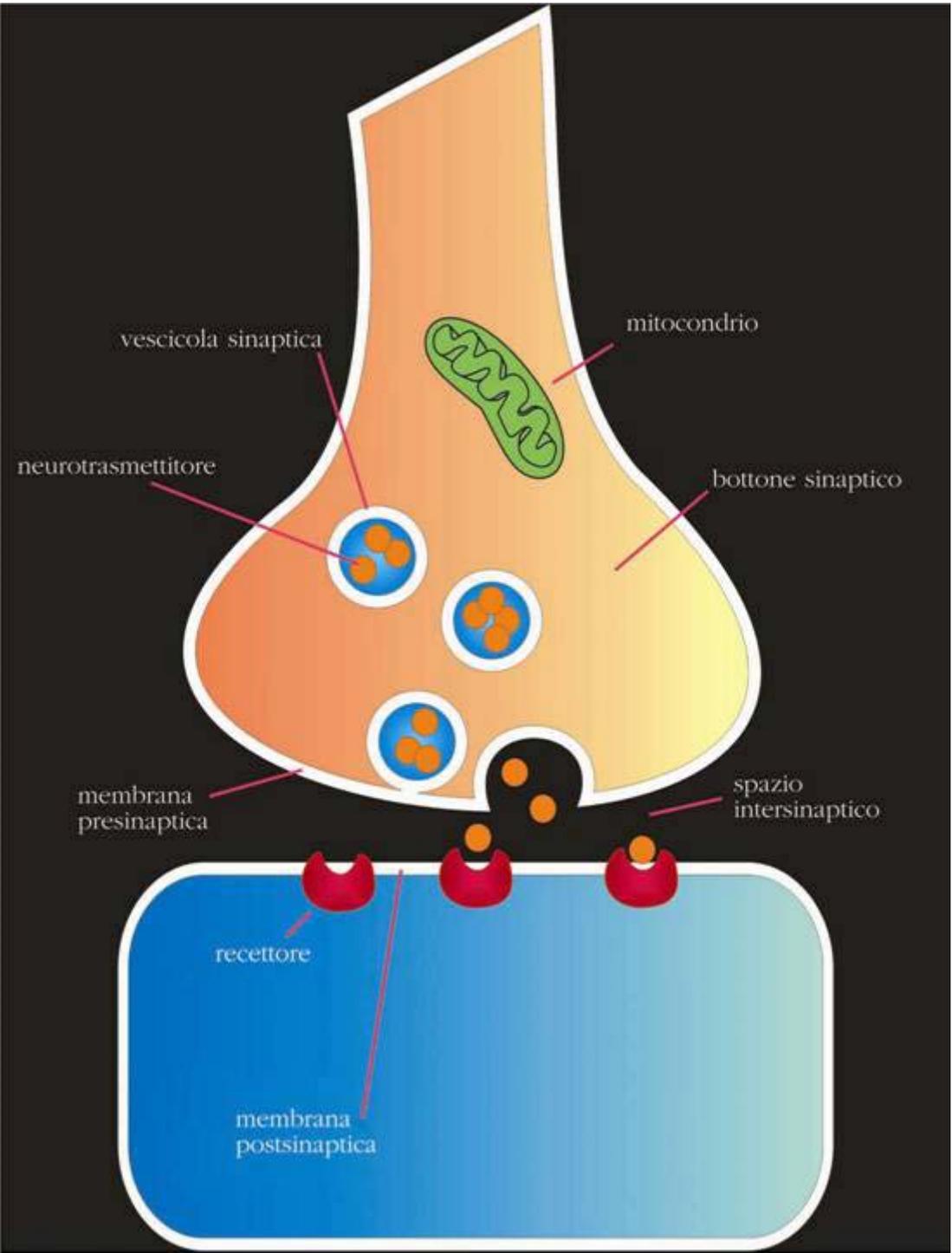
Liscio  
Striato scheletrico  
Striato cardiaco

## IL NEURONE

Può essere considerato l'unità morfologica e funzionale del tessuto nervoso. E' una cellula differenziata per generare, trasmettere e condurre l'impulso nervoso.

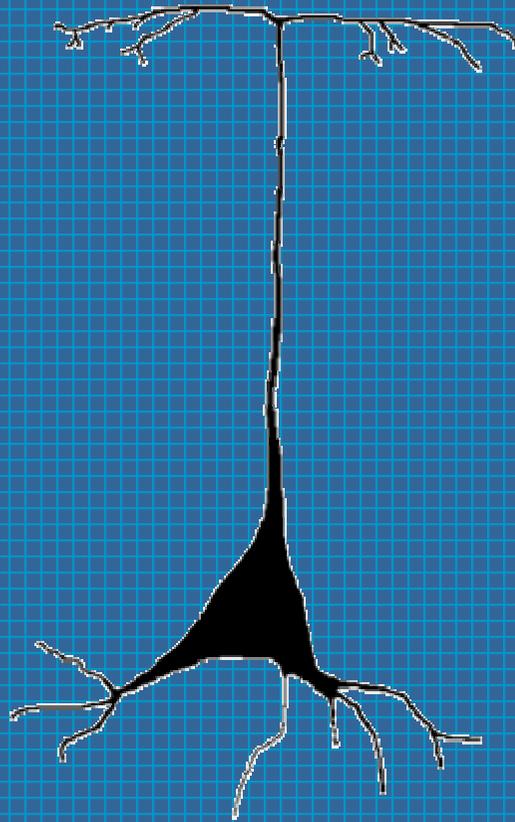


# Sinapsi chimica



Nel tessuto nervoso si distinguono diversi tipi cellulari:

**NEURONI**



**CELLULE GLIALI**

	<b>SISTEMA NERVOSO CENTRALE</b>	<b>SISTEMA NERVOSO PERIFERICO</b>
<b>GUAINA DEL PERICARION</b>	<b>ASTROCITI</b>	<b>CELLULE SATELLITI</b>
<b>GUAINA DELL' ASSONE</b>	<b>OLIGO-DENDROCITI</b>	<b>CELLULE DI SCHWANN</b>

# La guaina mielinica:

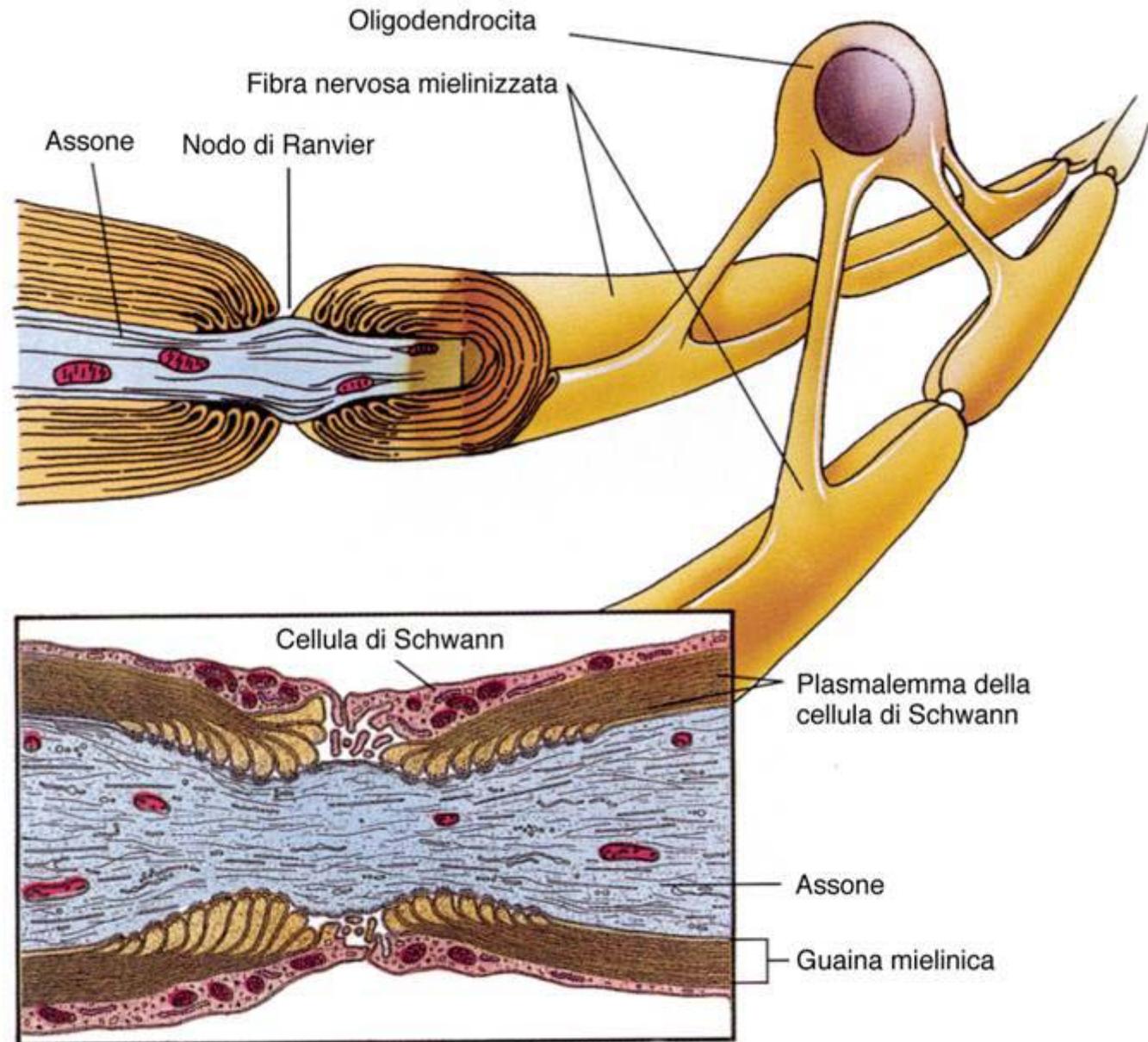
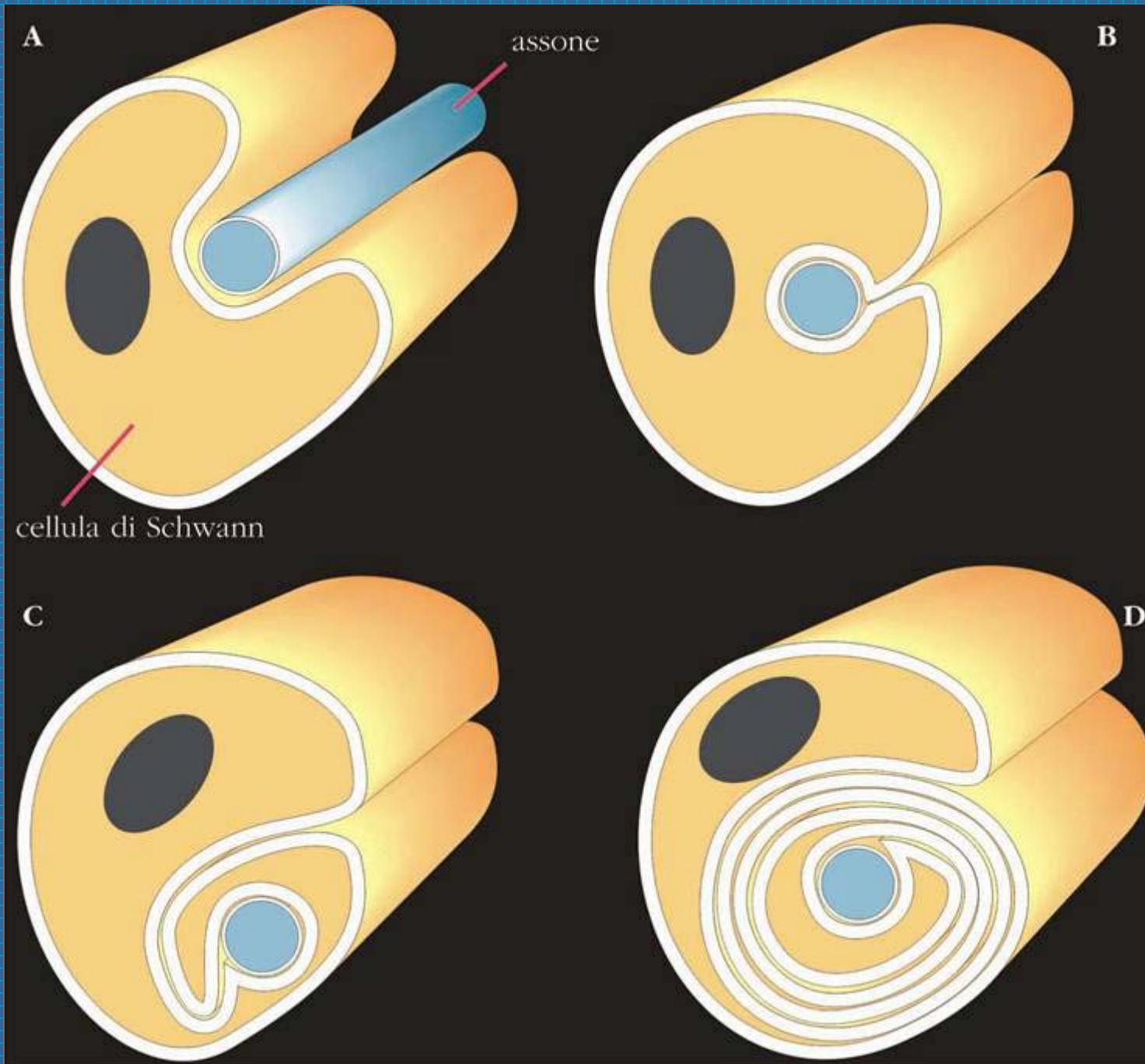
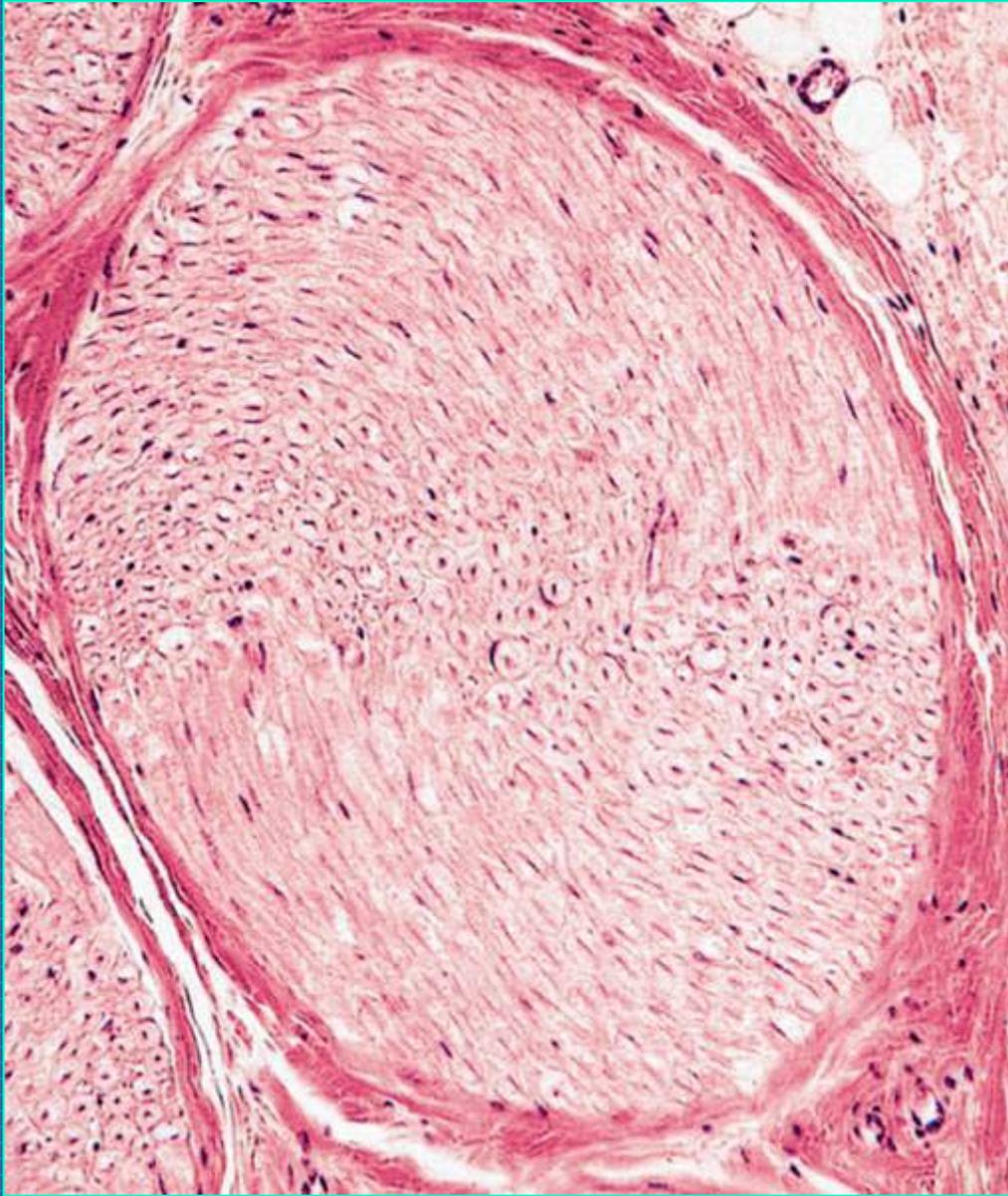


Figura 9-13





## Cellula di Schwann

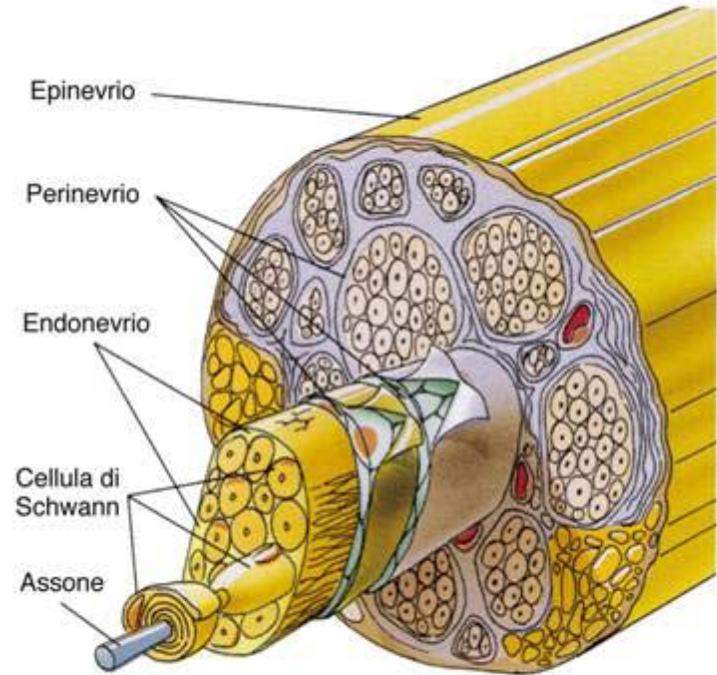
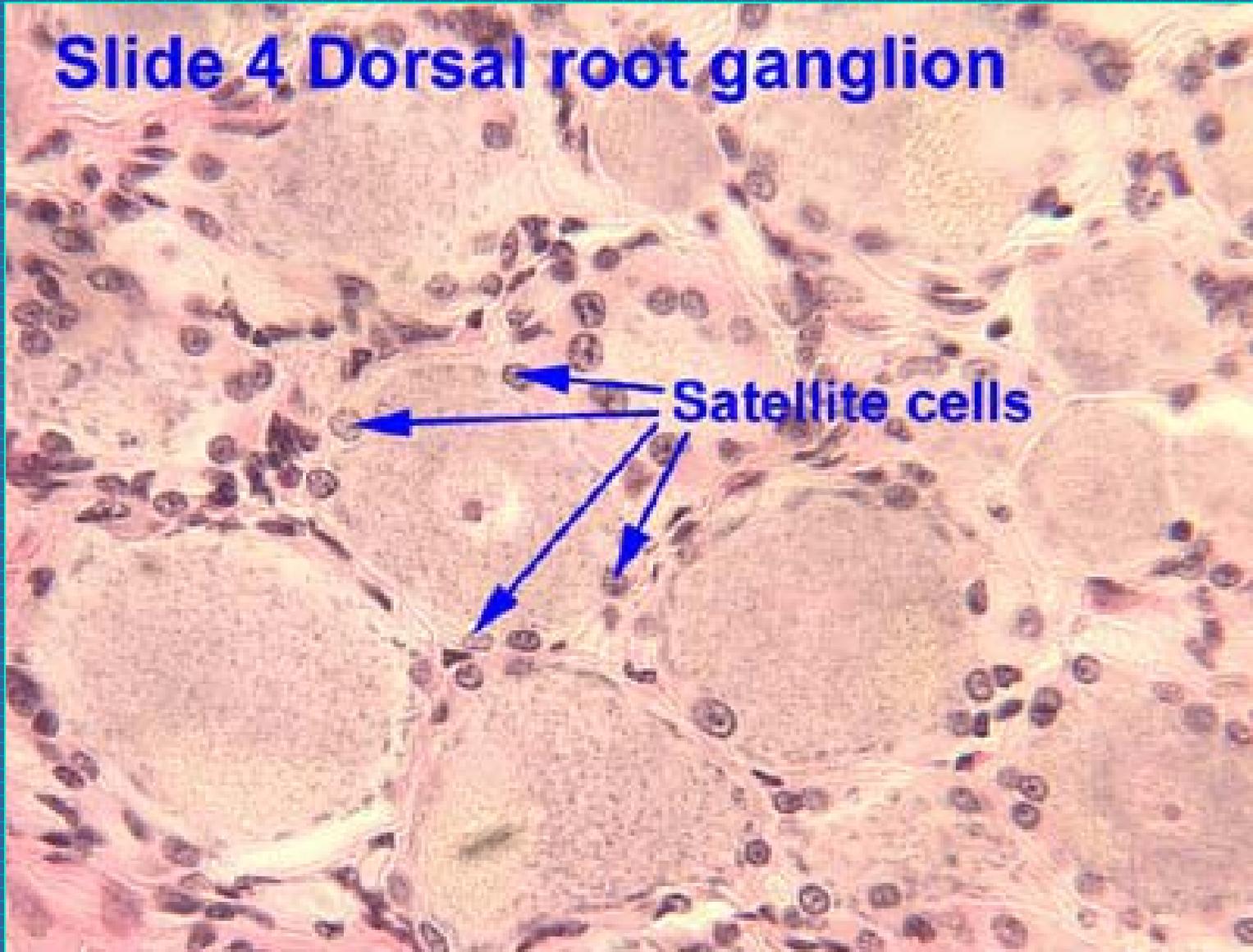


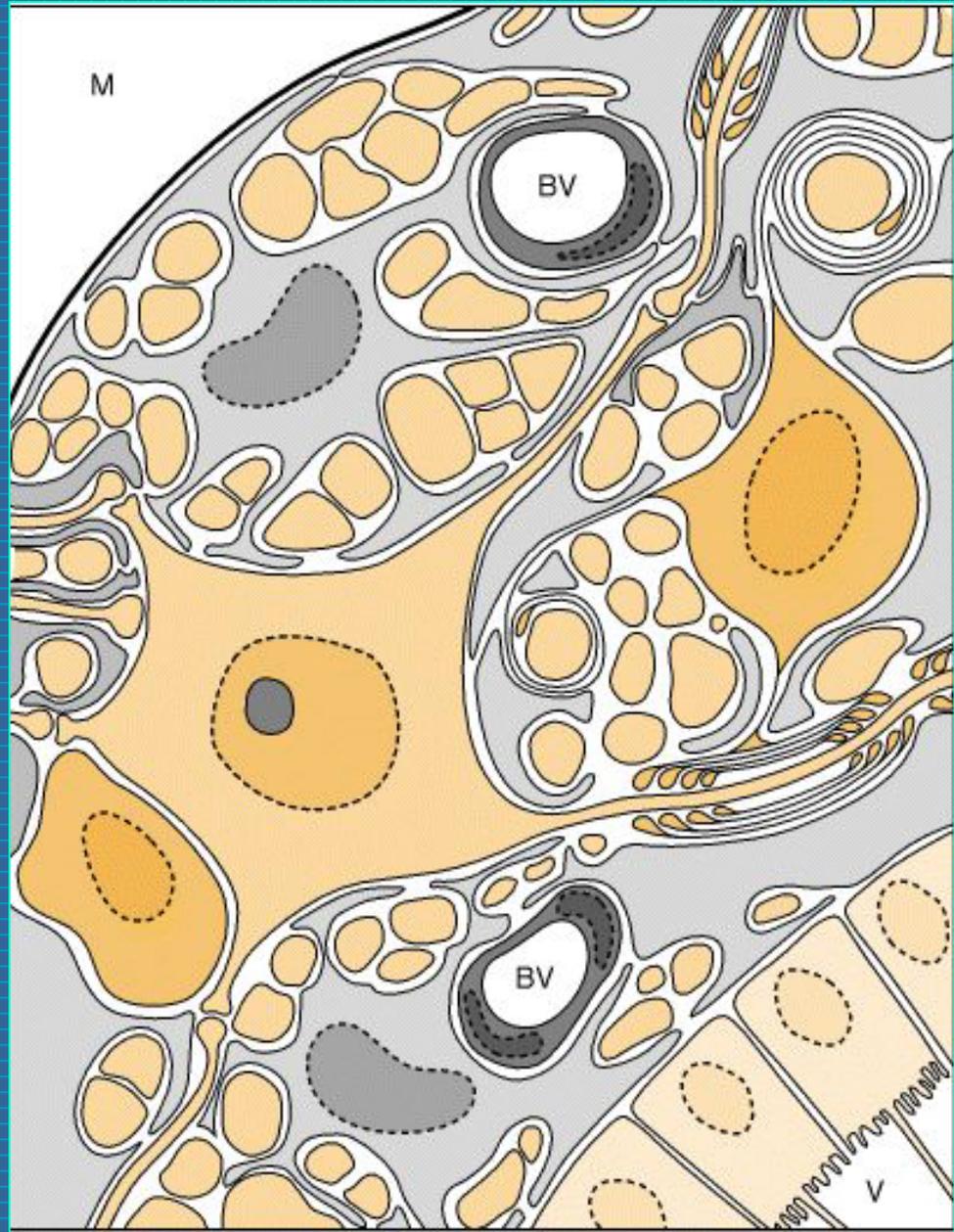
Figura 9-22

**Cellule satellite**

**Slide 4 Dorsal root ganglion**

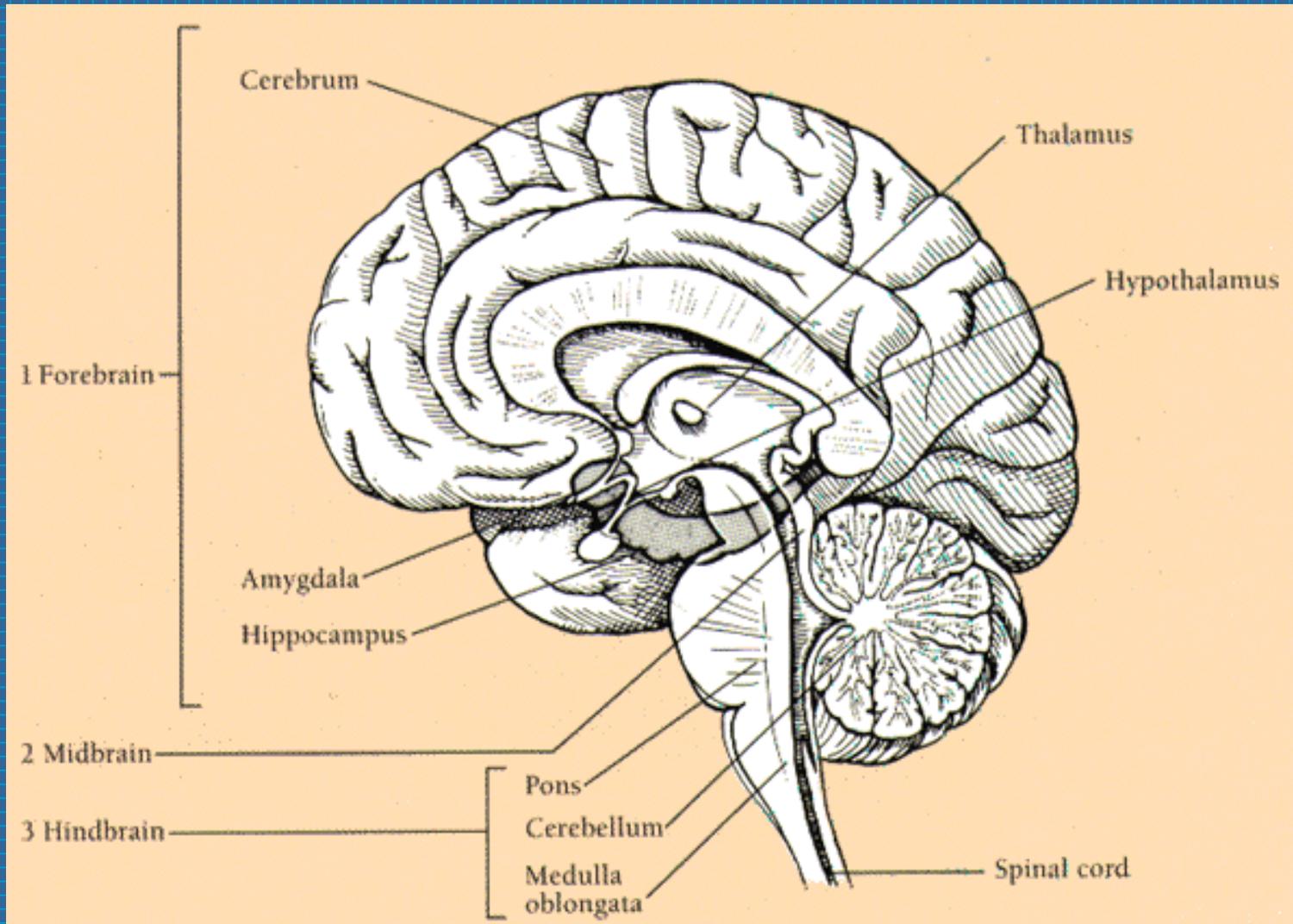


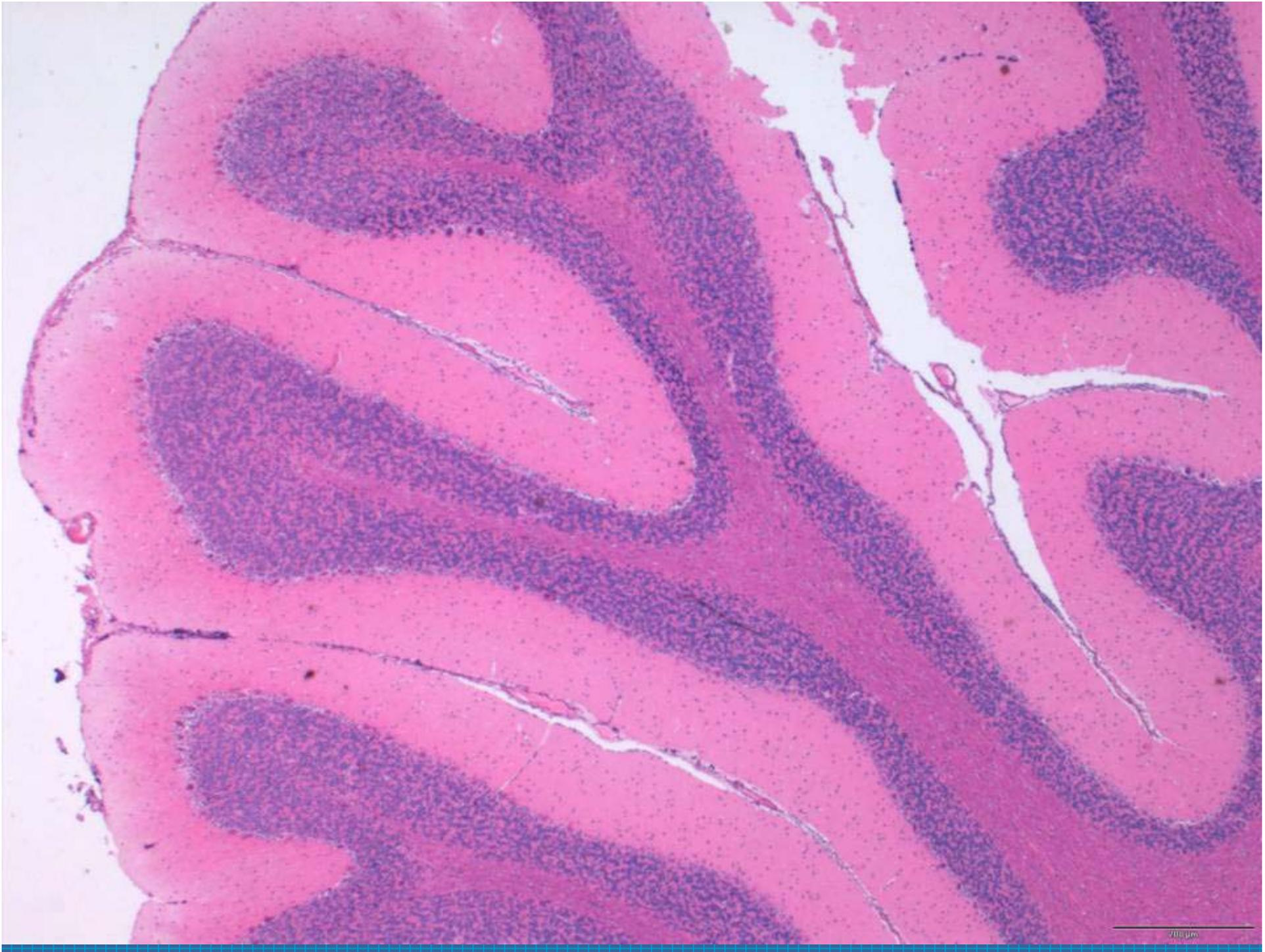
- Neuron and neurites
- Oligodendroglia
- Endothelium
- Astroglia
- Ependyma



Cervelletto di mammifero colorato con  
ematossilina eosina.

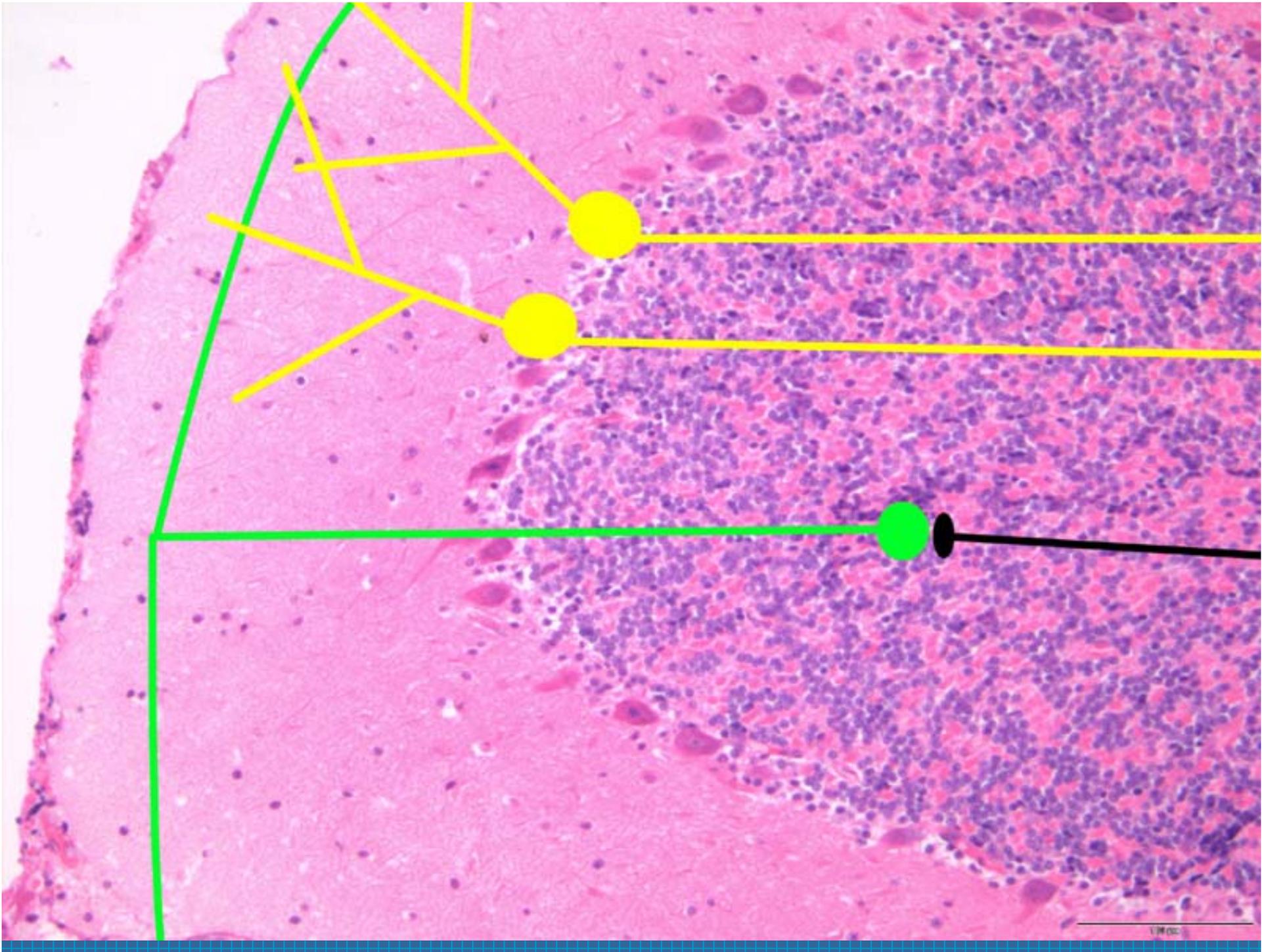
# Il cervelletto

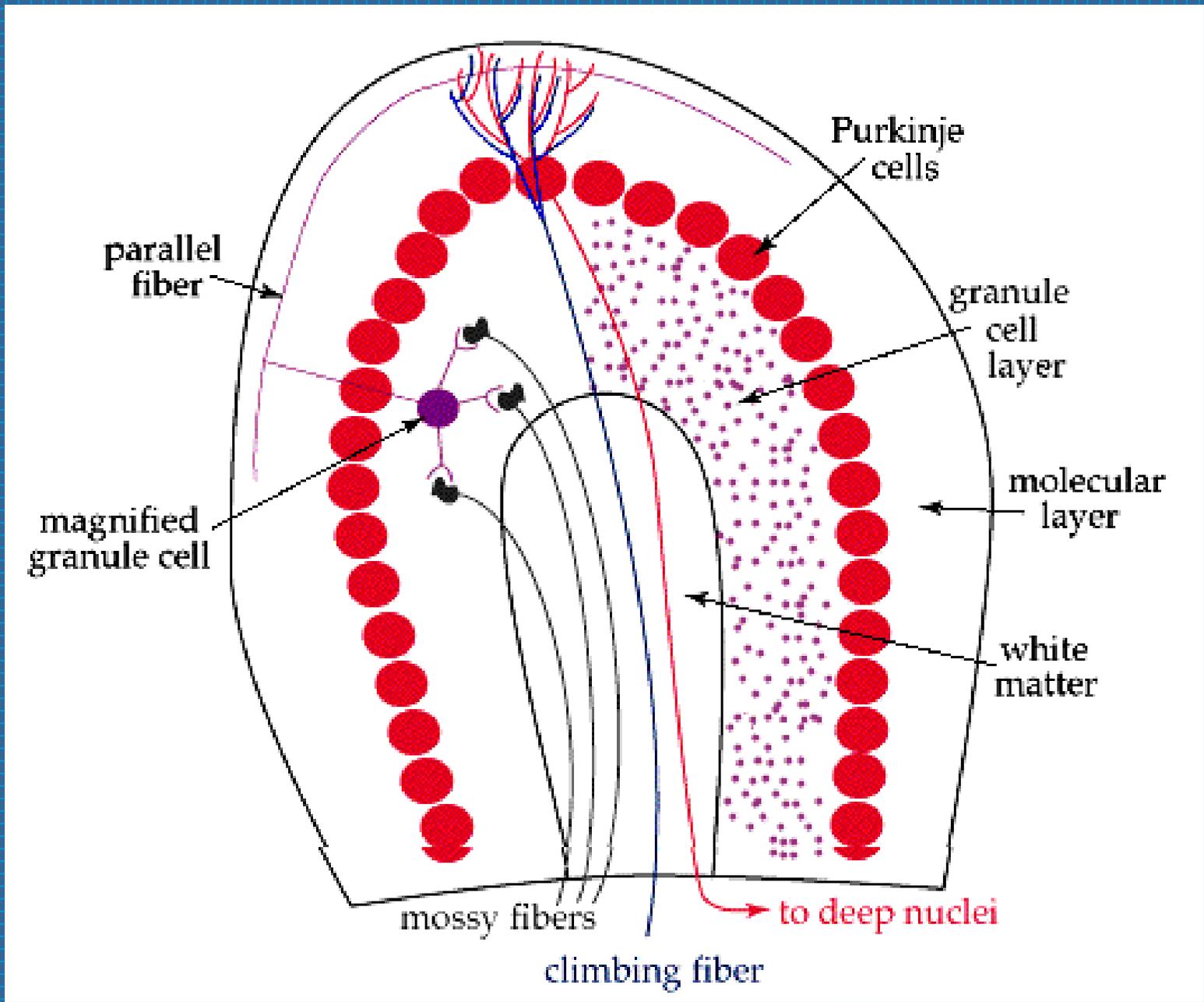


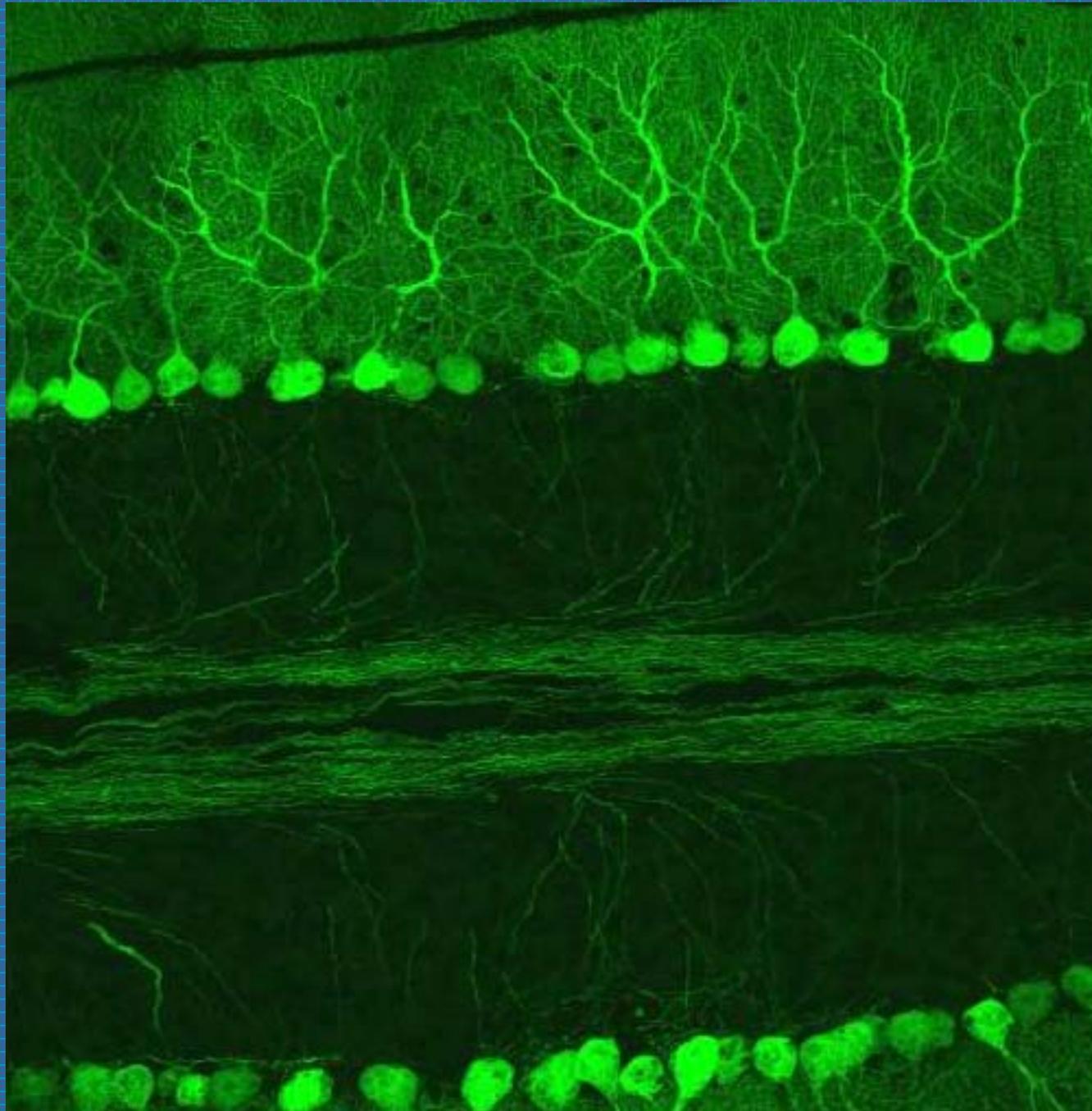


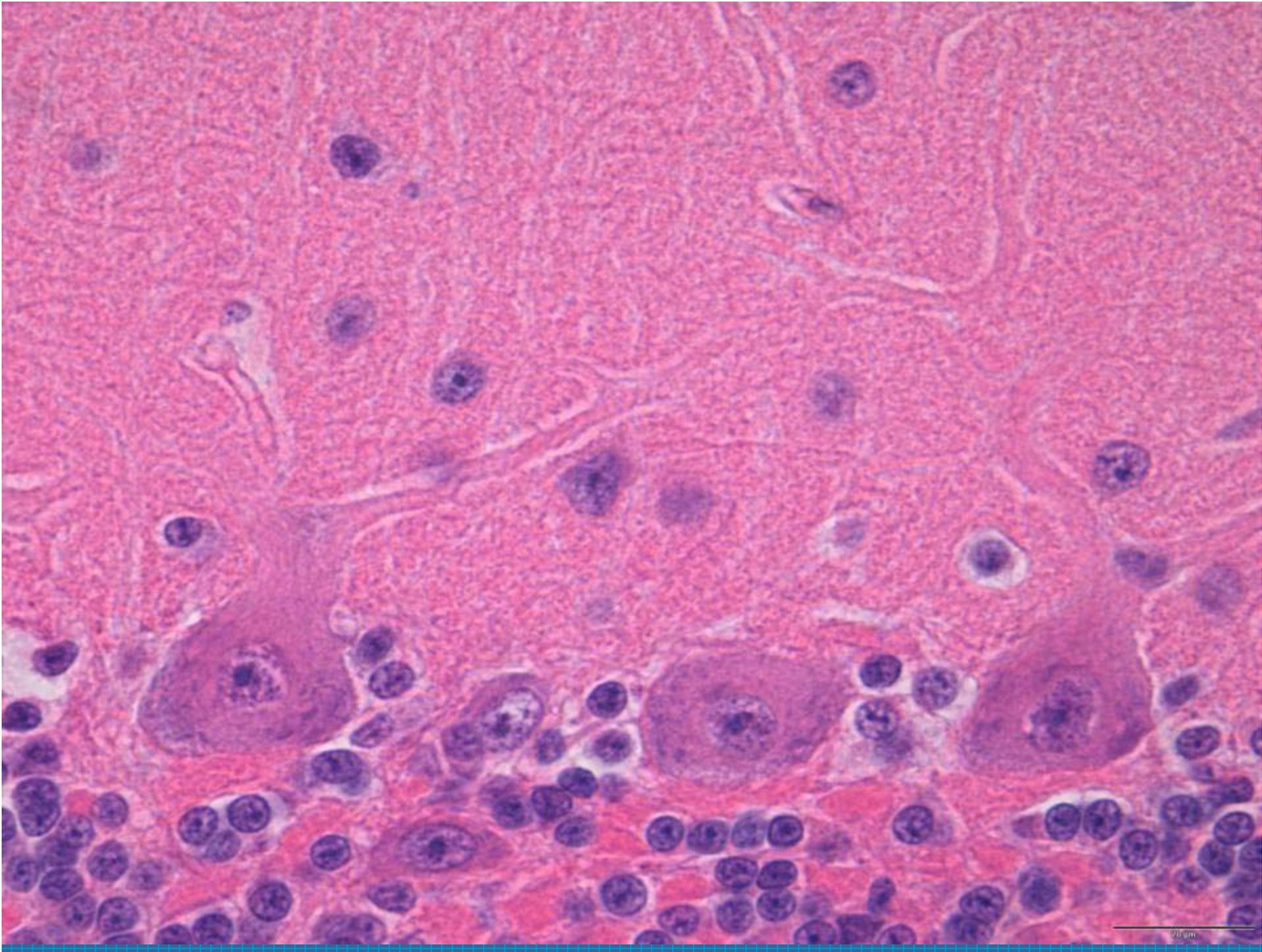
...le meningi

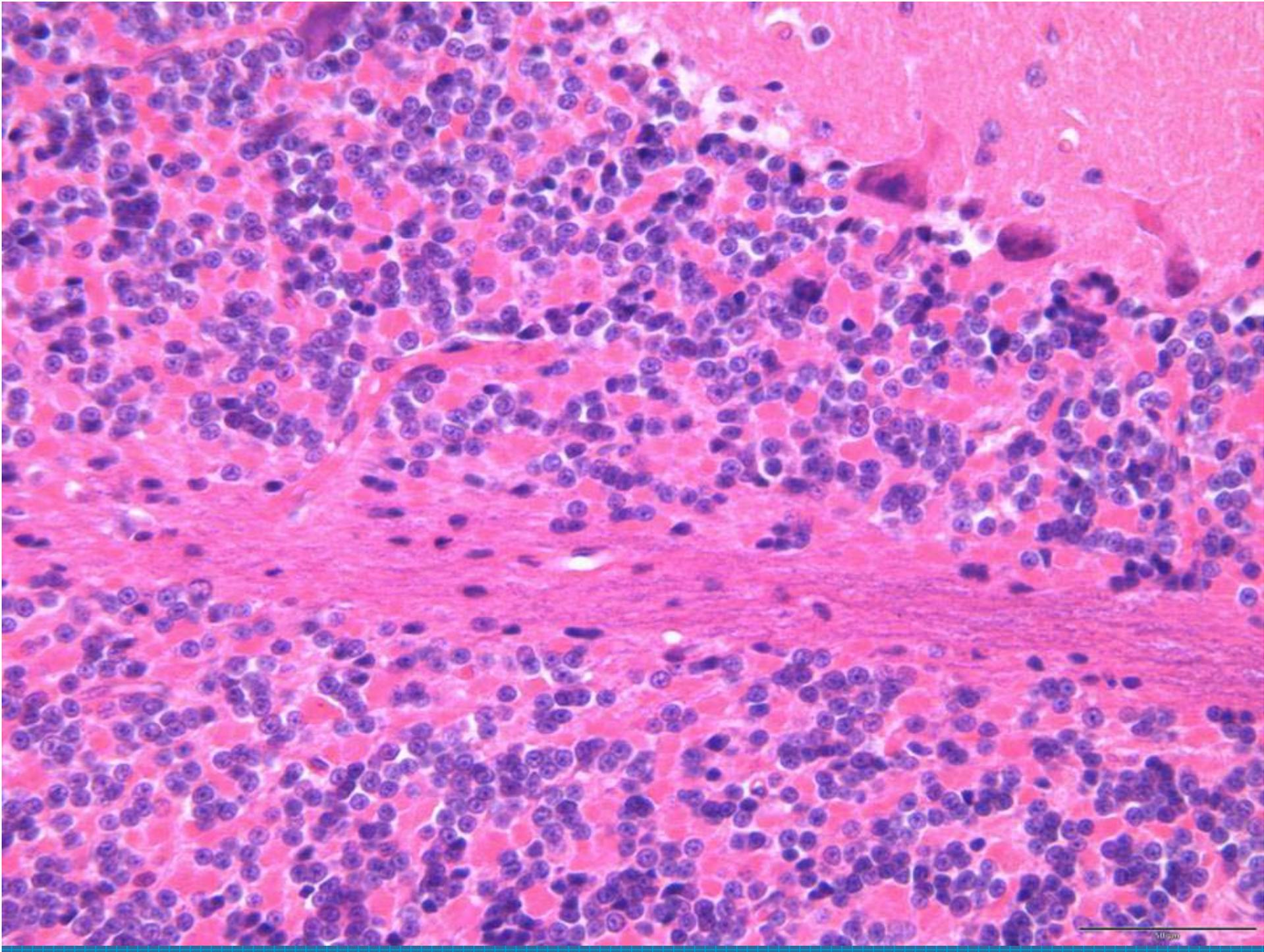








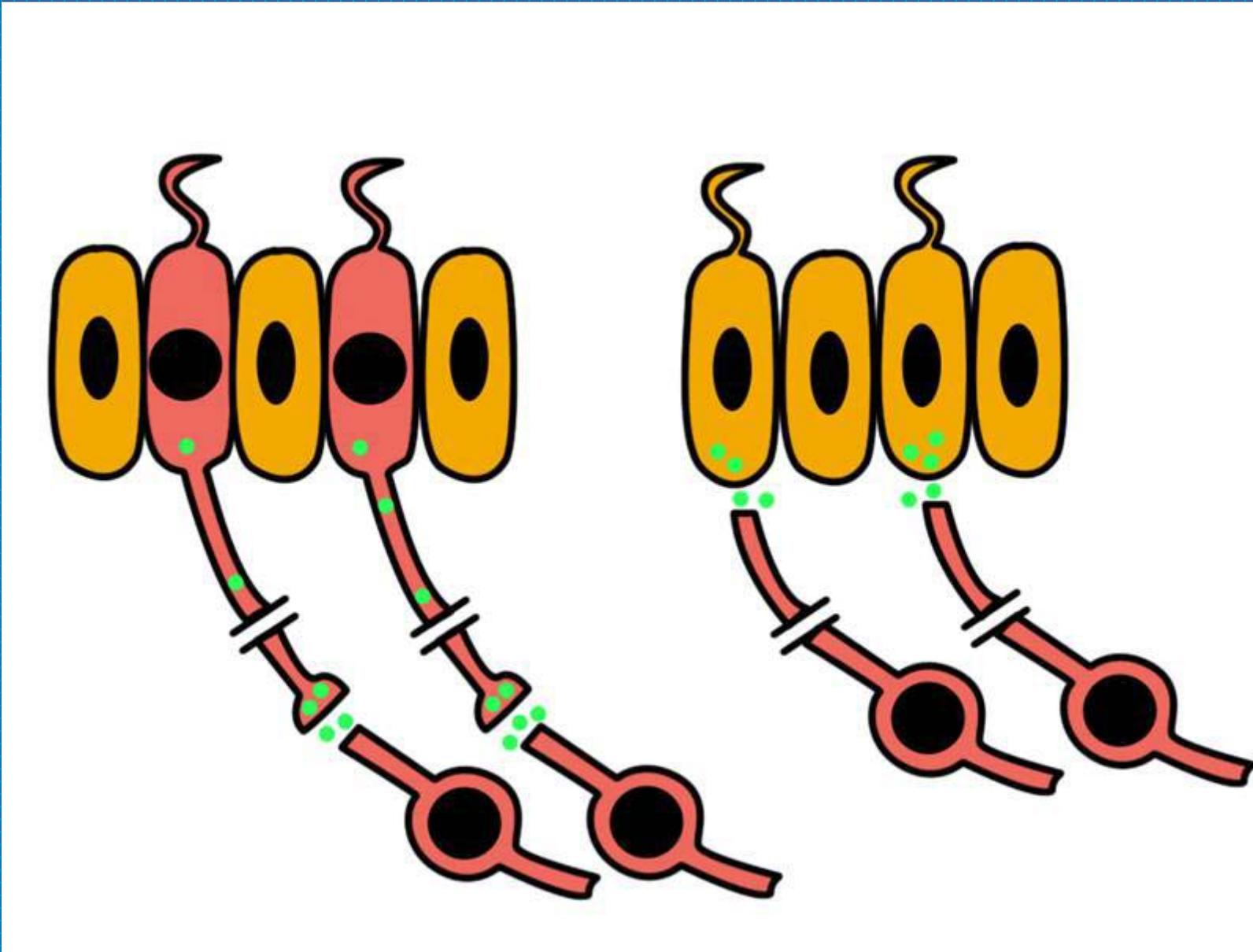


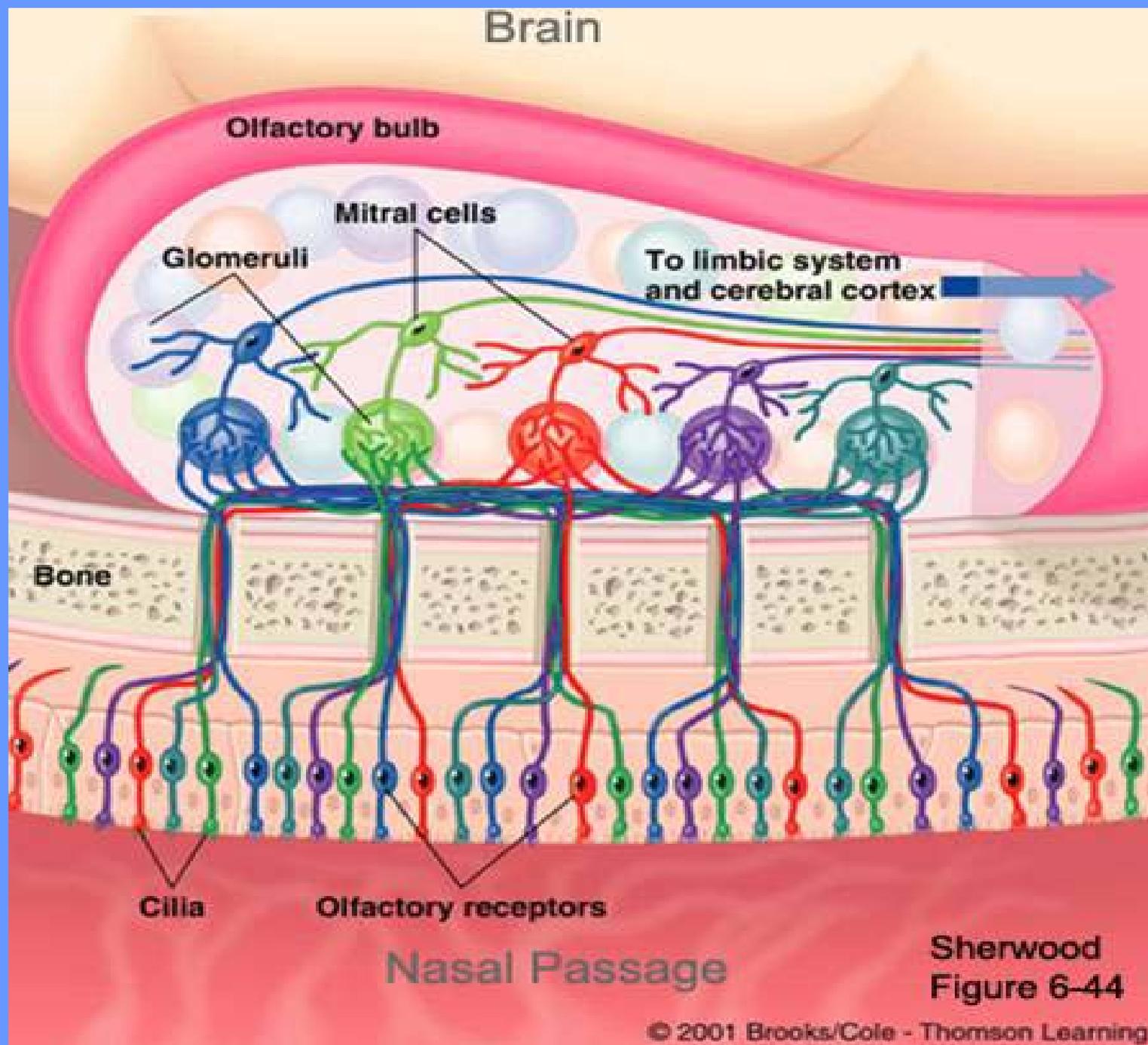


Organo olfattivo di pesce cartilagineo  
colorato con ematossilina eosina.



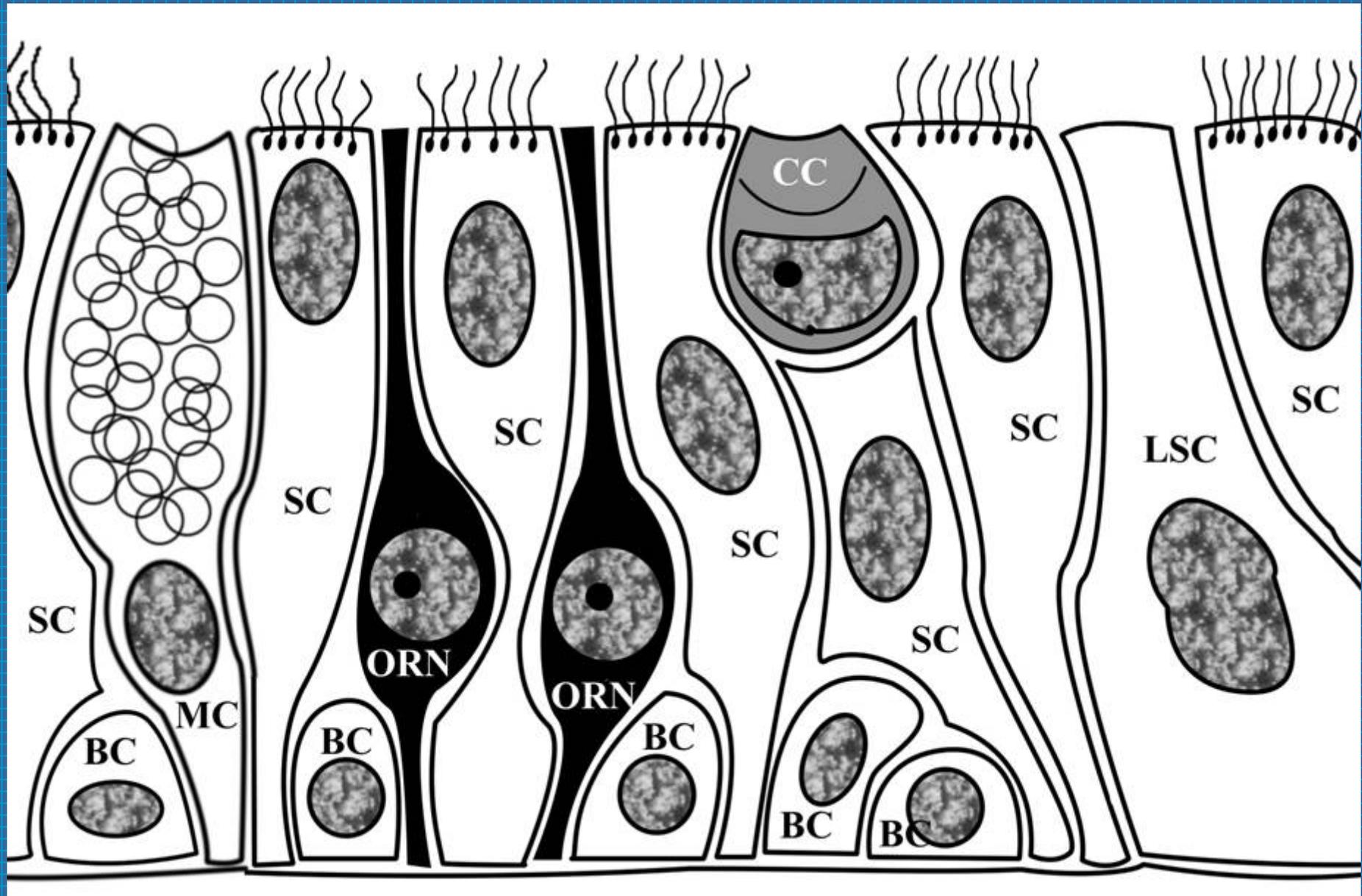
# Epiteli sensoriali primari e secondari

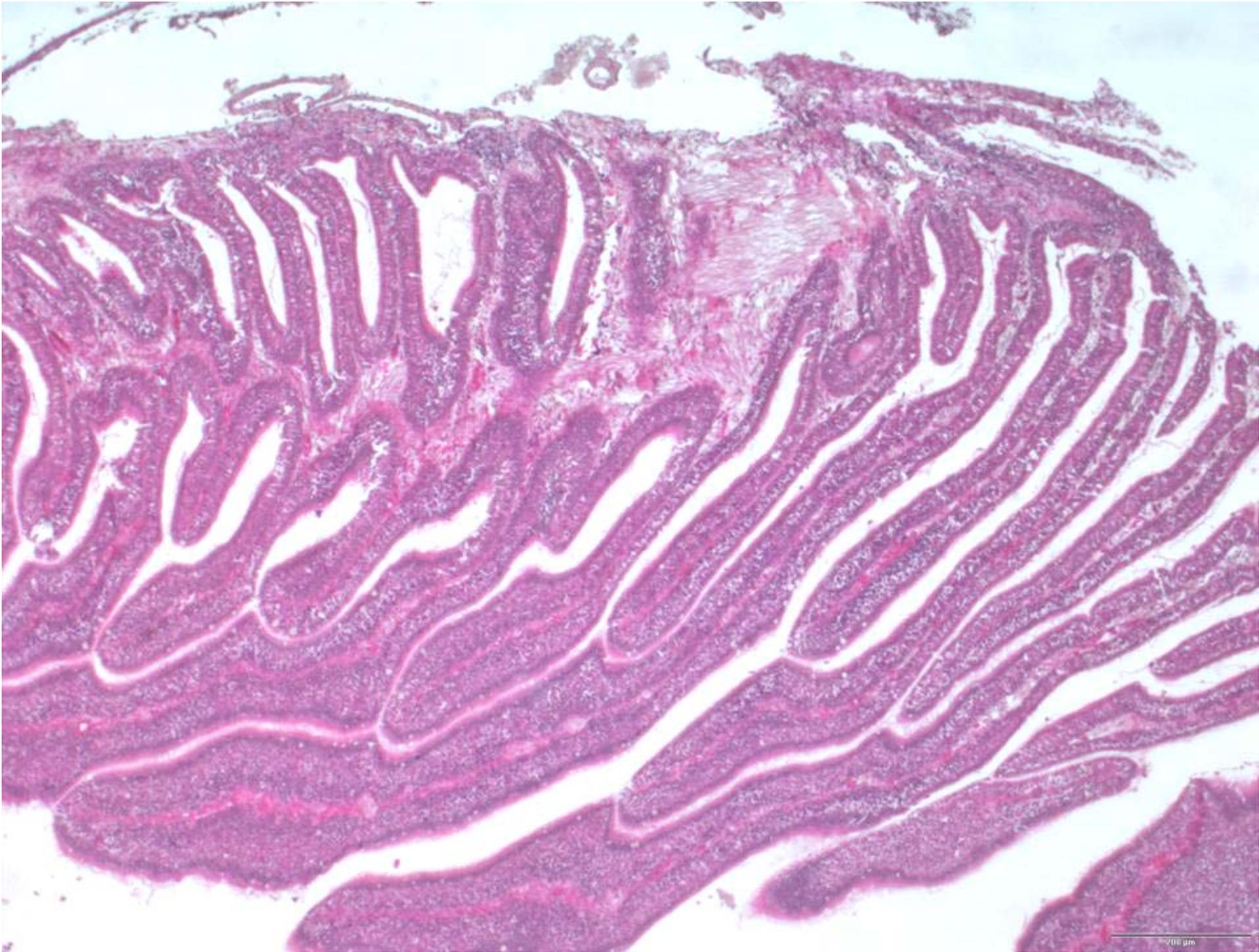




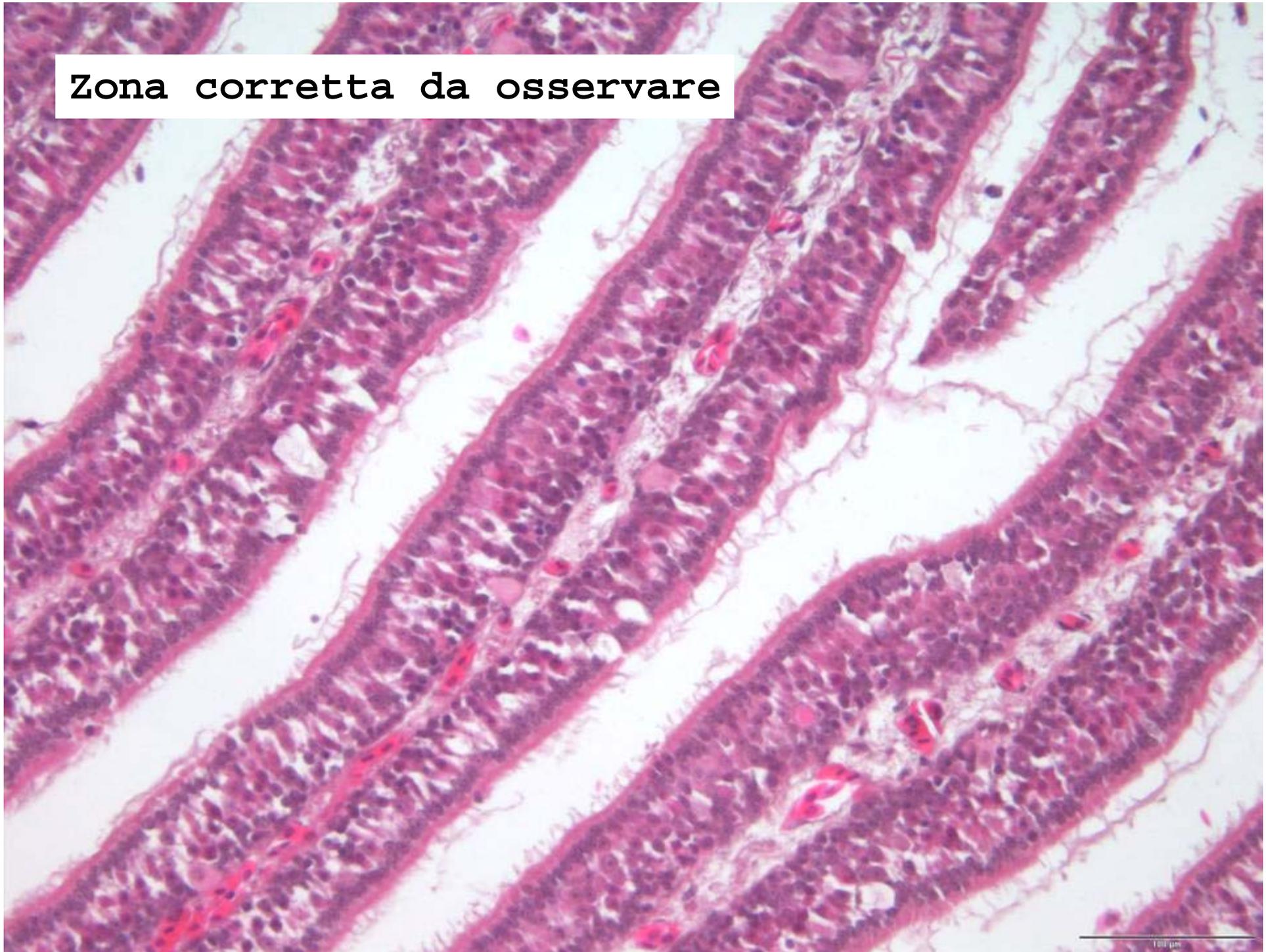
Sherwood  
Figure 6-44

SC=cellula di sostegno; ORN=neurone recettore olfattivo;  
BC=cellula basale; MC=cellula mucosa; CC=cellula cripta;  
LSC=cellula a scambio ionico

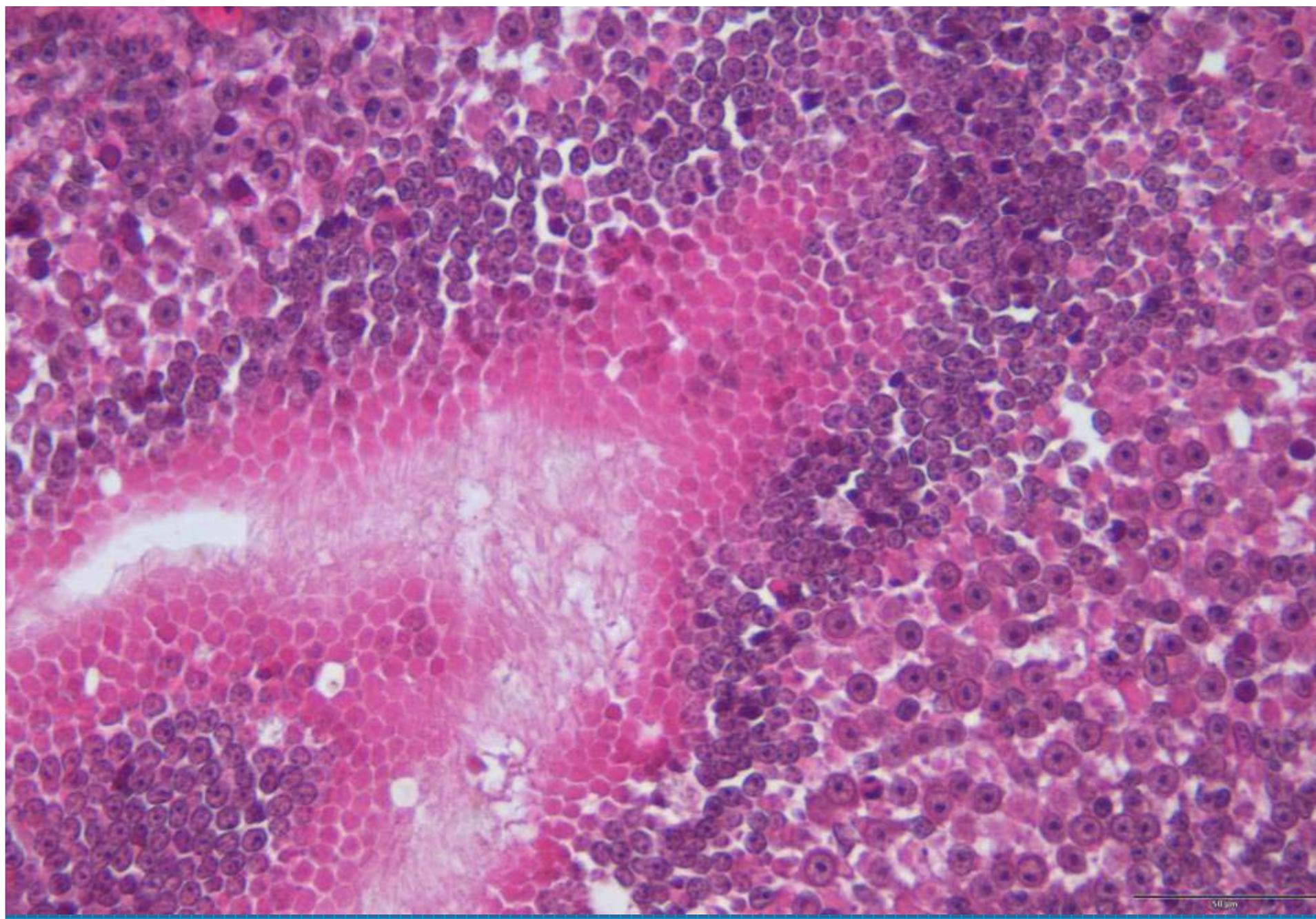




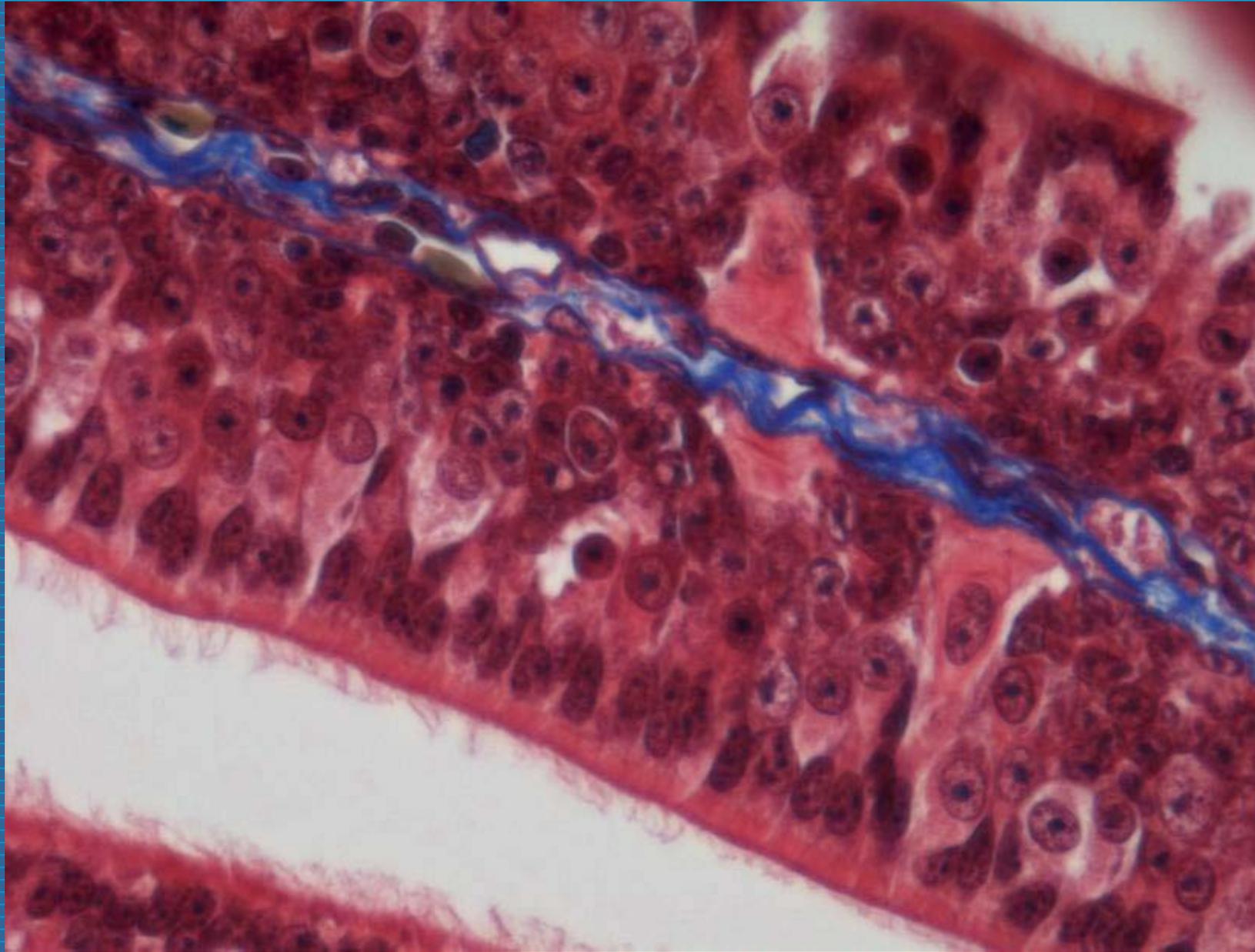
**Zona corretta da osservare**



Zona con piano di taglio tangenziale all'epitelio







Stesso organo con tricromica di Masson



mitosi

