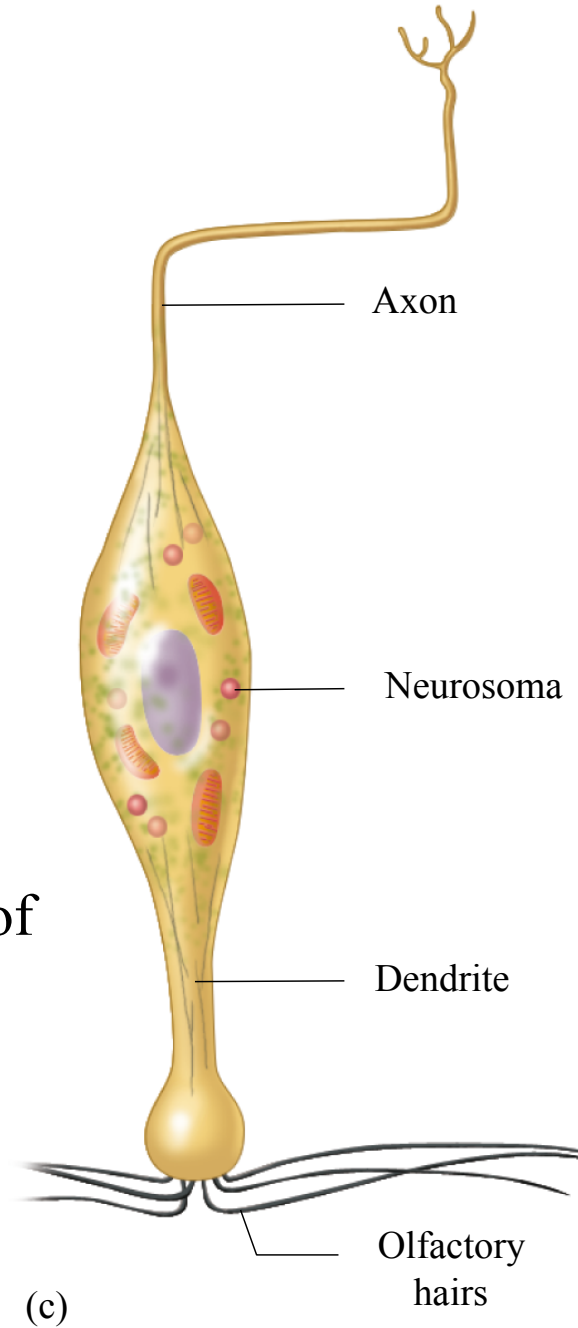


Unit III

Somatic & Special Senses

Fig 16.7c

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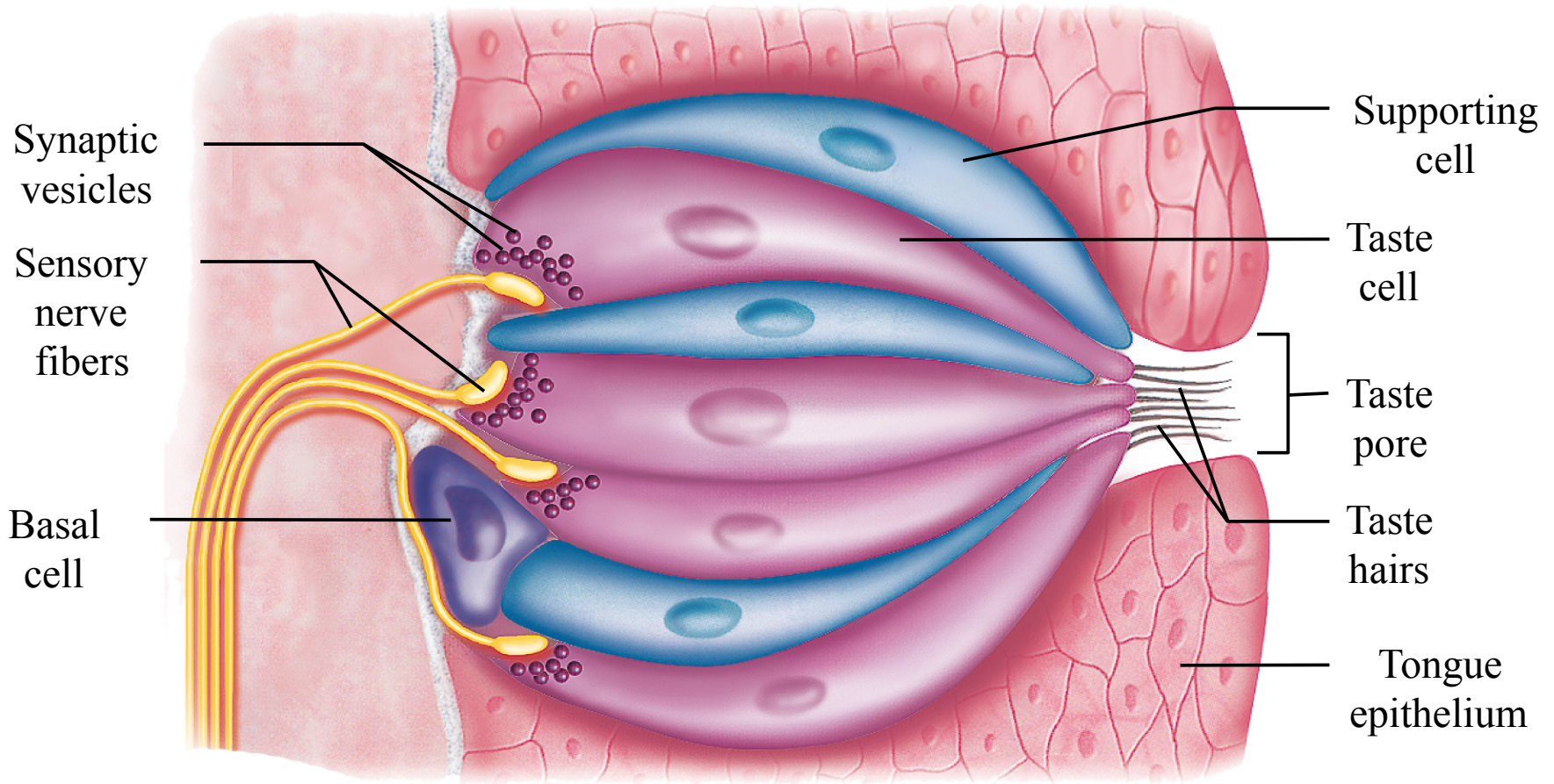
The receptor is the dendrite of the sensory neuron

(c)

Fig 16.6d

Separate Cell: the receptor is a separate cell from the sensory neuron

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(d) Taste bud

Fig. 16.1

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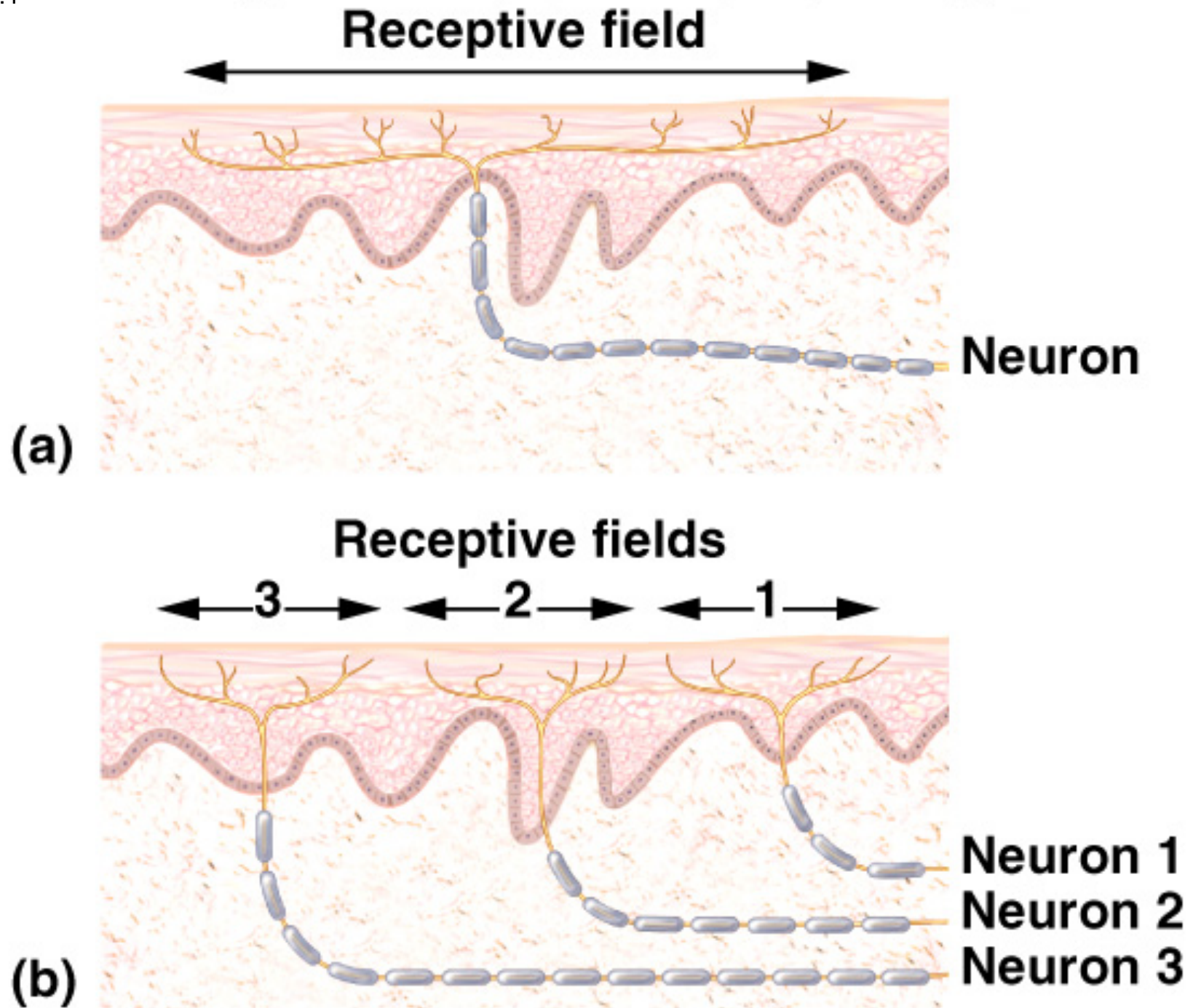


Fig. 16.2

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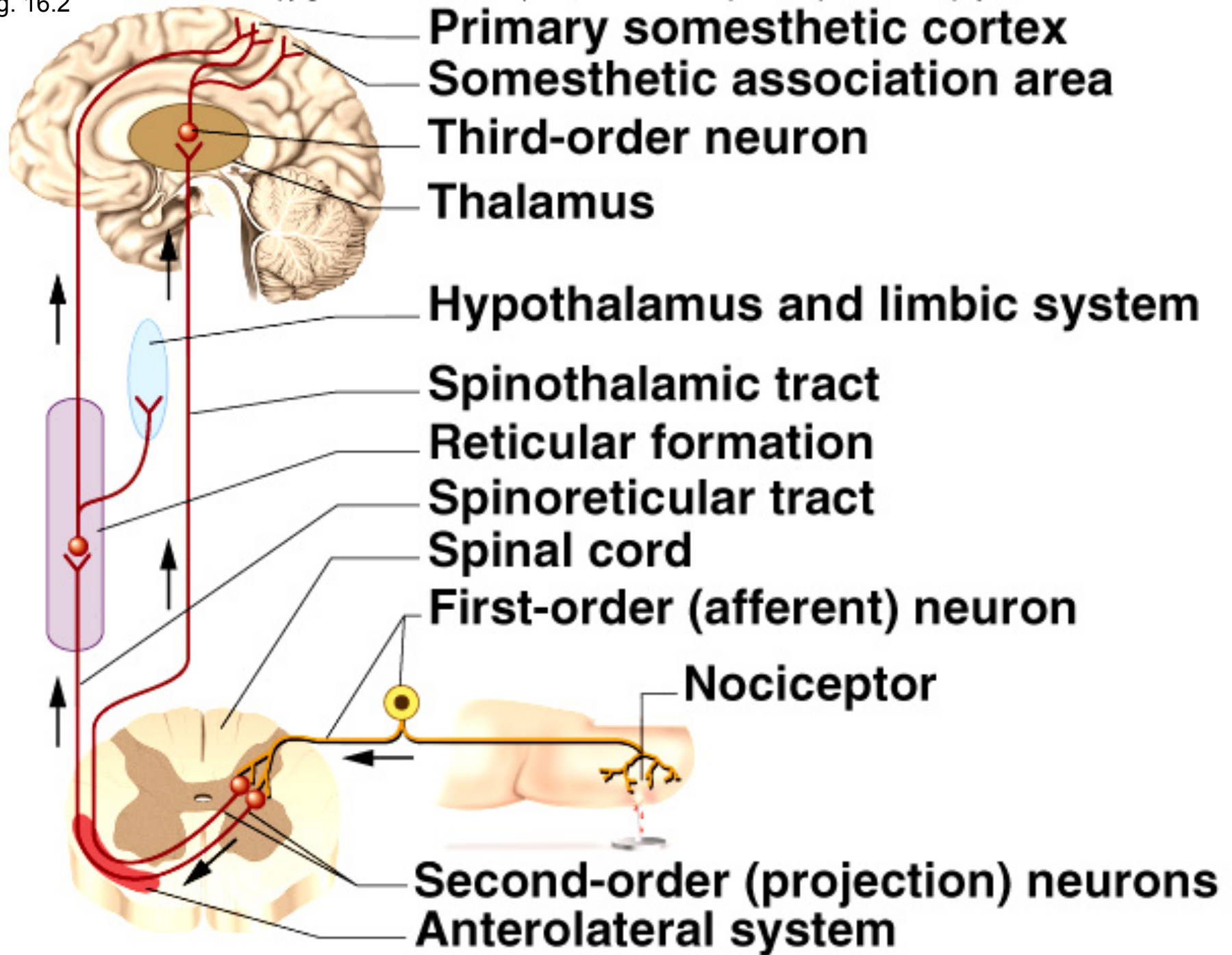
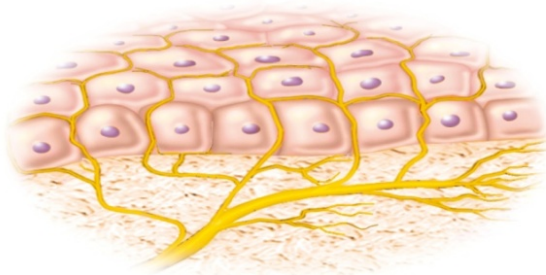
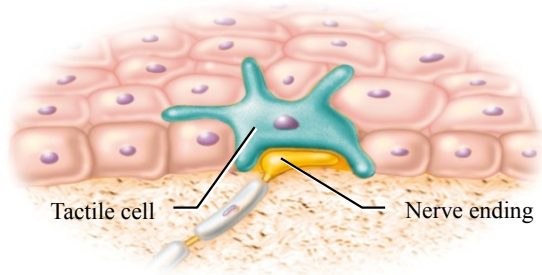


Fig 16.2

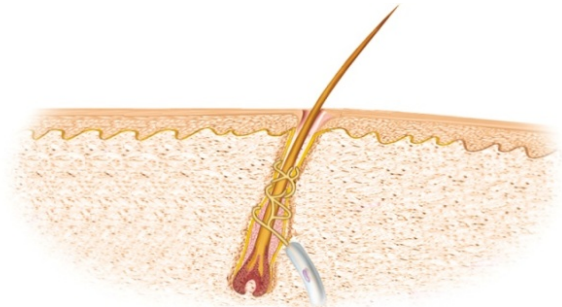
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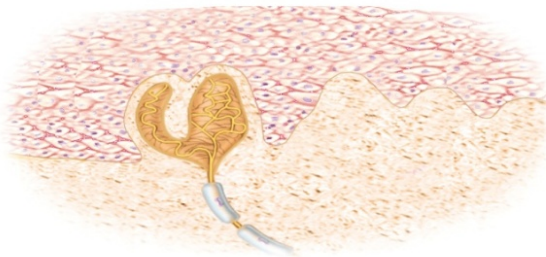
Free nerve endings



Tactile disc



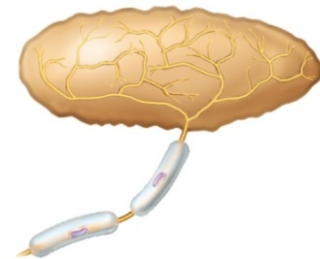
Hair receptor



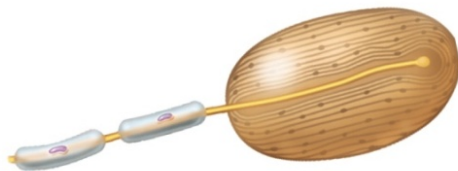
Tactile corpuscle



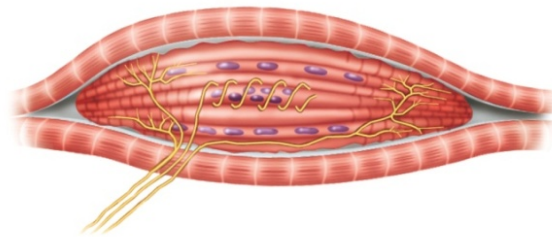
End bulb



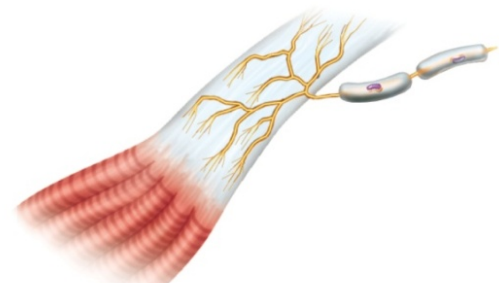
Bulbous corpuscle



Lamellar corpuscle

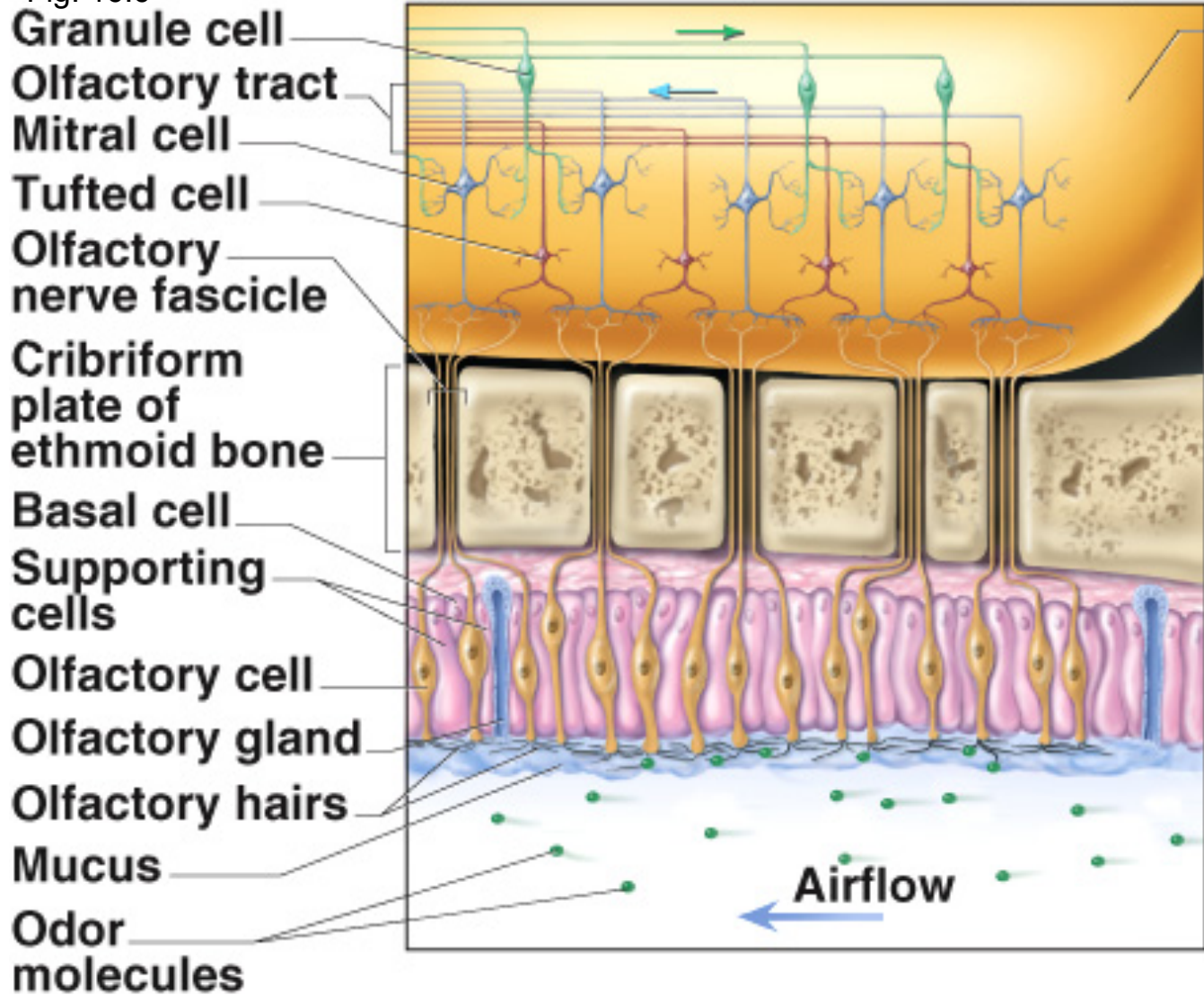


Muscle spindle

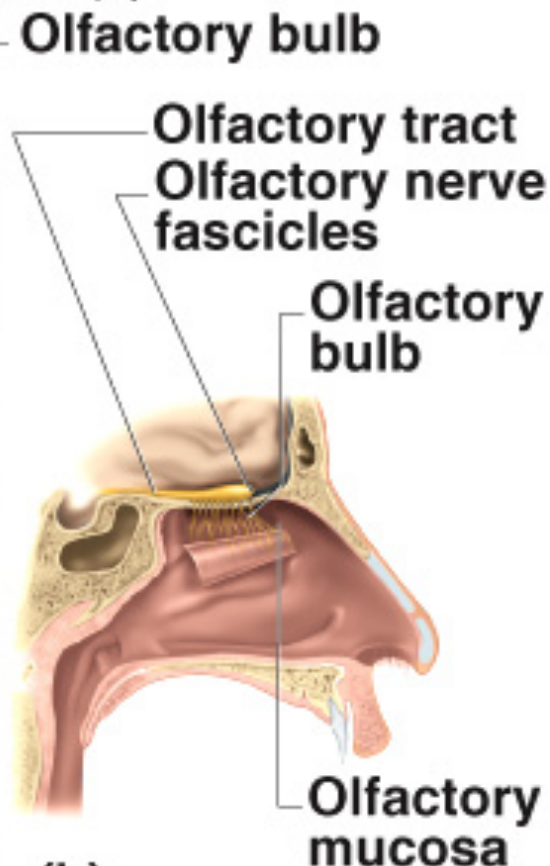


Tendon organ

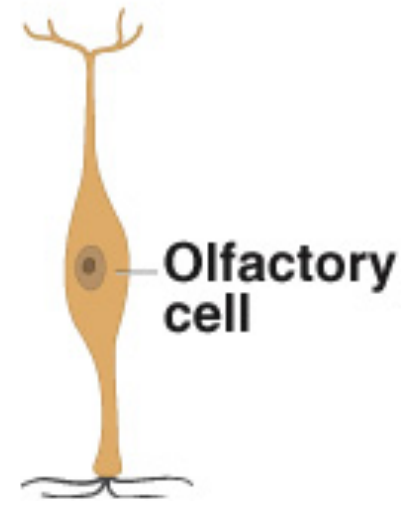
Fig. 16.6



(a)



(b)



(c)

Fig.16.01

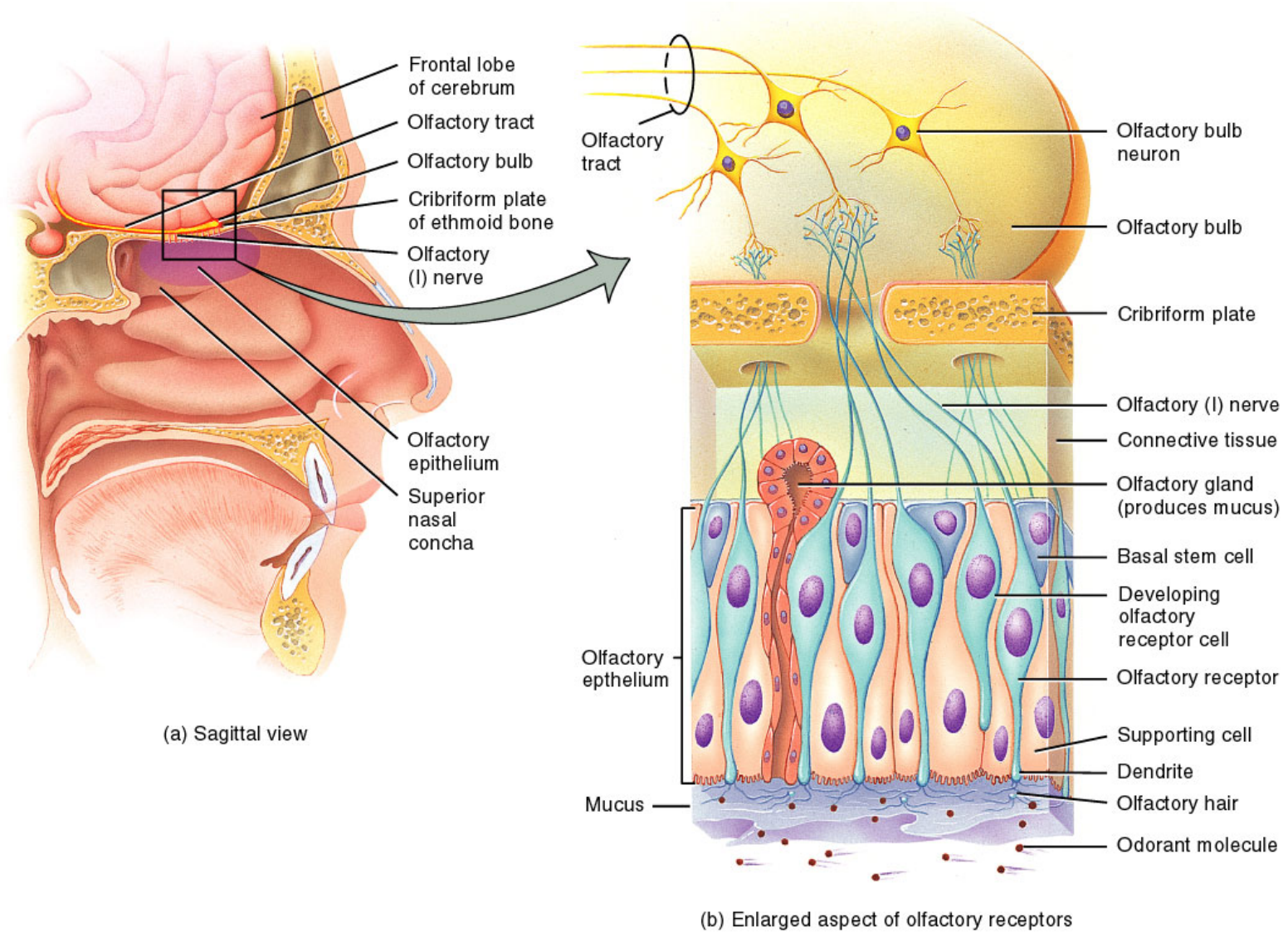


Fig. 16.7

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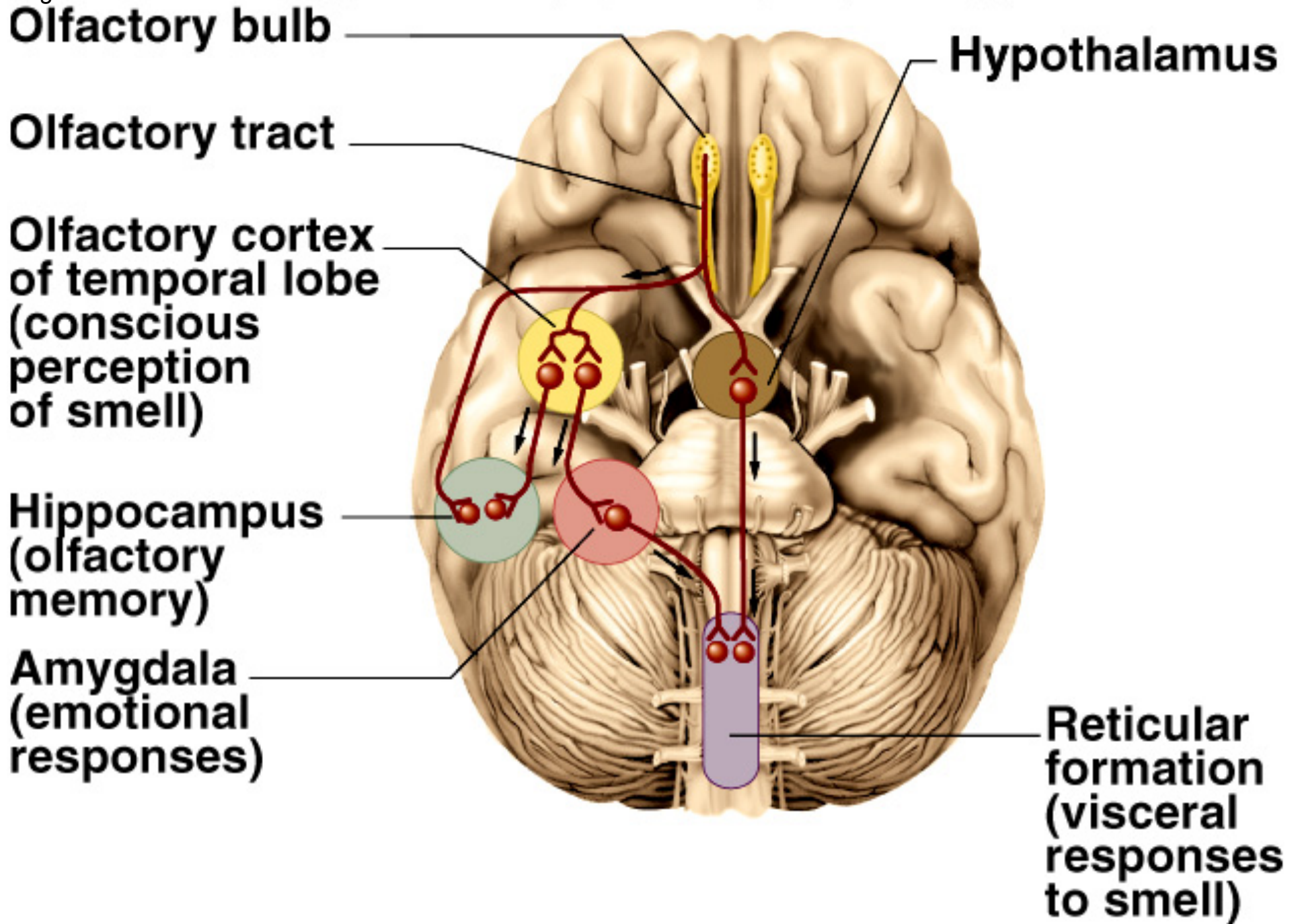


Fig 16.6

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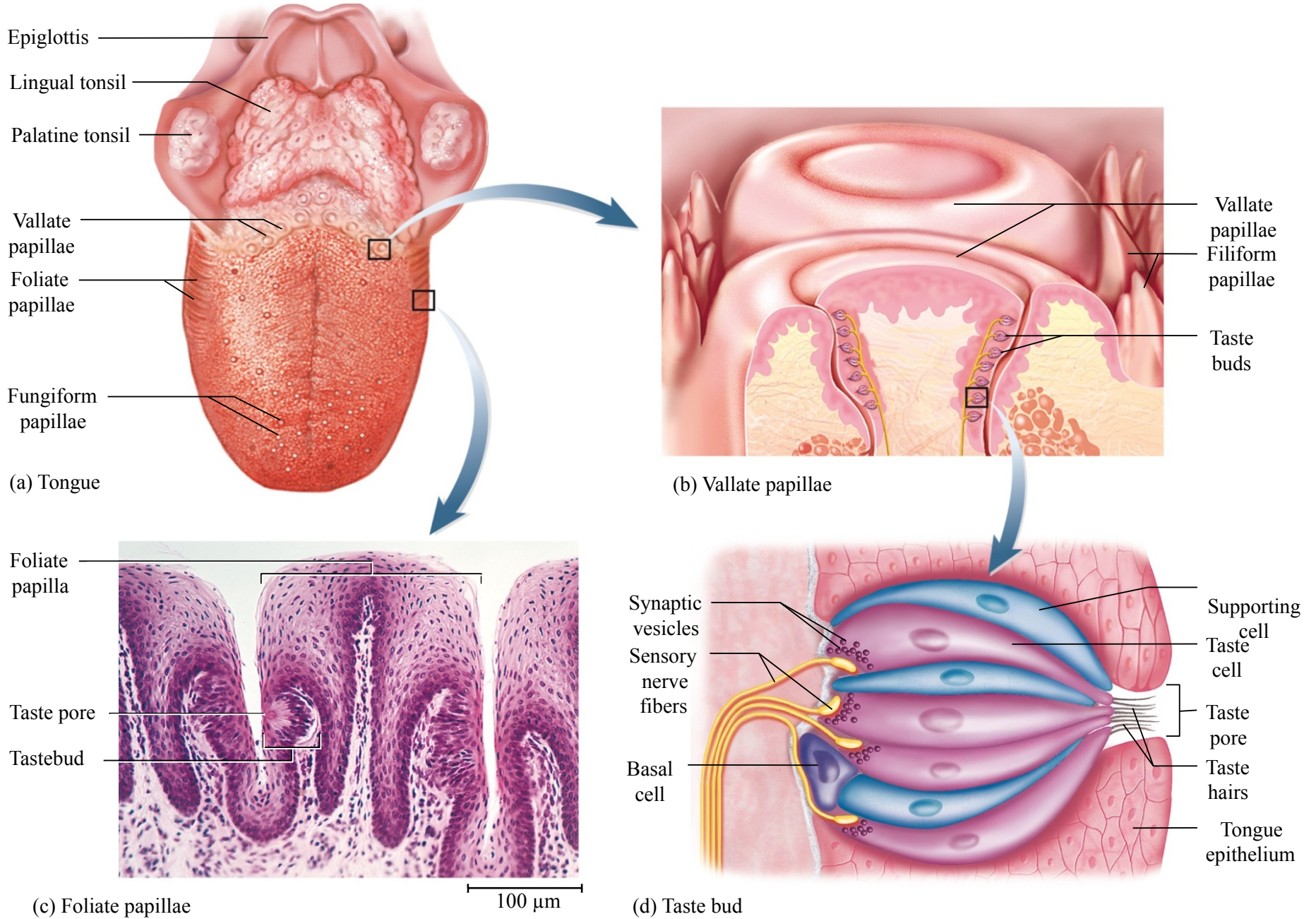


Fig. 16.5a

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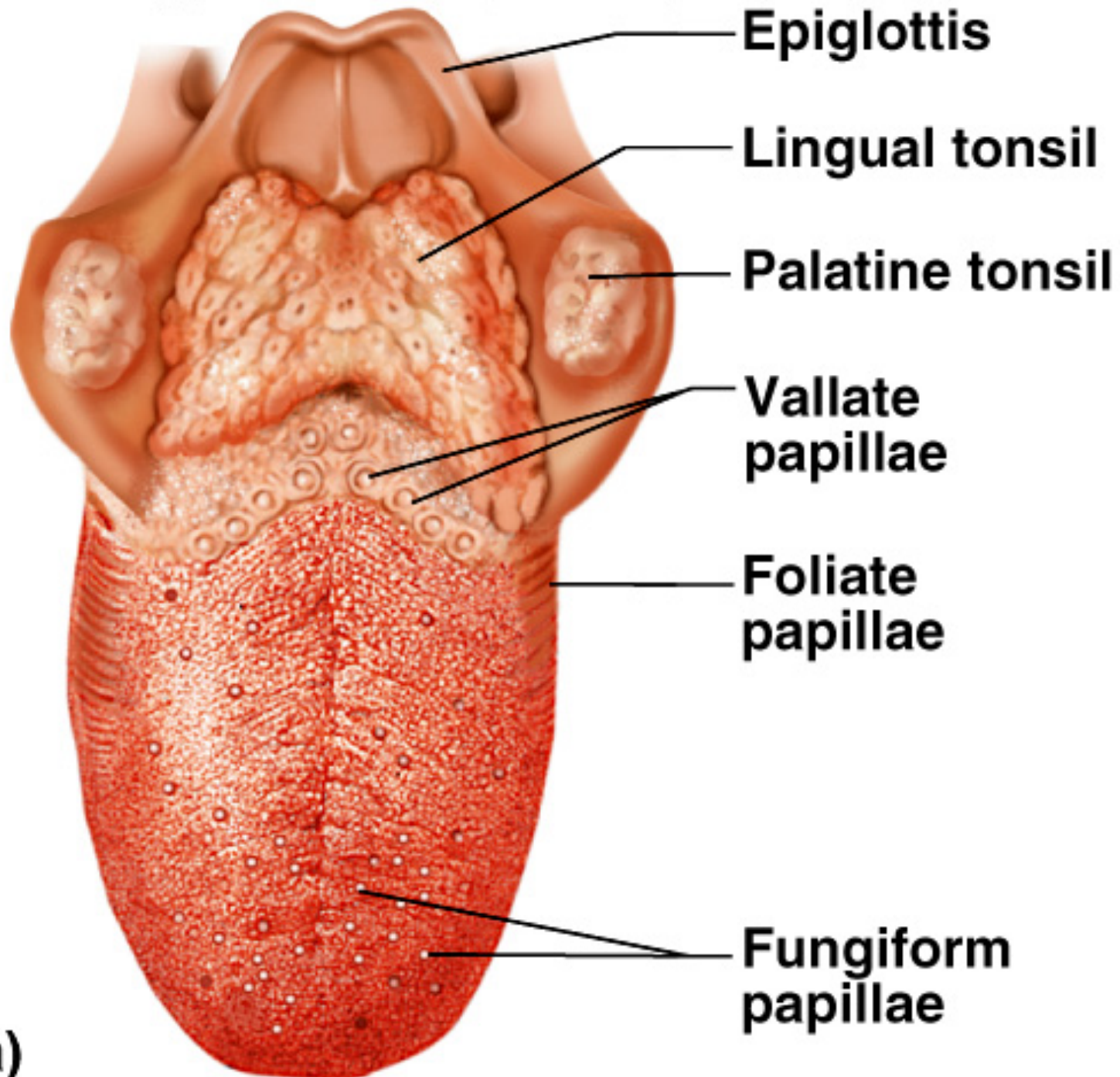


Fig. 16.5c

**Lingual
papilla**

**Taste
pore**

**Taste
bud**



(c)

100 μ m

Fig. 16.5d

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Connective tissue

Epithelium of tongue

Basal cell

Sensory nerve fiber

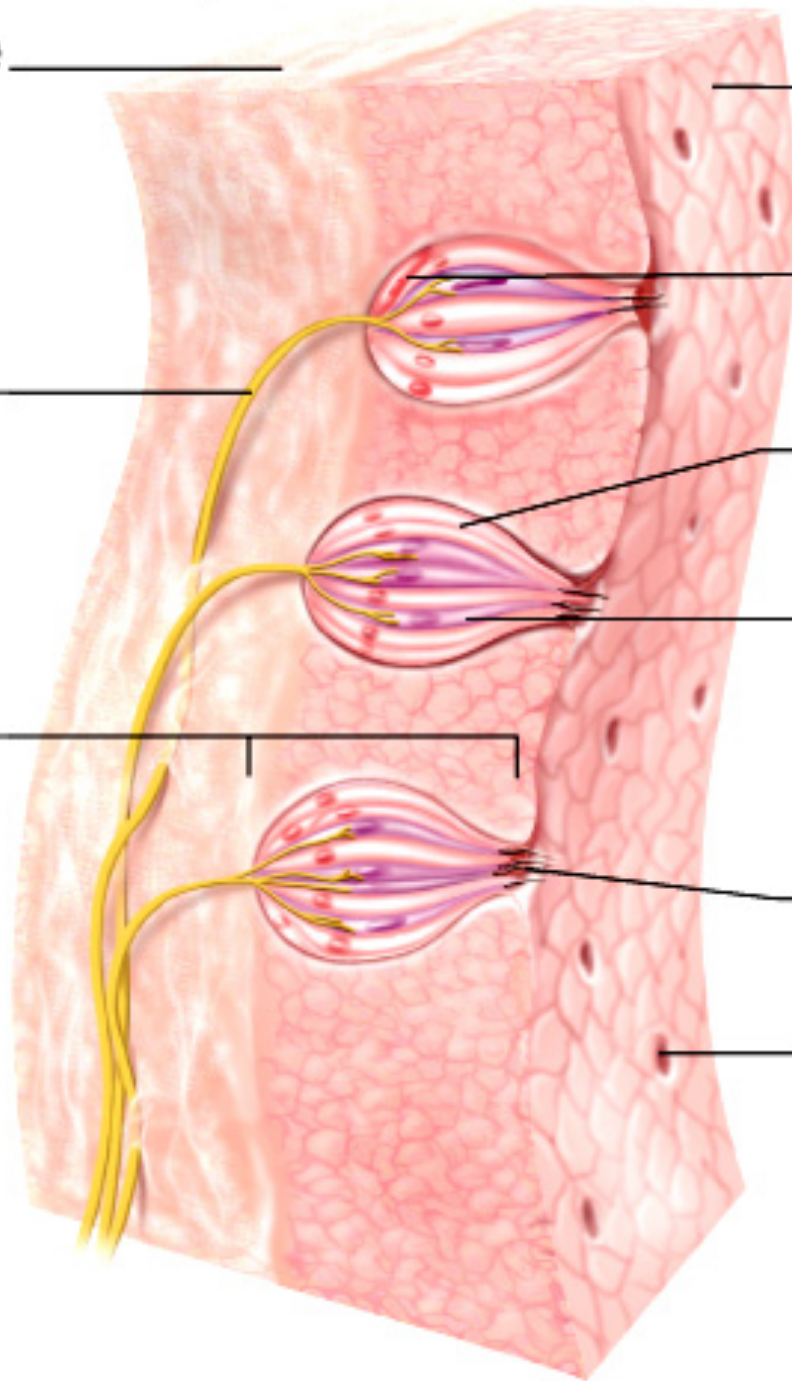
Supporting cell

Gustatory (taste) cell

Taste bud

Taste hair

Taste pore



(d)

Fig. 16.20

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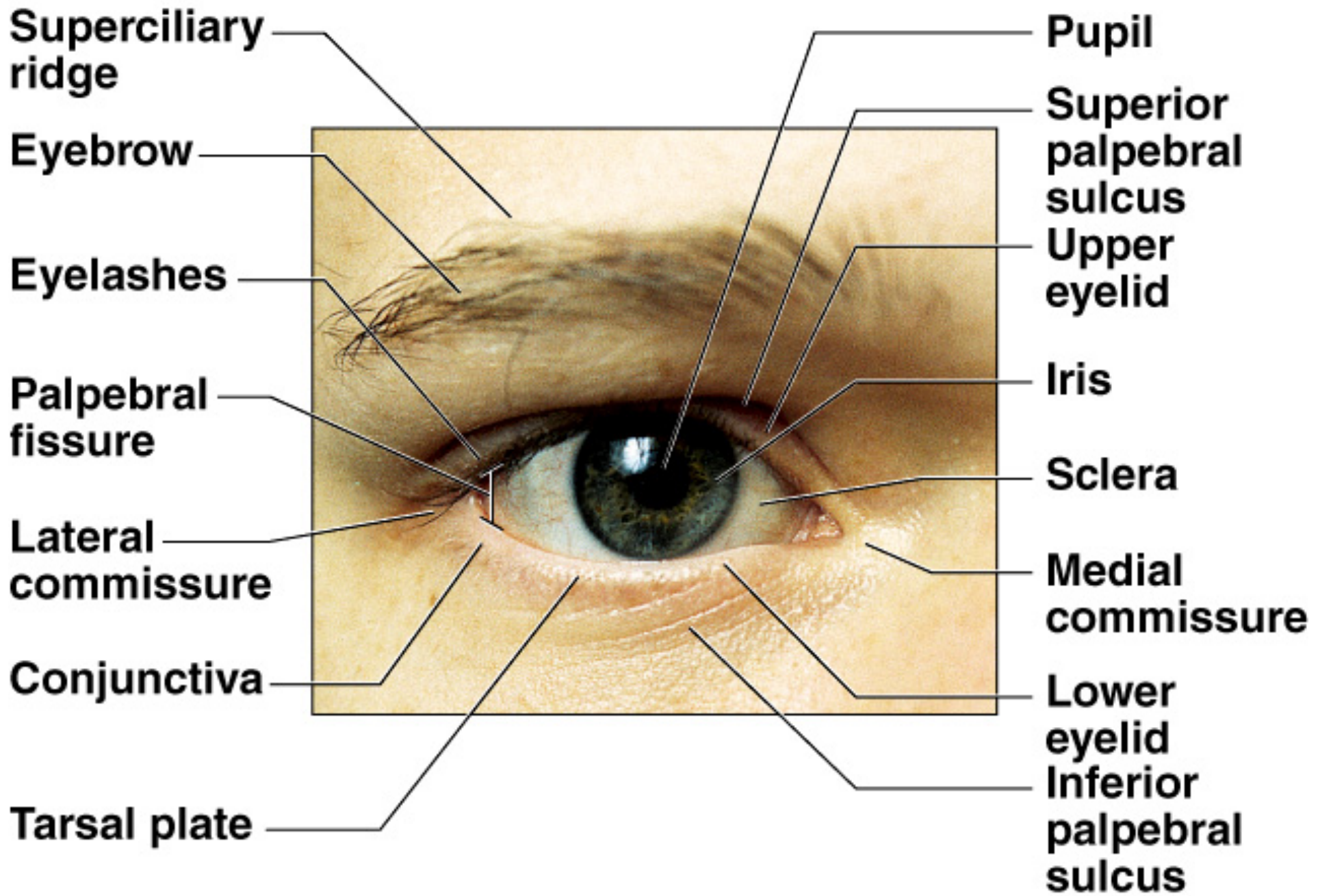


Fig. 16.21

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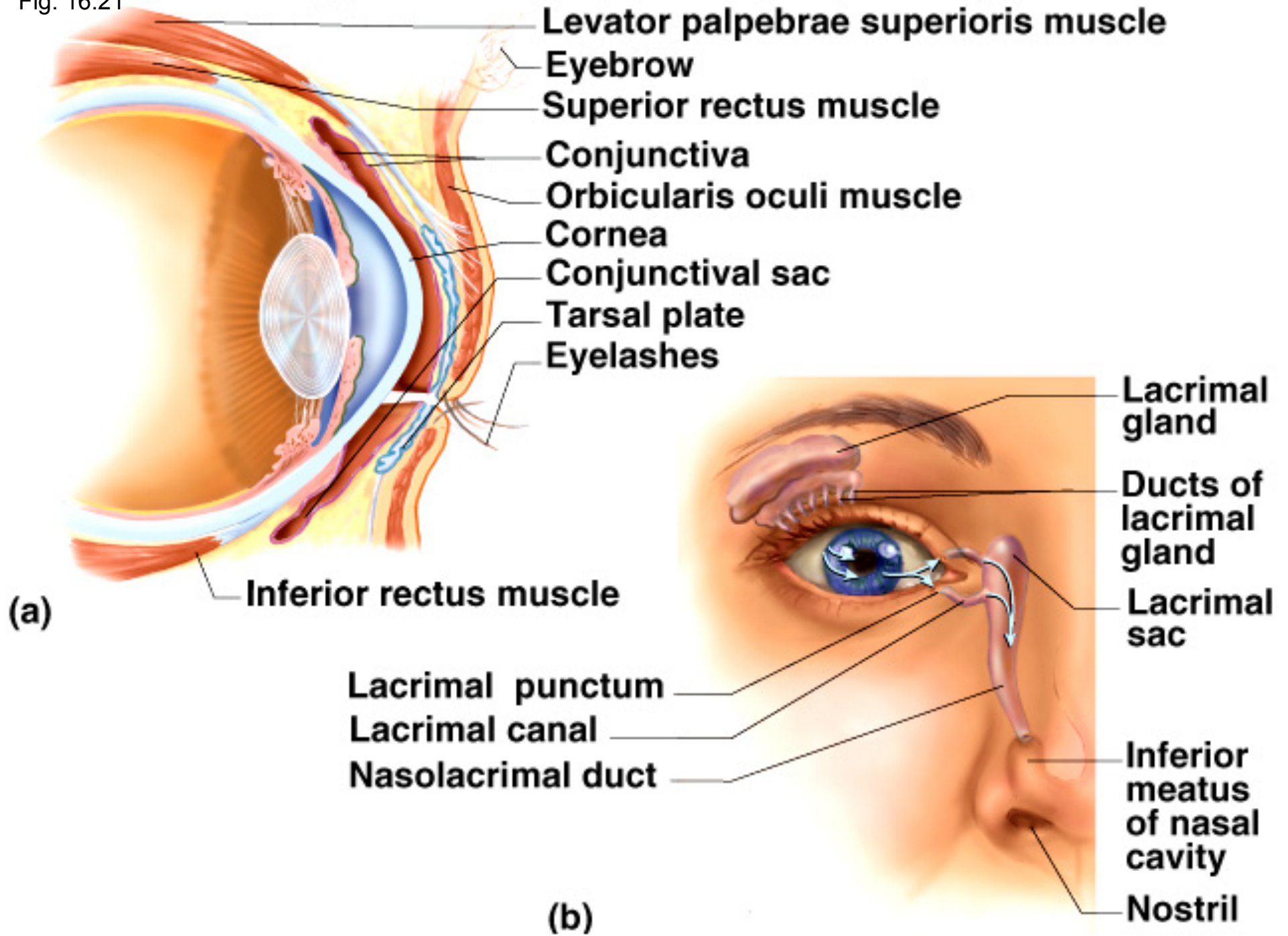
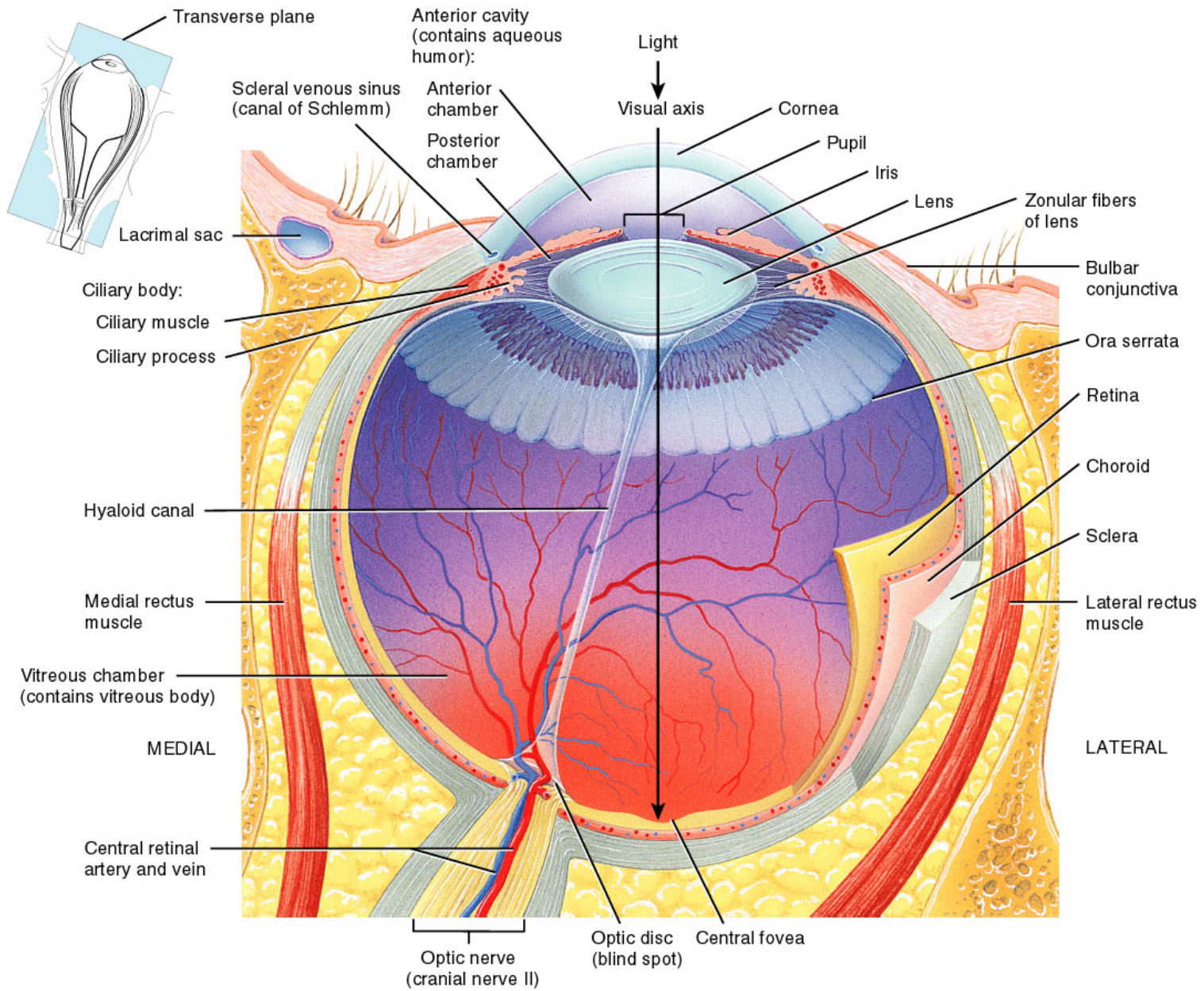


Fig. 16.06



(a) Superior view of transverse section of right eyeball

Fig. 16.10

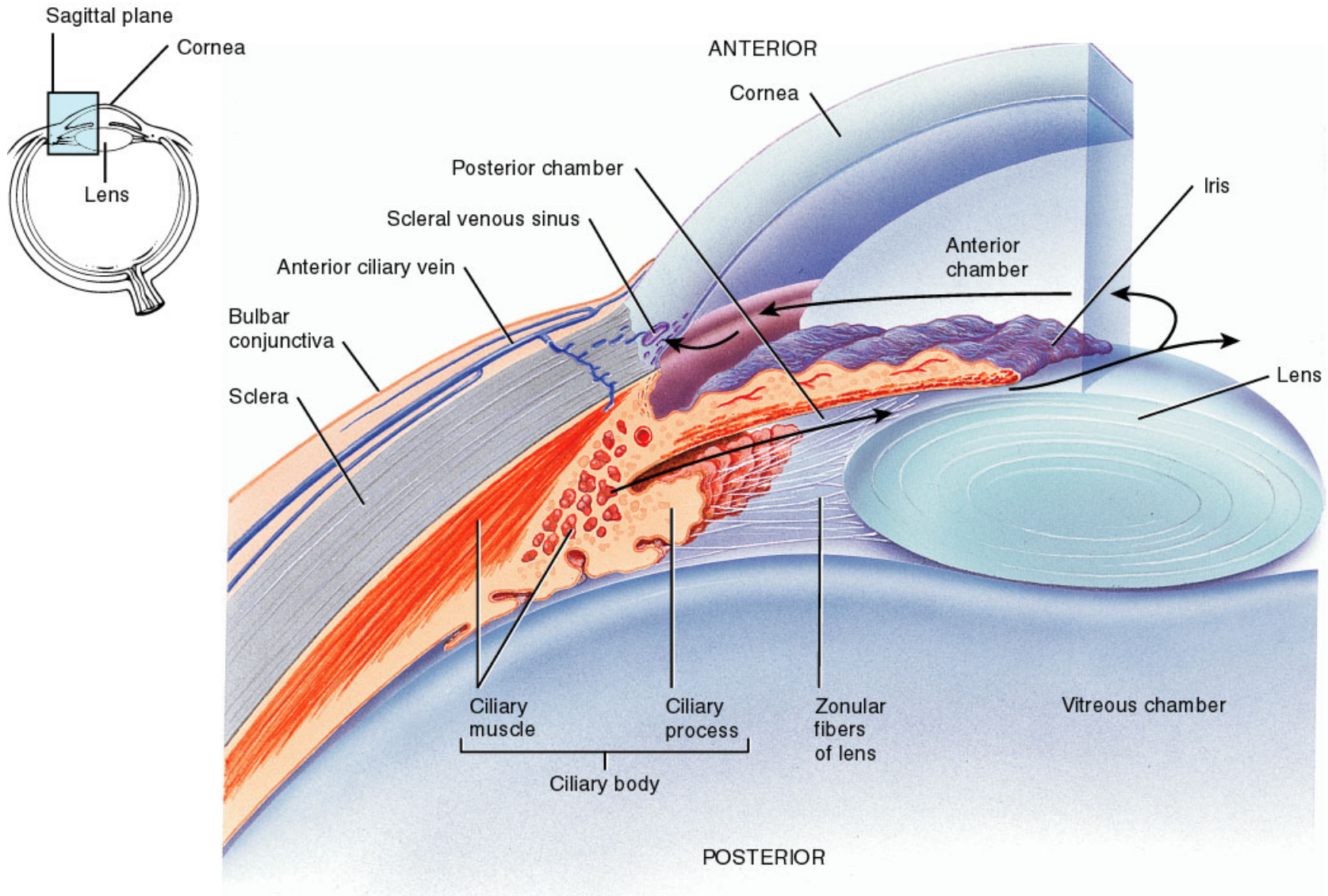


Fig. 16.23

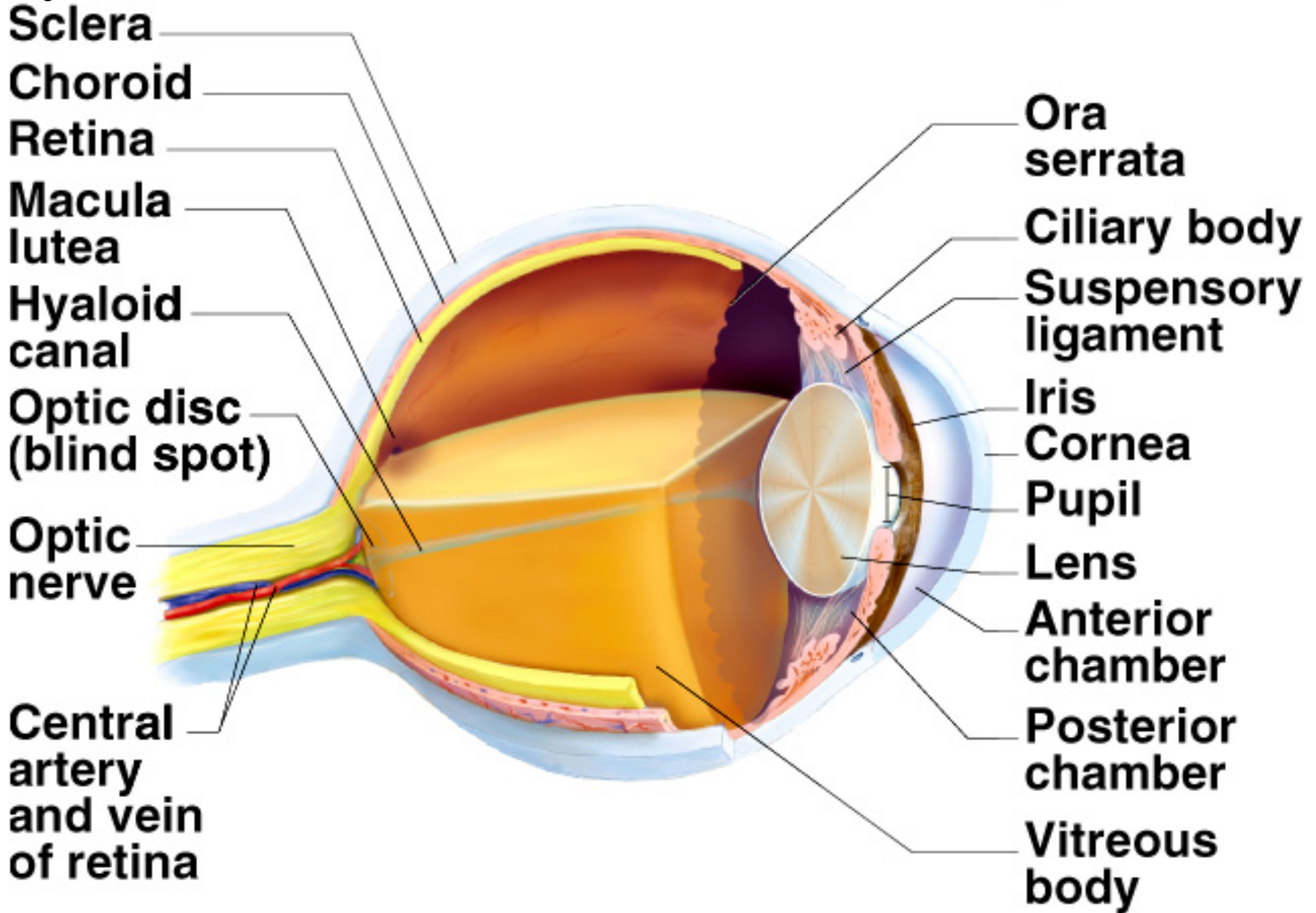
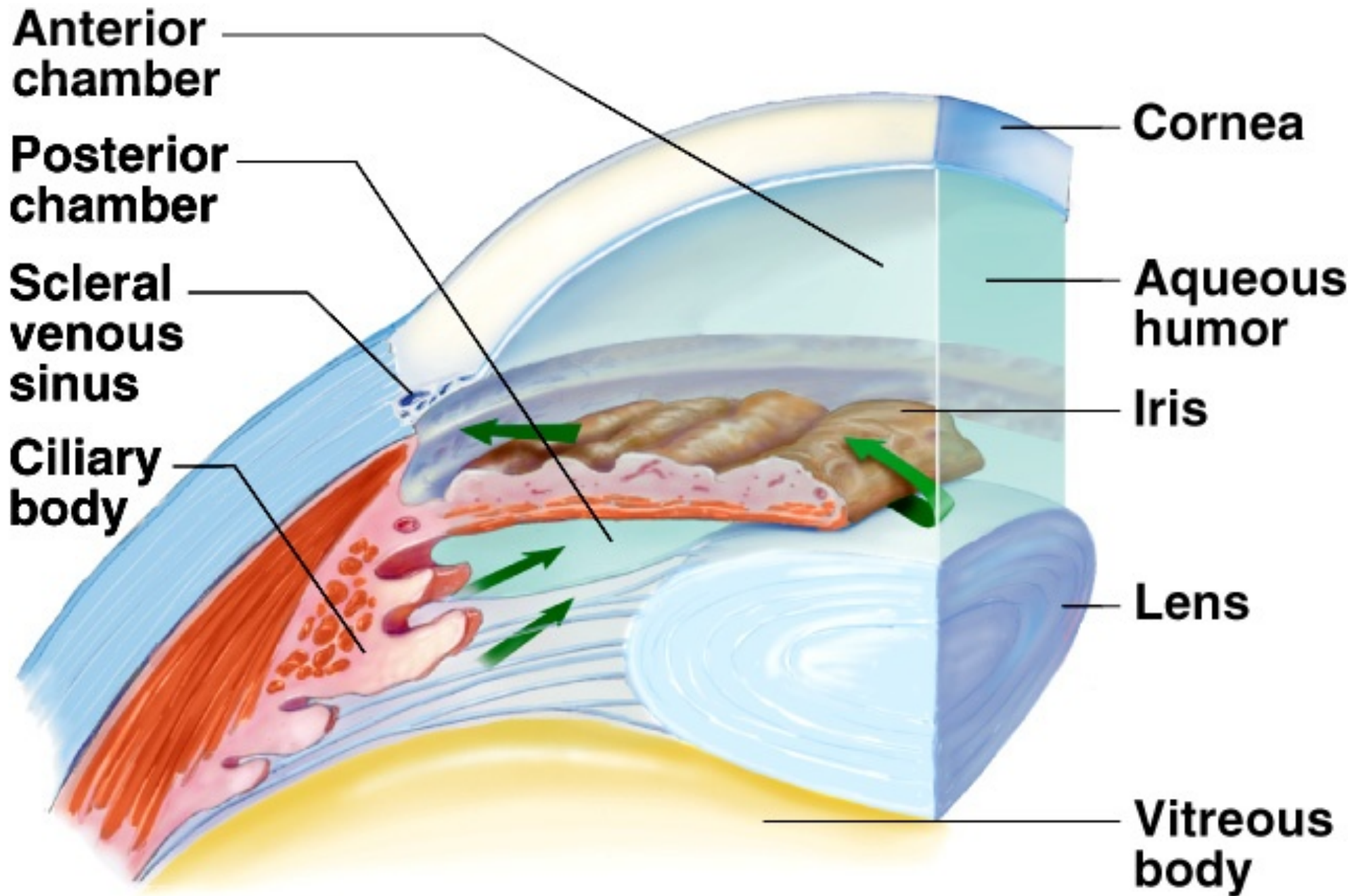


Fig. 16.24

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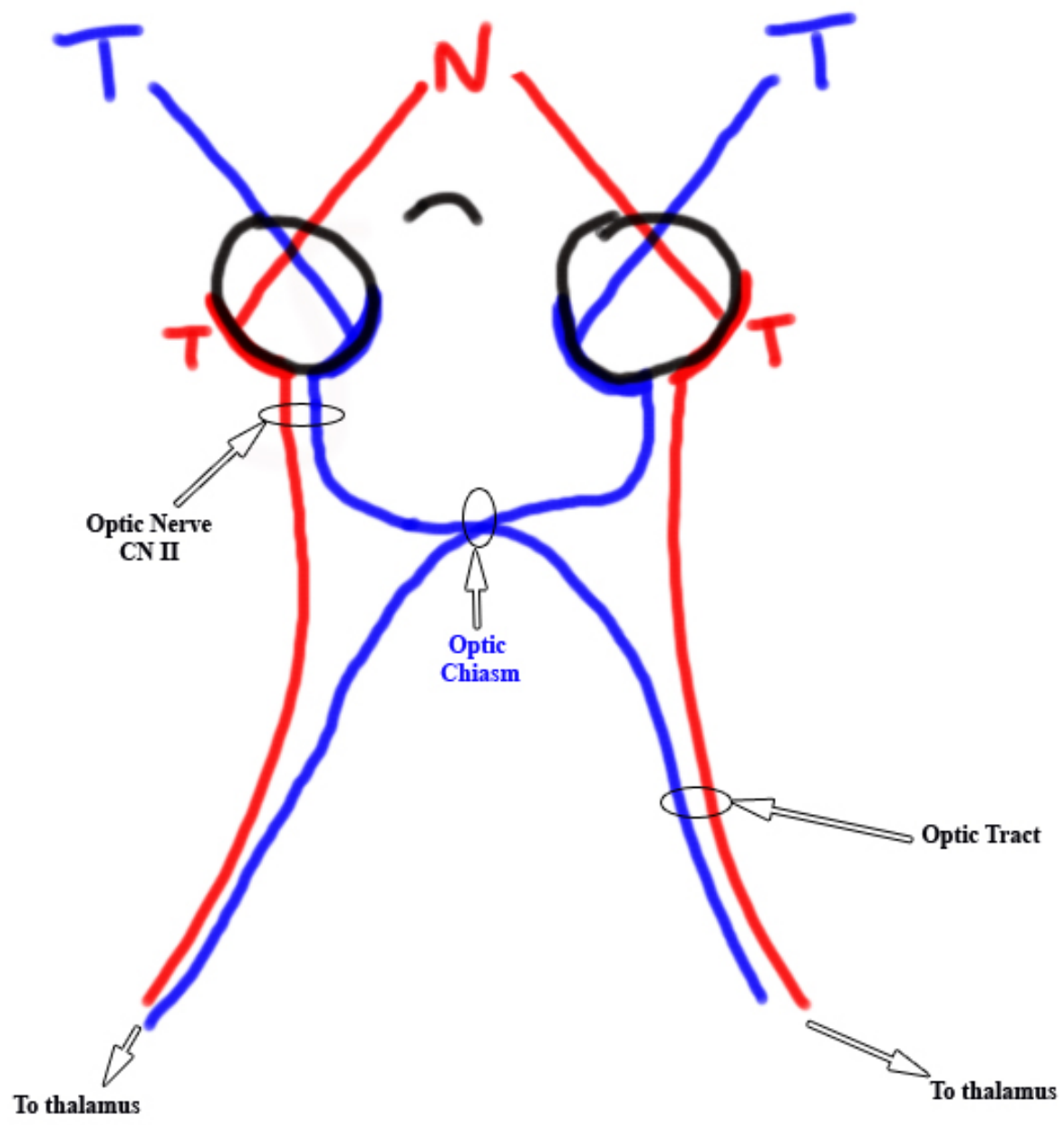


Fig. 16.26

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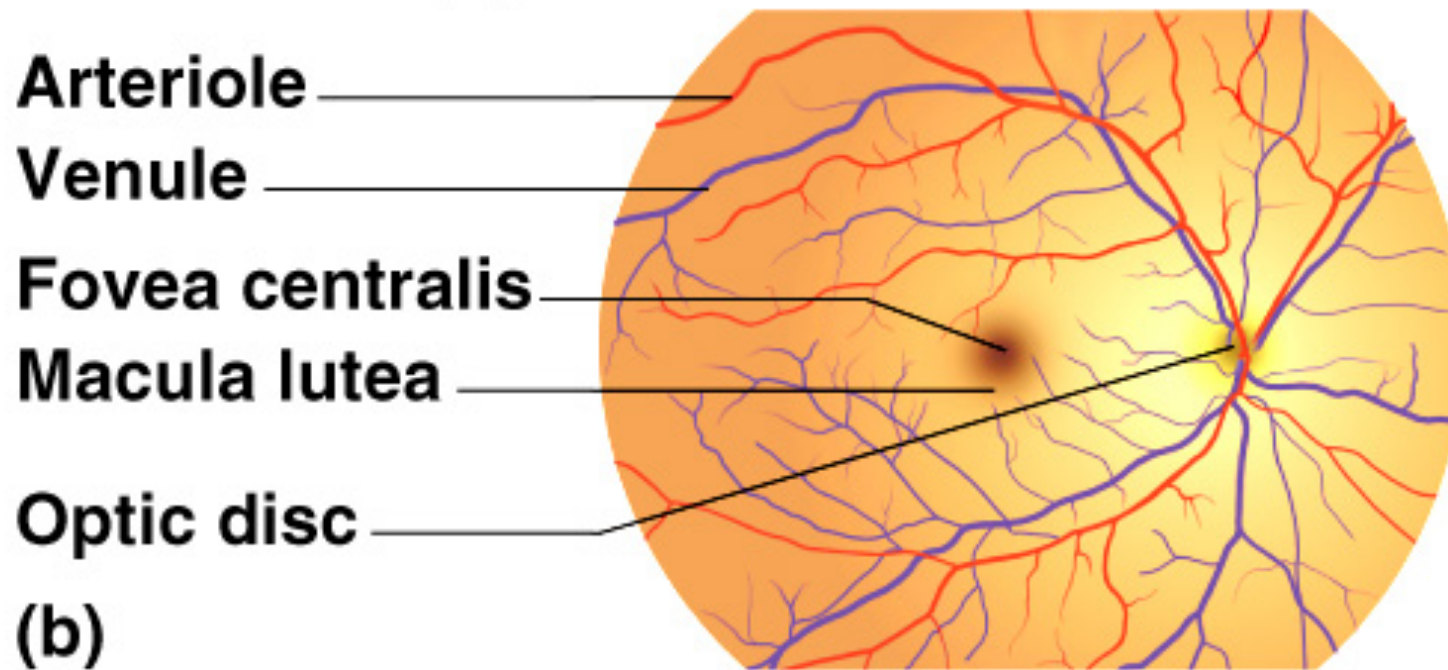
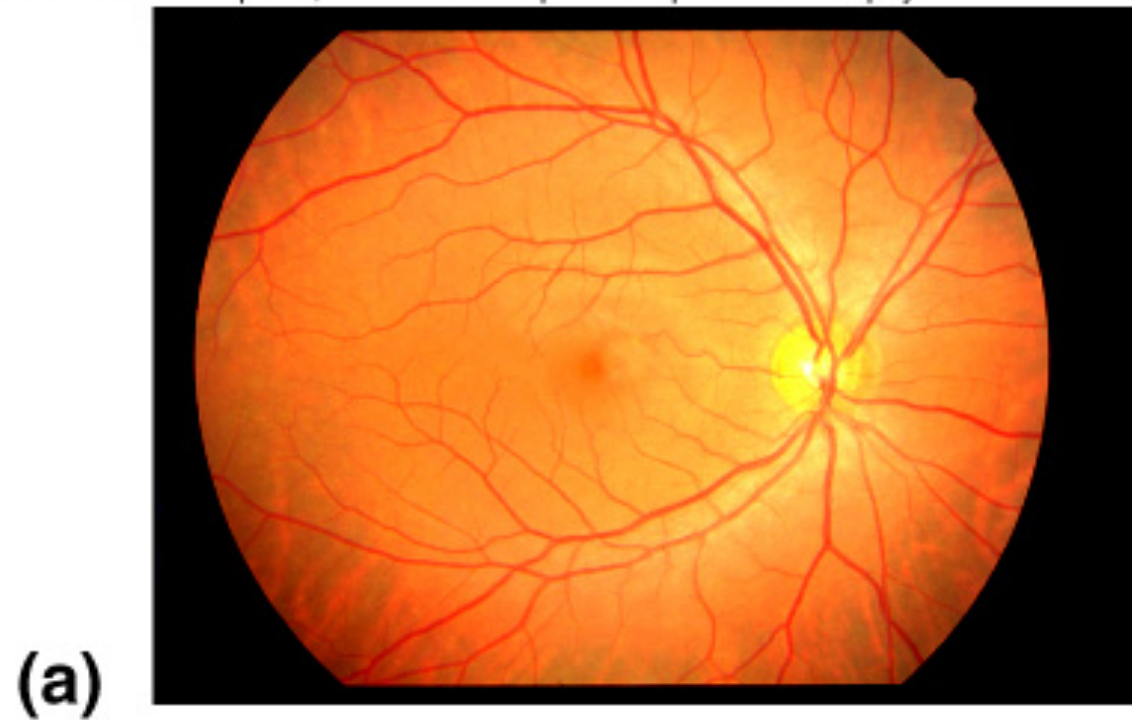


Fig. 16.29

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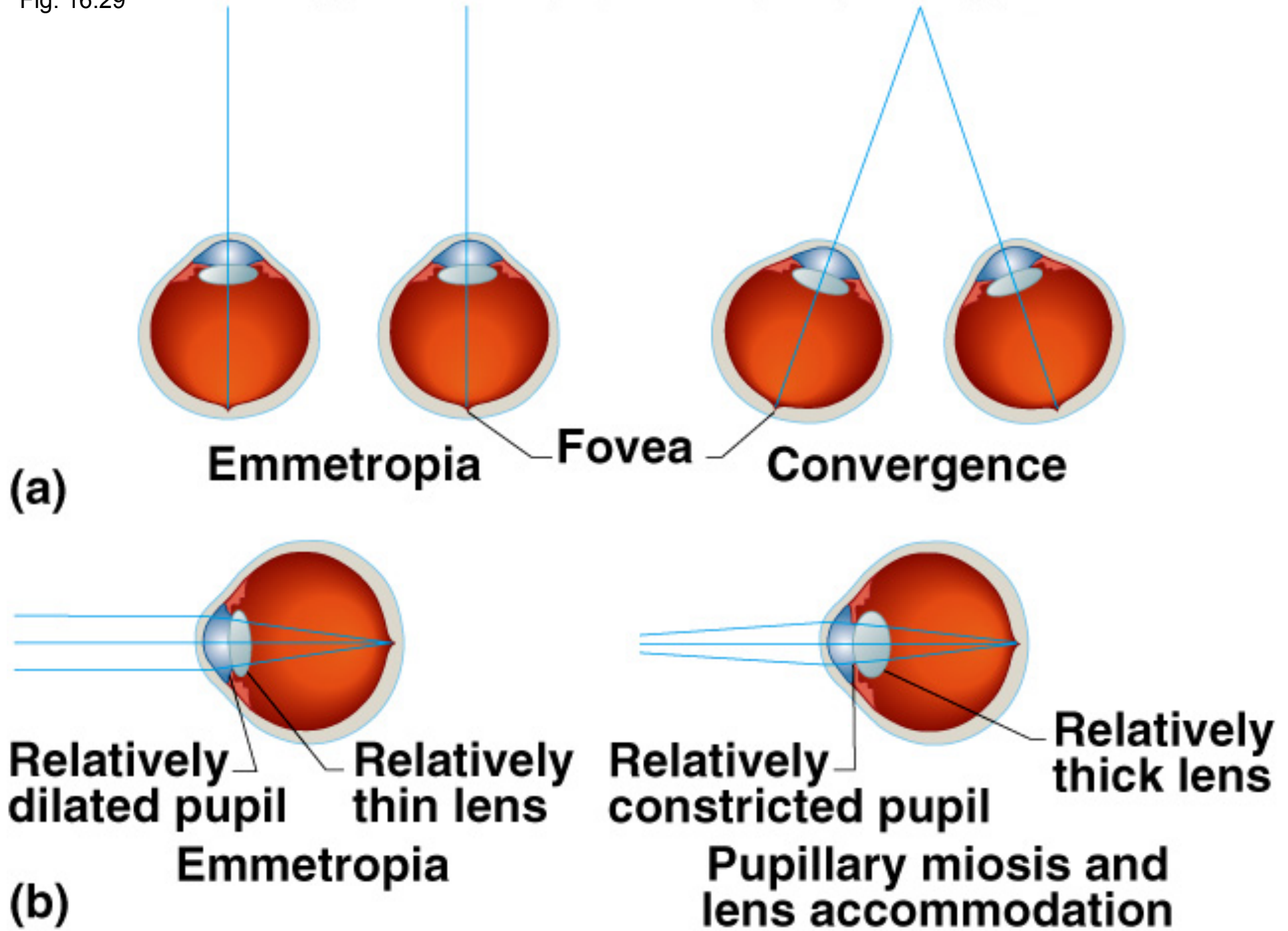


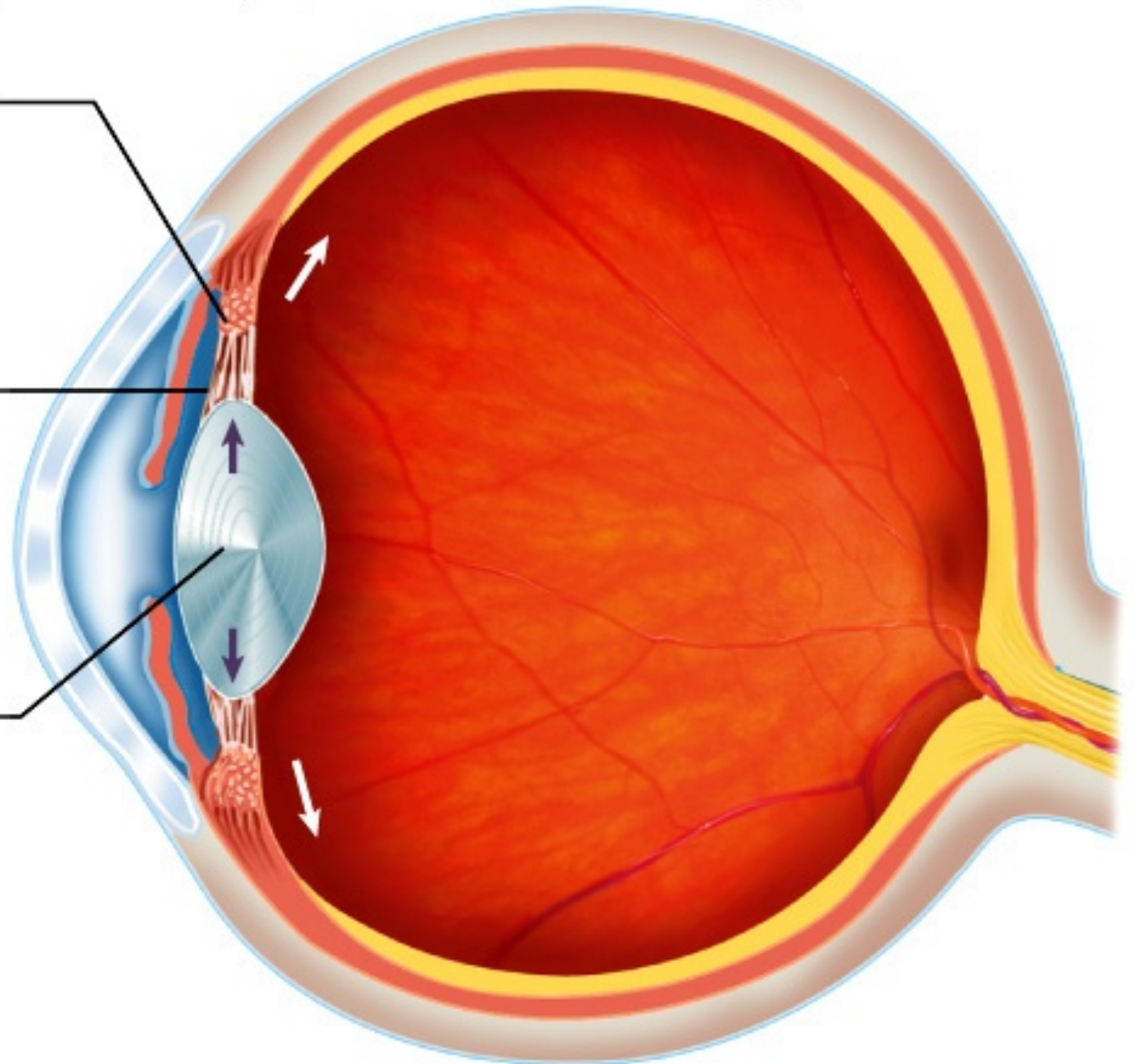
Fig. 16.30a

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Ciliary muscle relaxed

Suspensory ligament taut

Lens thins



(a)

Distant vision (emmetropia)

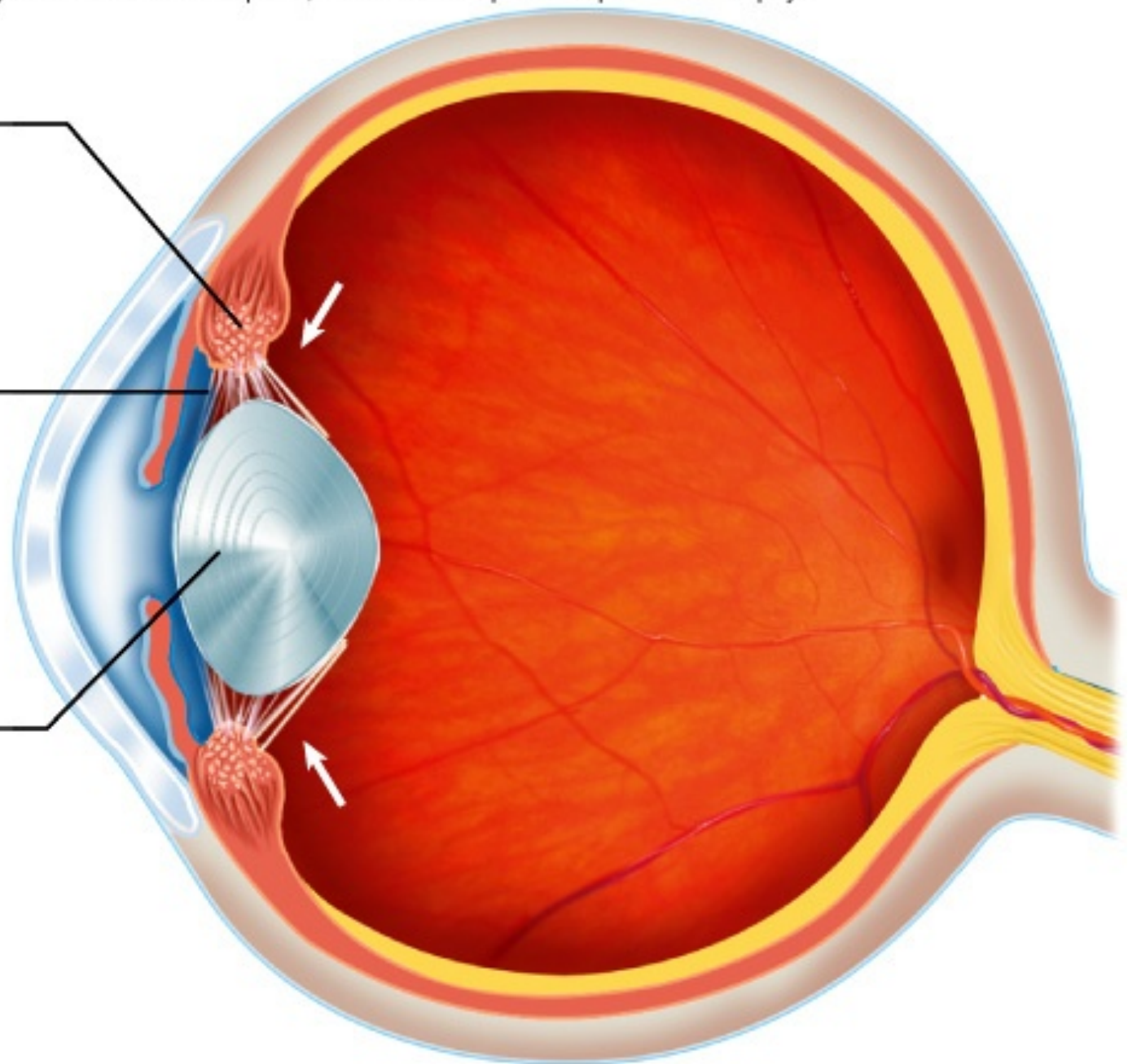
Fig. 16.30b

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Ciliary muscle contracted

Suspensory ligament relaxed

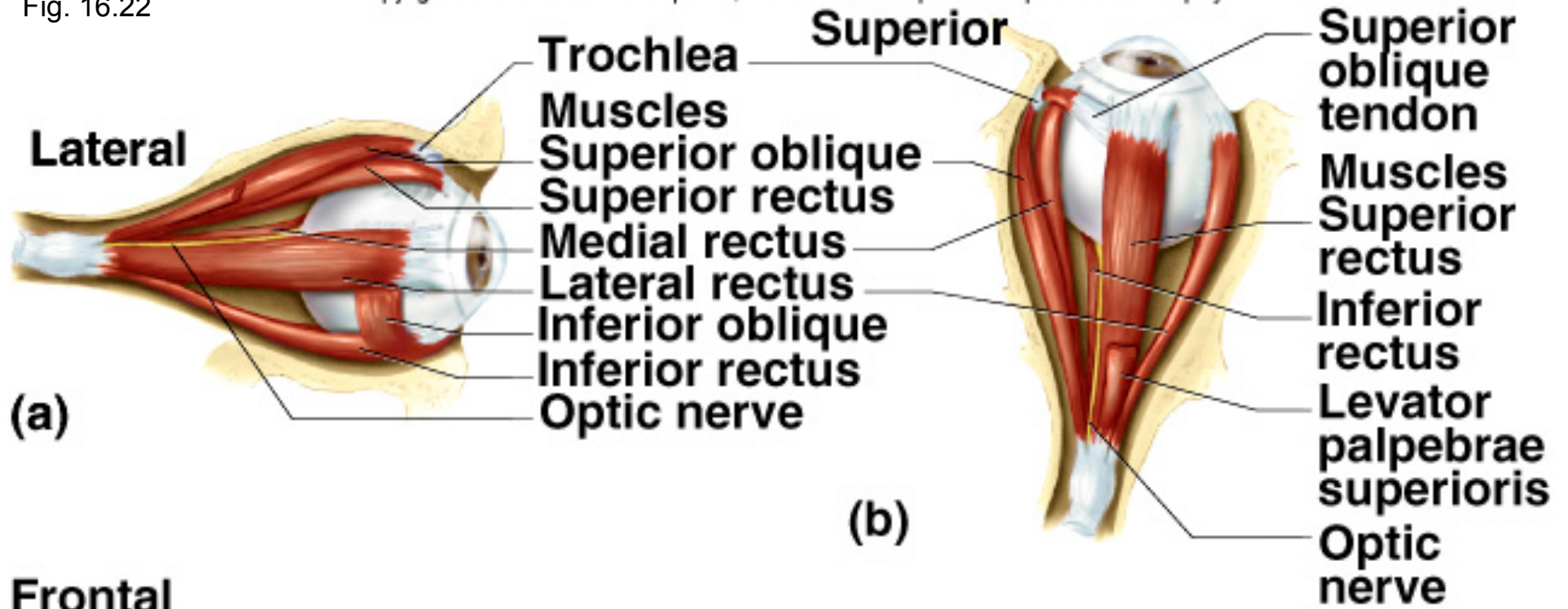
Lens thickens



Near vision (accommodation)

Fig. 16.22

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Frontal

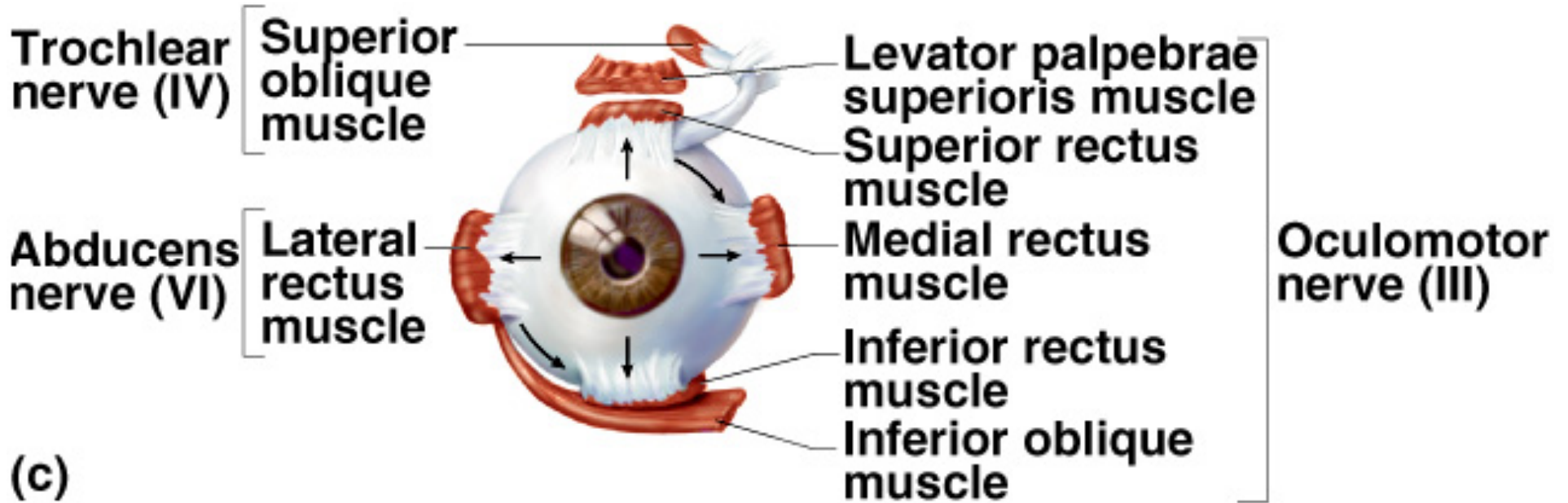


Fig. 16.32

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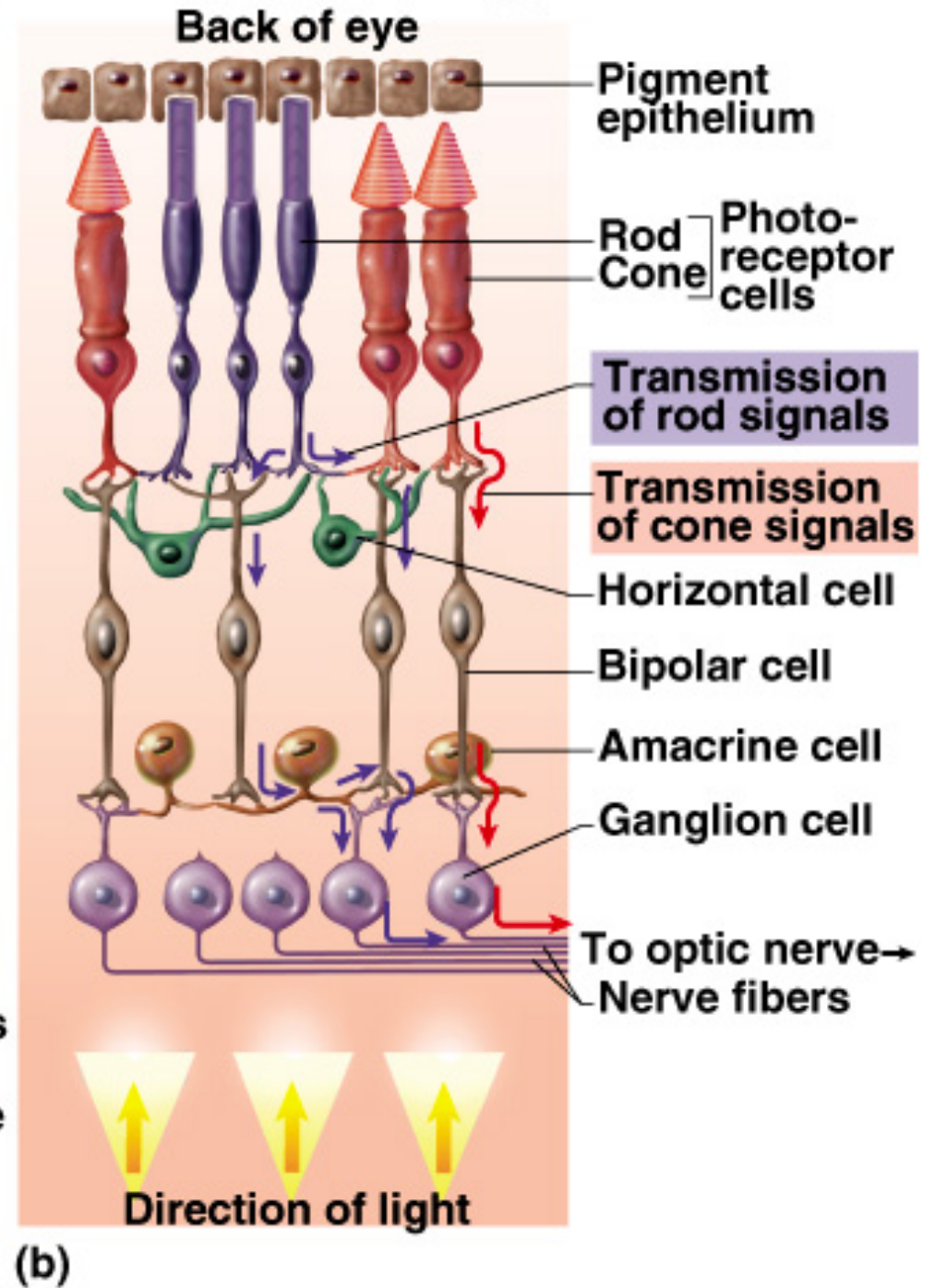
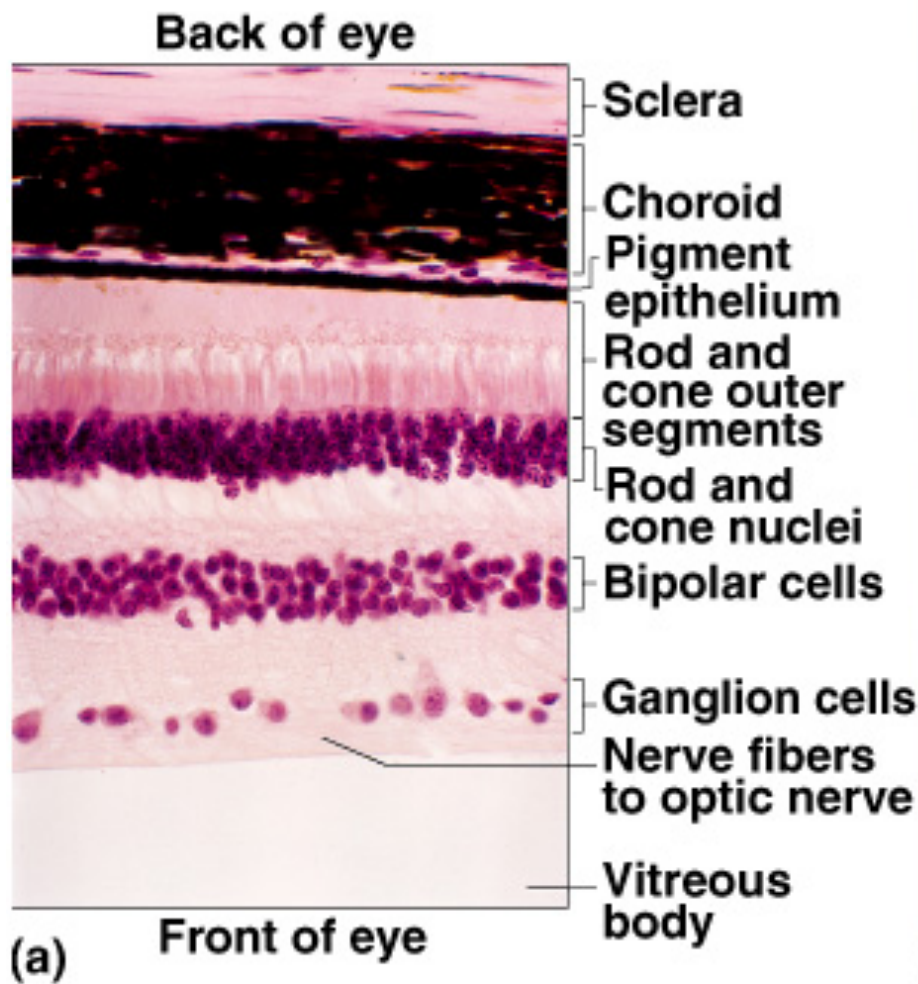
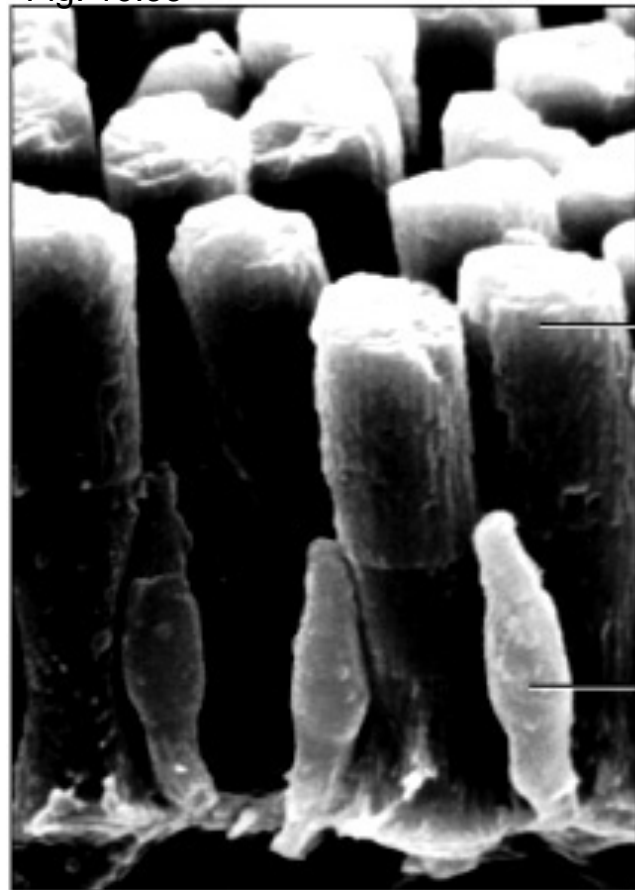
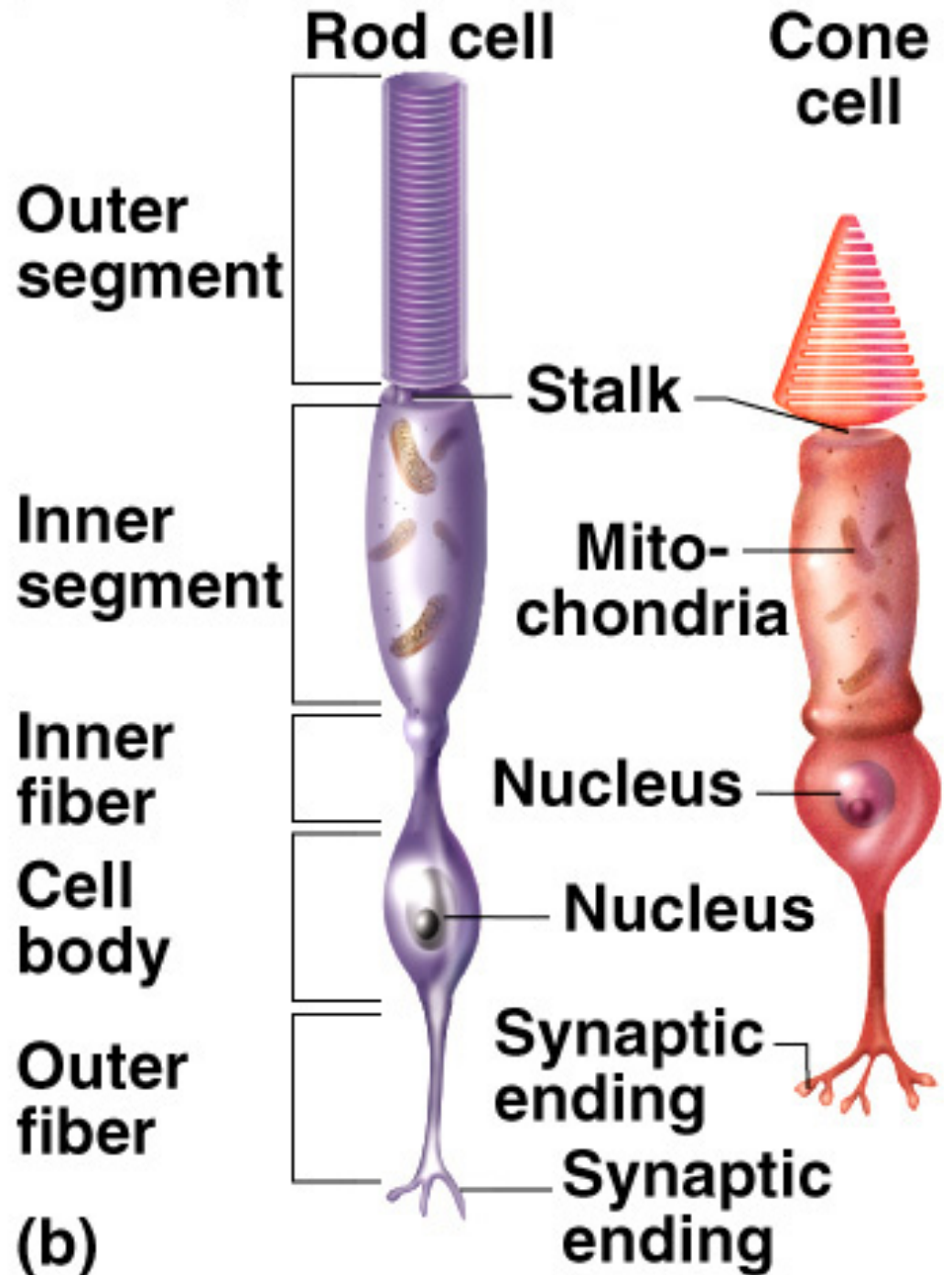


Fig. 16.33

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(a)



(b)

Fig. 16.9

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Helix

Triangular fossa

Antihelix

Concha

External auditory meatus

Tragus

Antitragus

Lobule (earlobe)

Fig. 16.10

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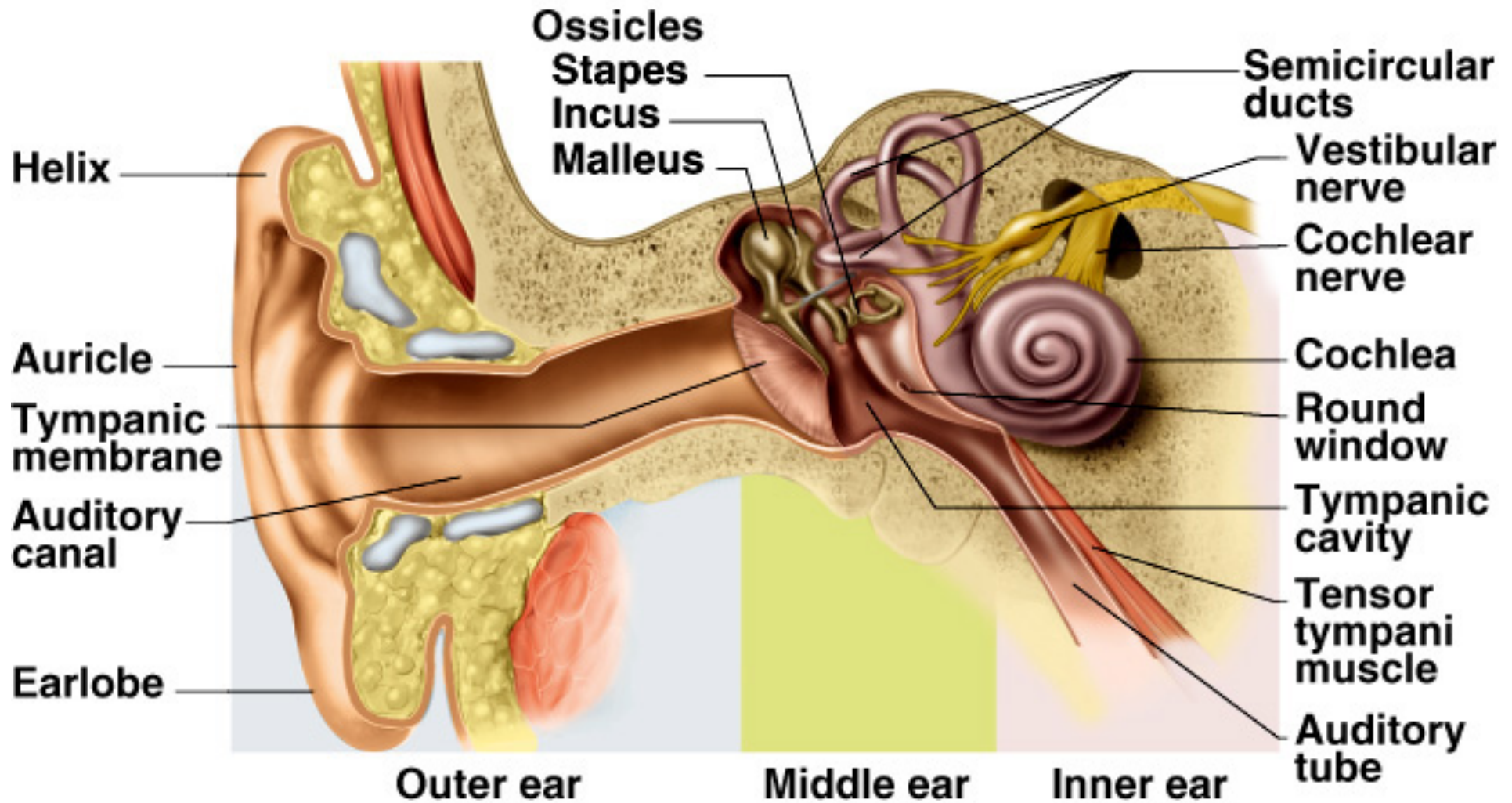
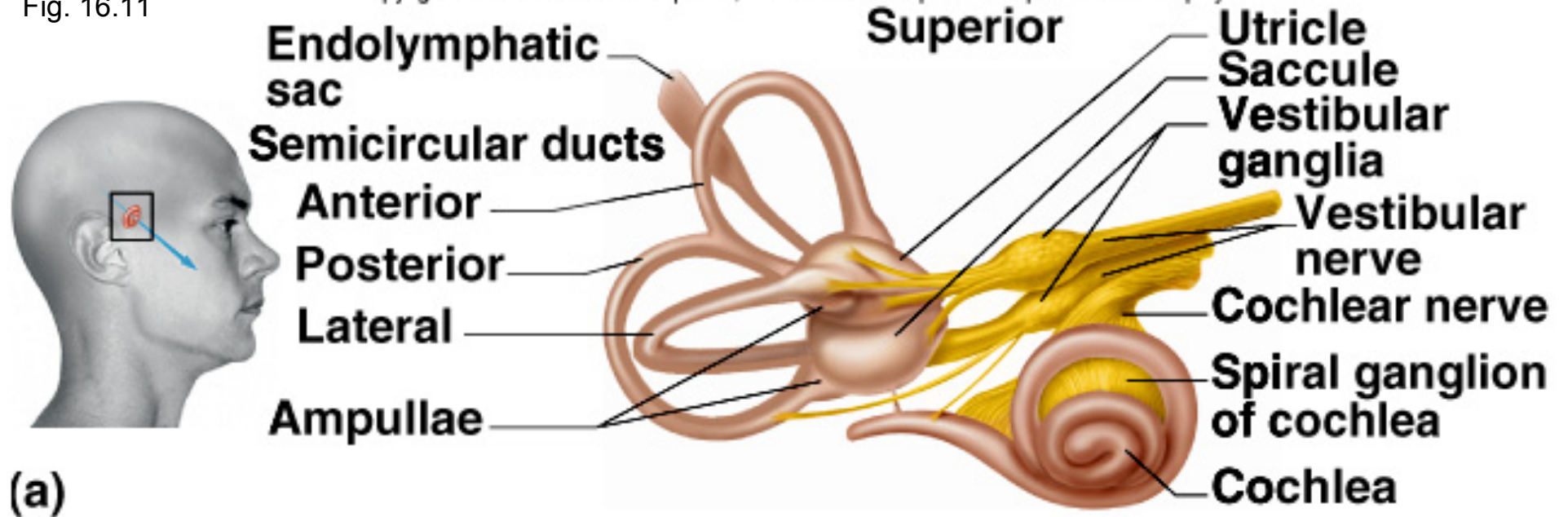
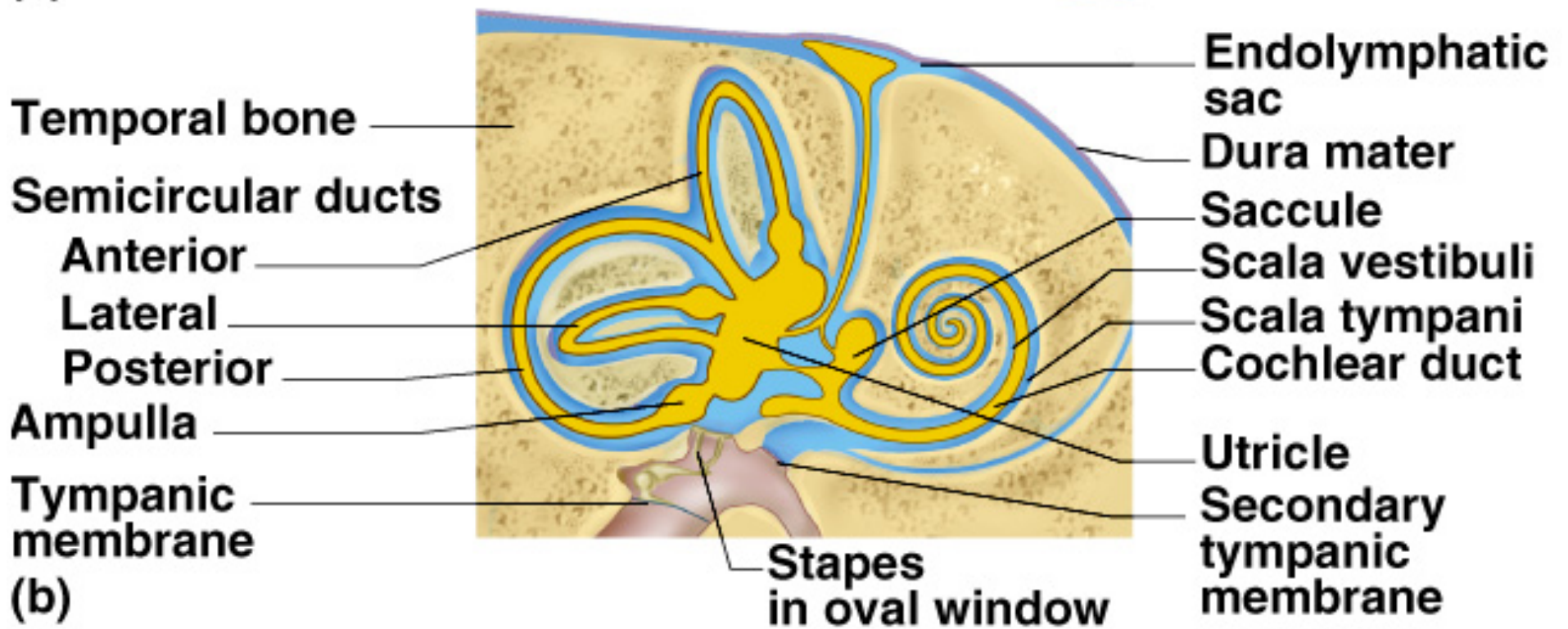


Fig. 16.11

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(a)



(b)

Fig. 16.12

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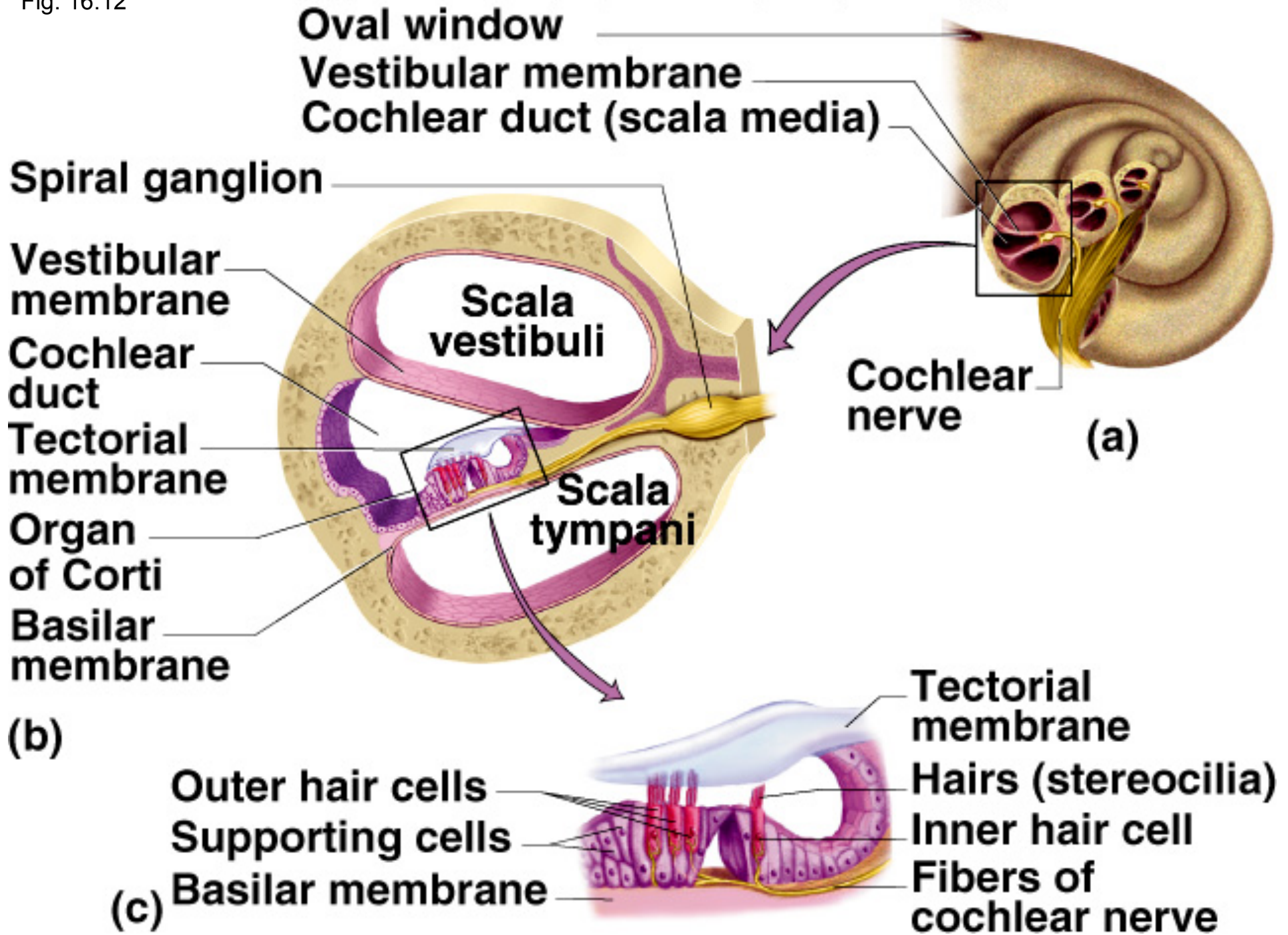
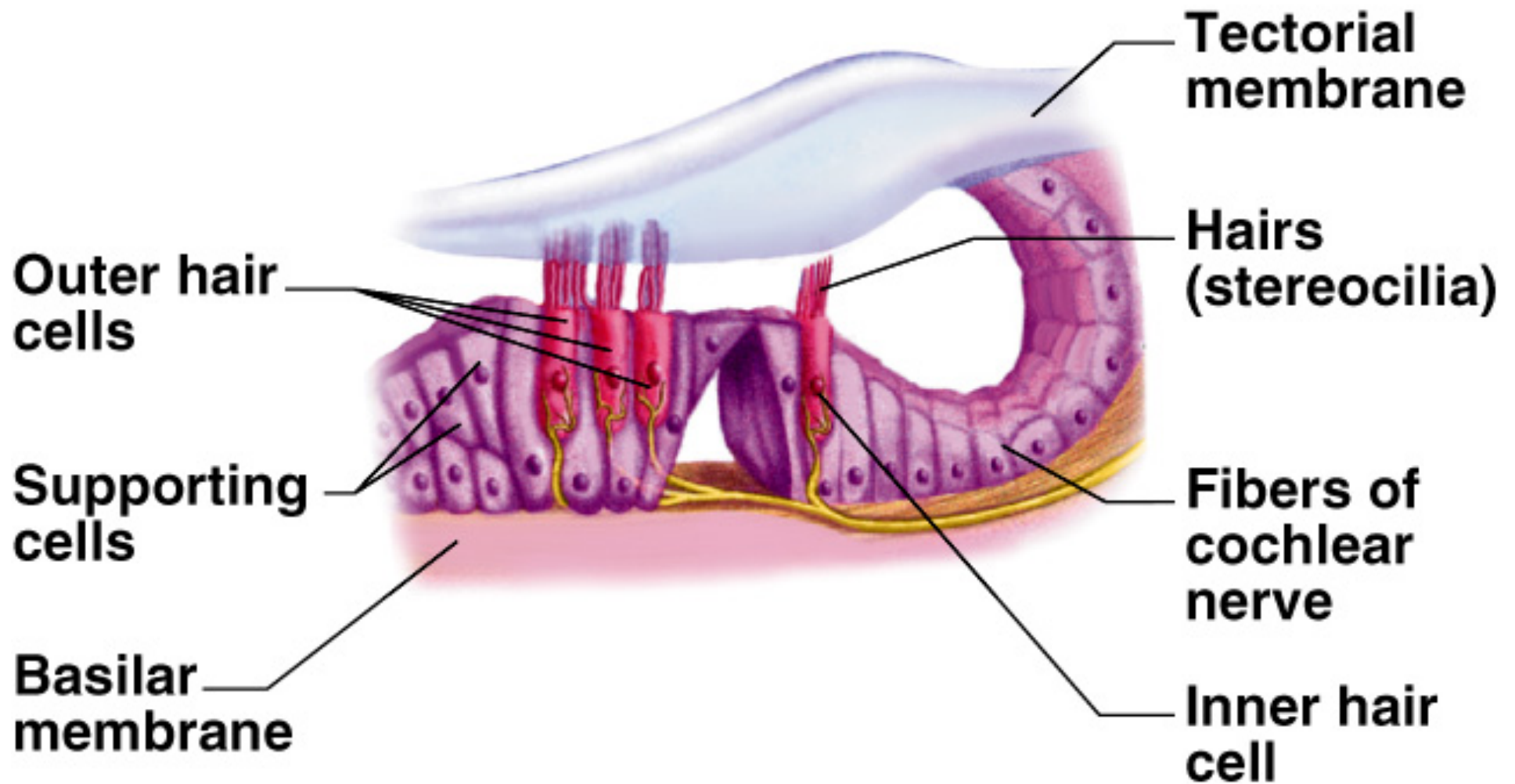


Fig. 16.12c

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(c)

Fig. 16.15

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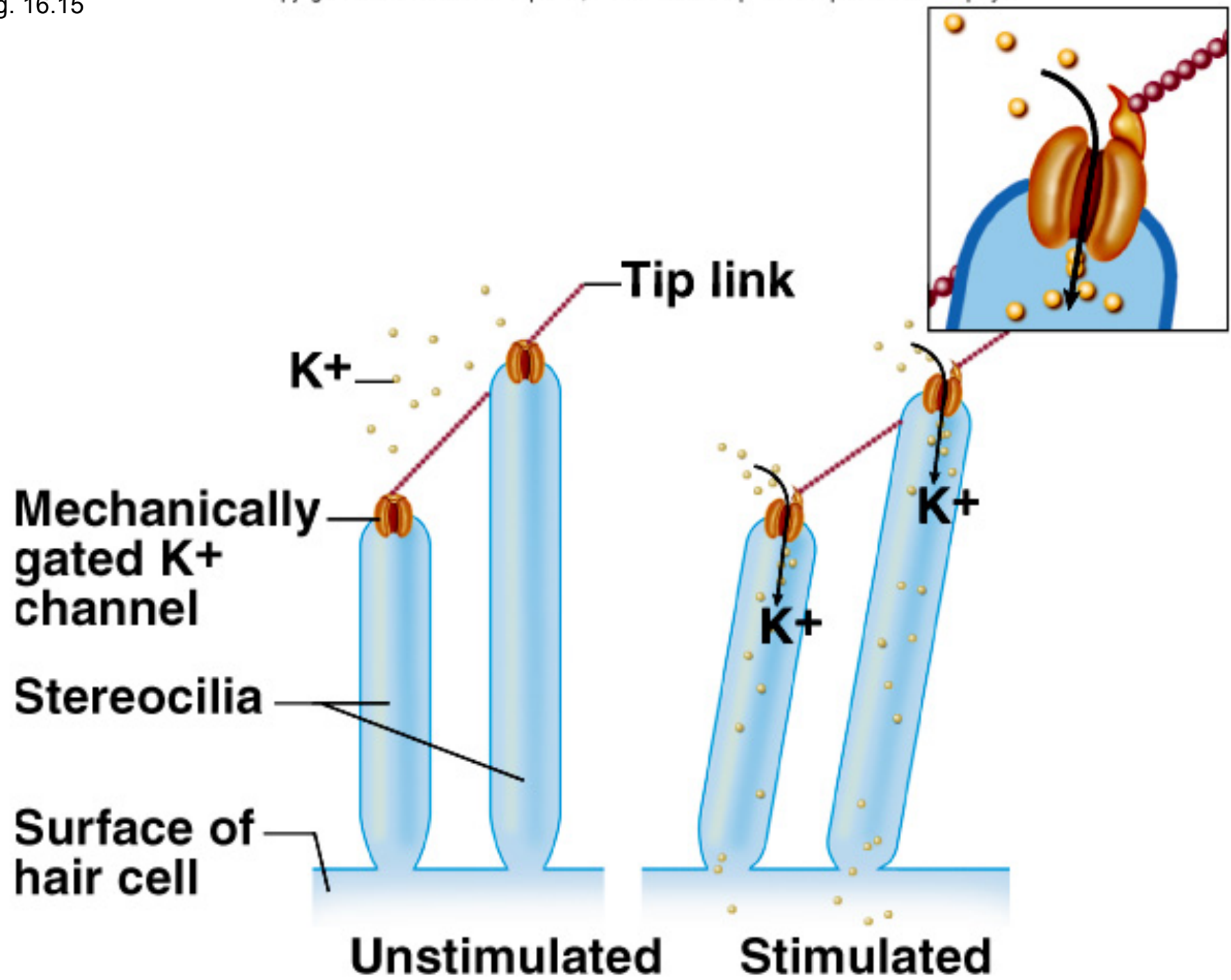
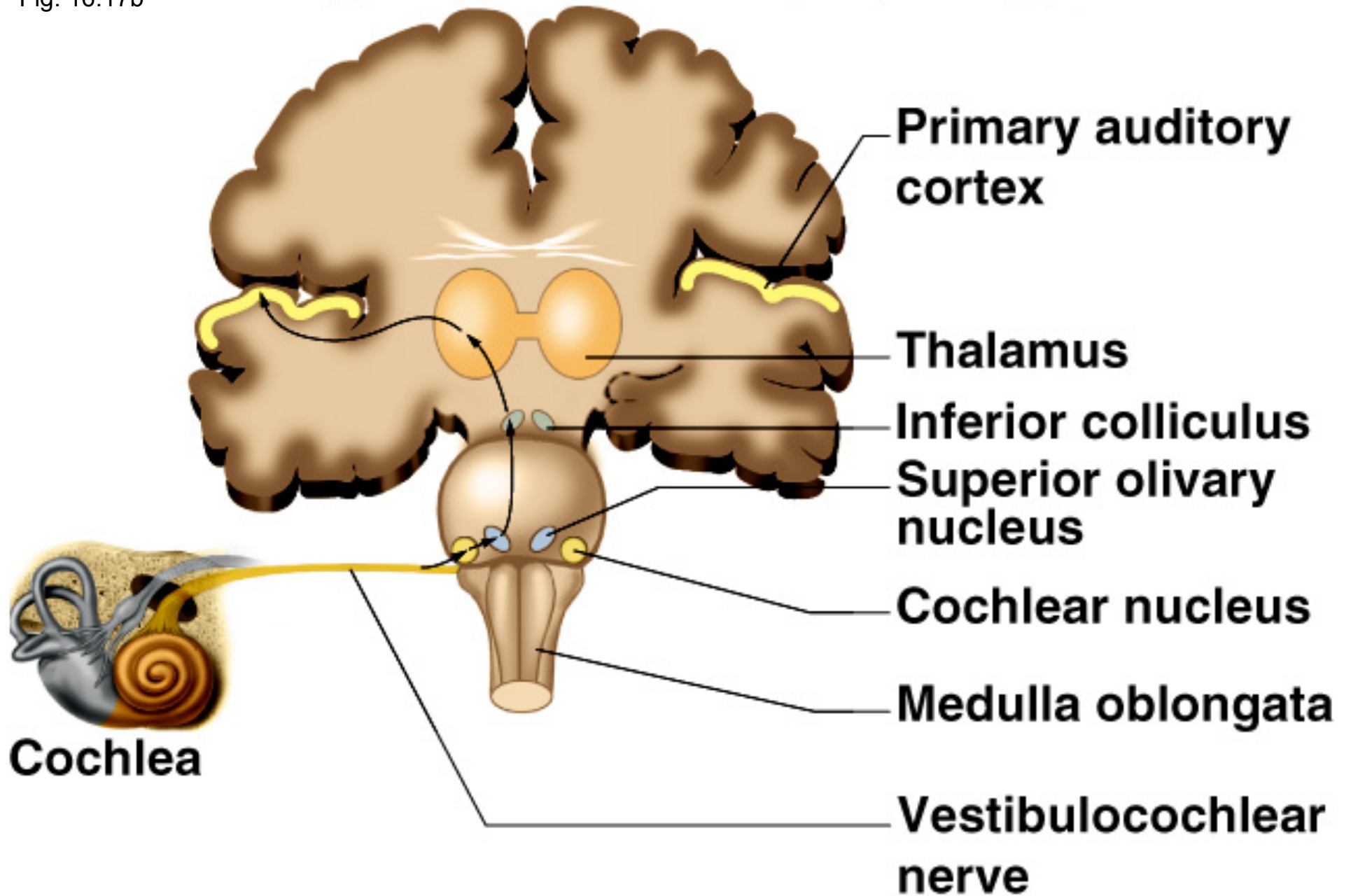


Fig. 16.17b

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(b)

Auditory Pathway

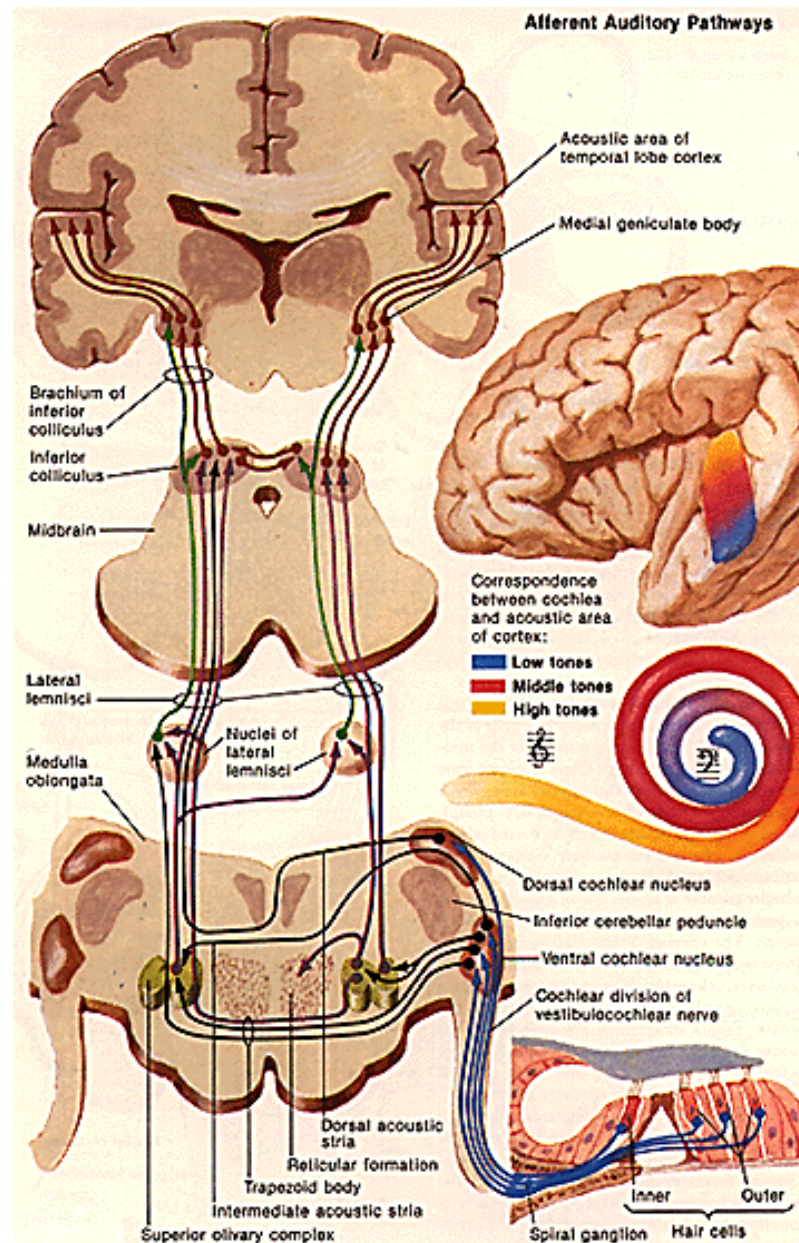


Fig. 16.18

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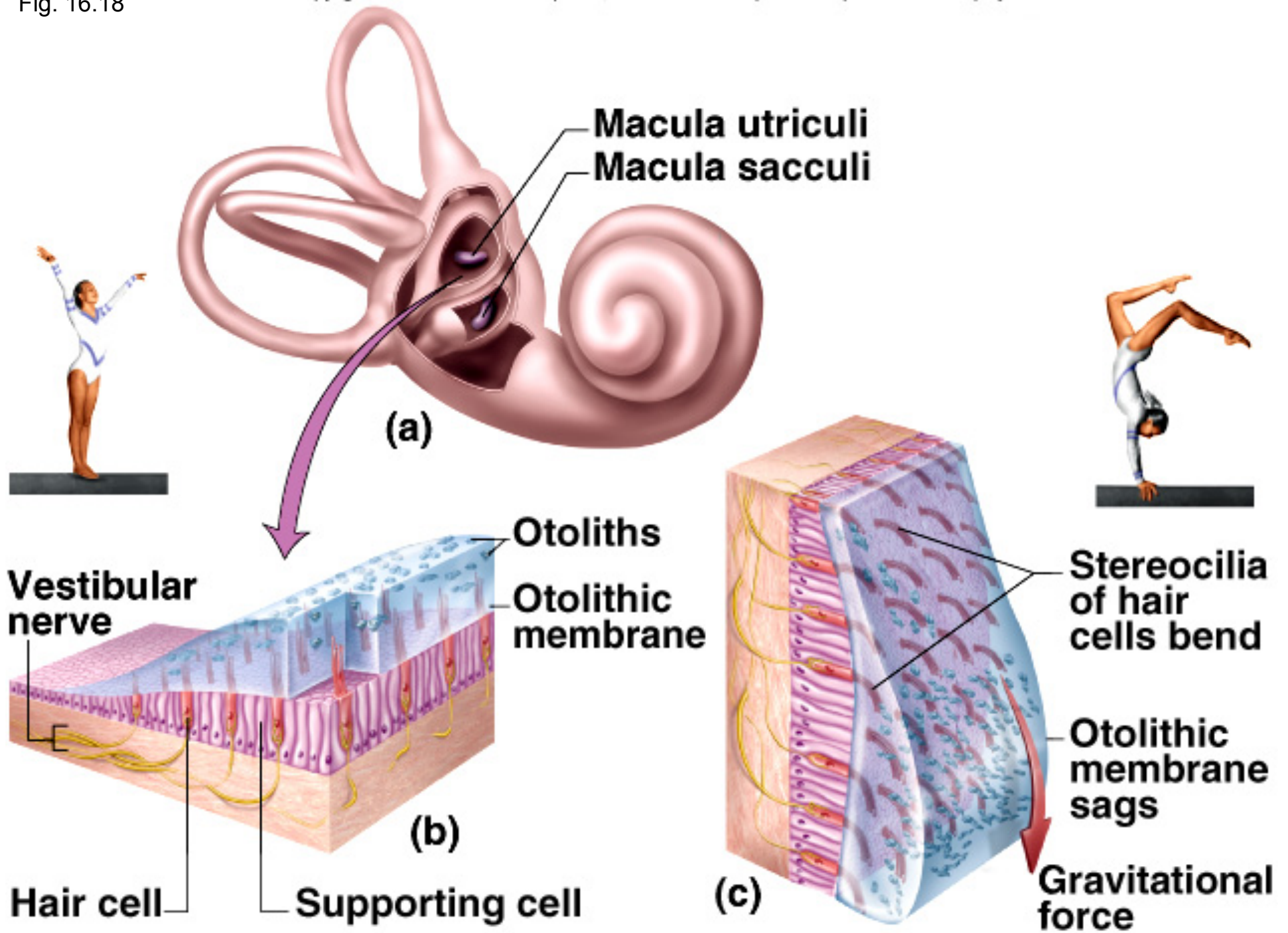


Fig. 16.18a

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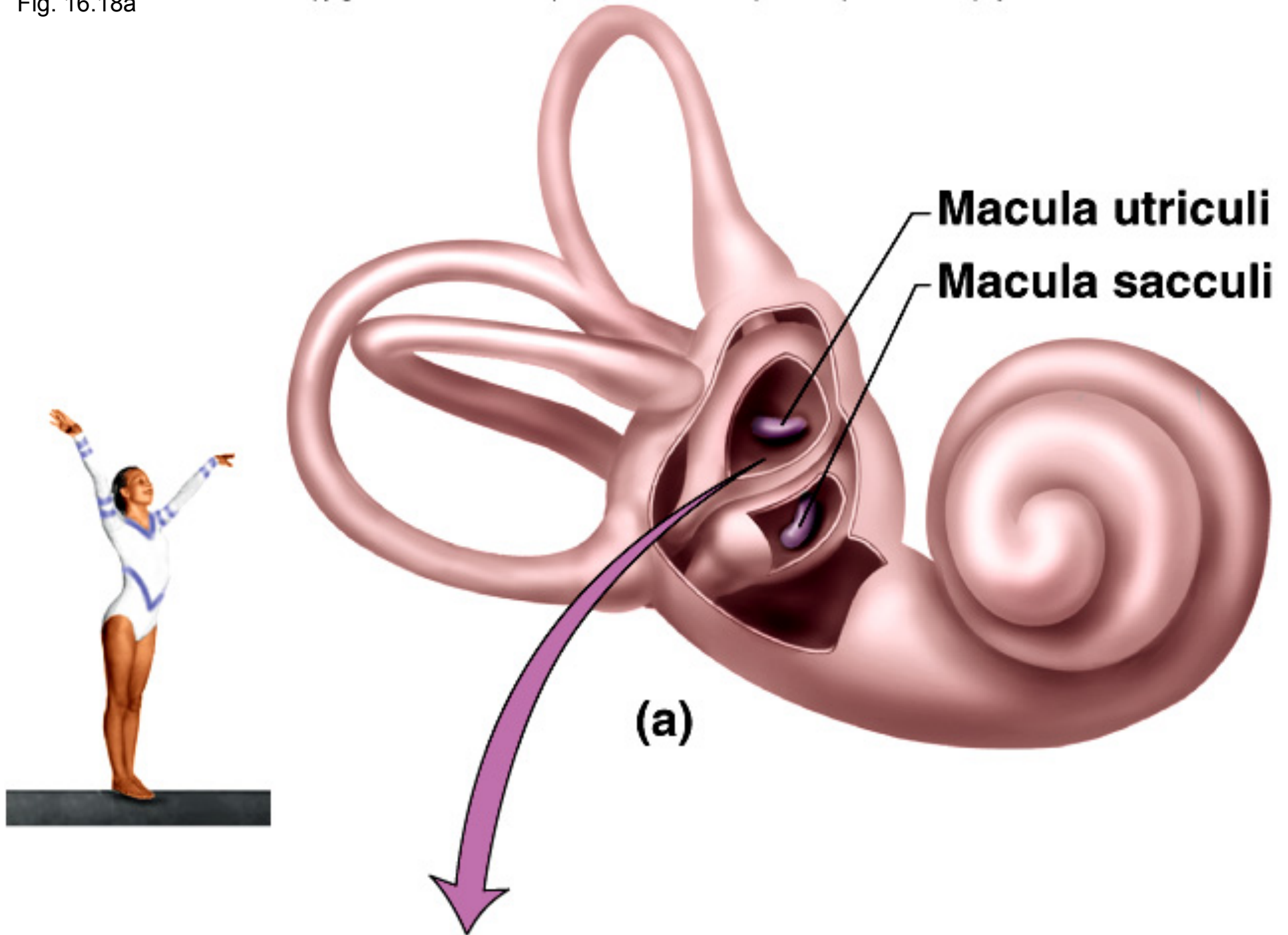
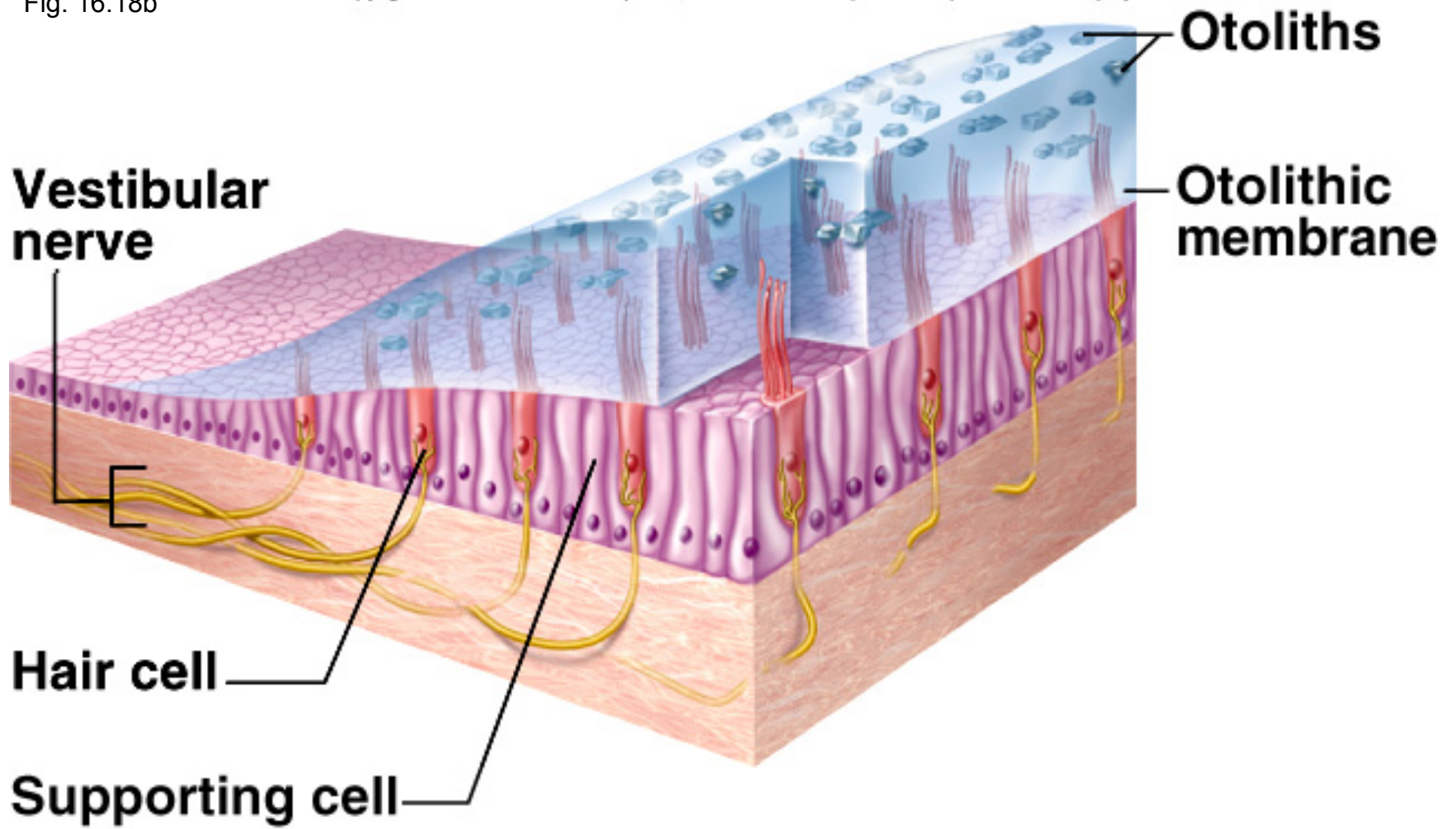


Fig. 16.18b

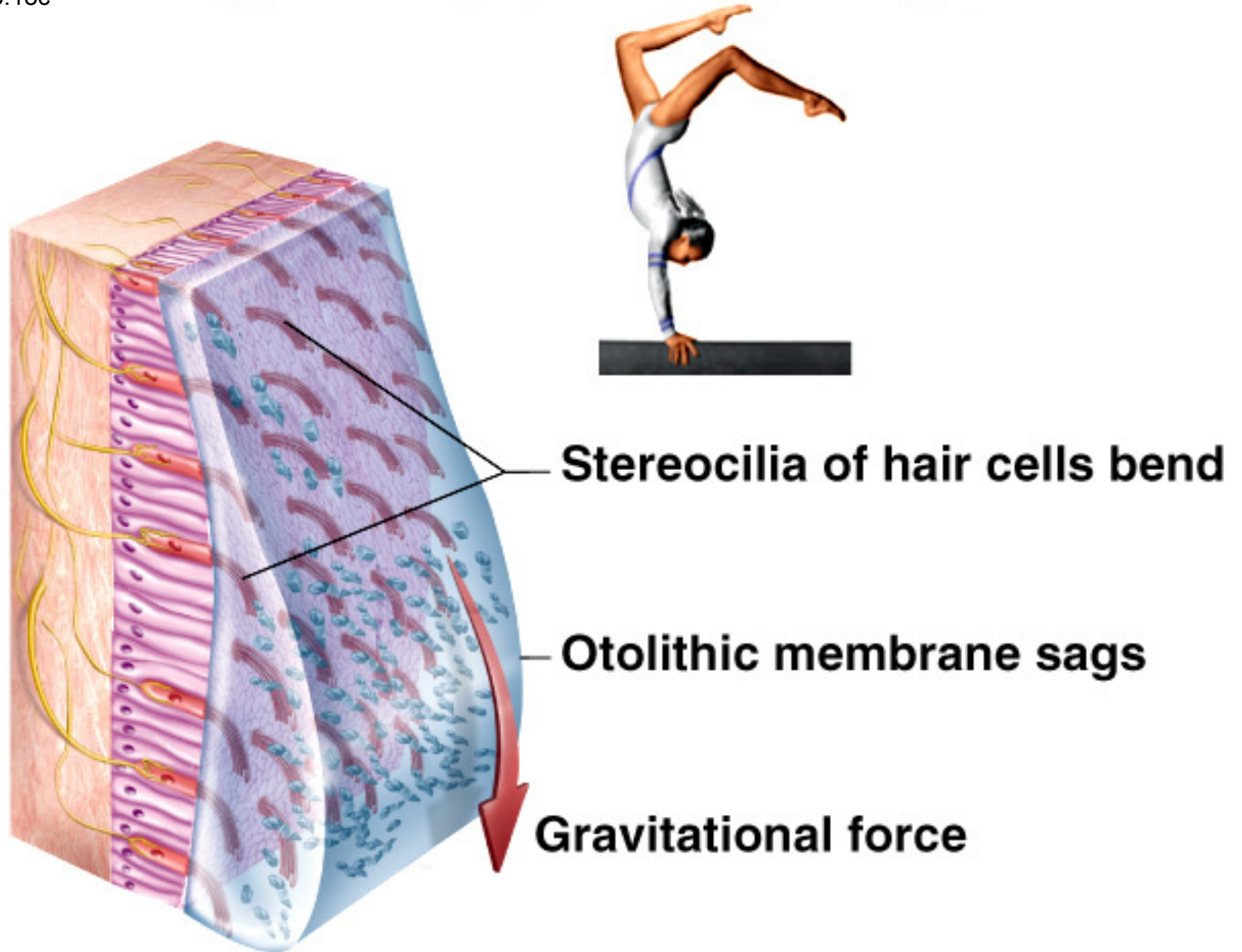
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(b)

Fig. 16.18c

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(c)

Fig. 16.19

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