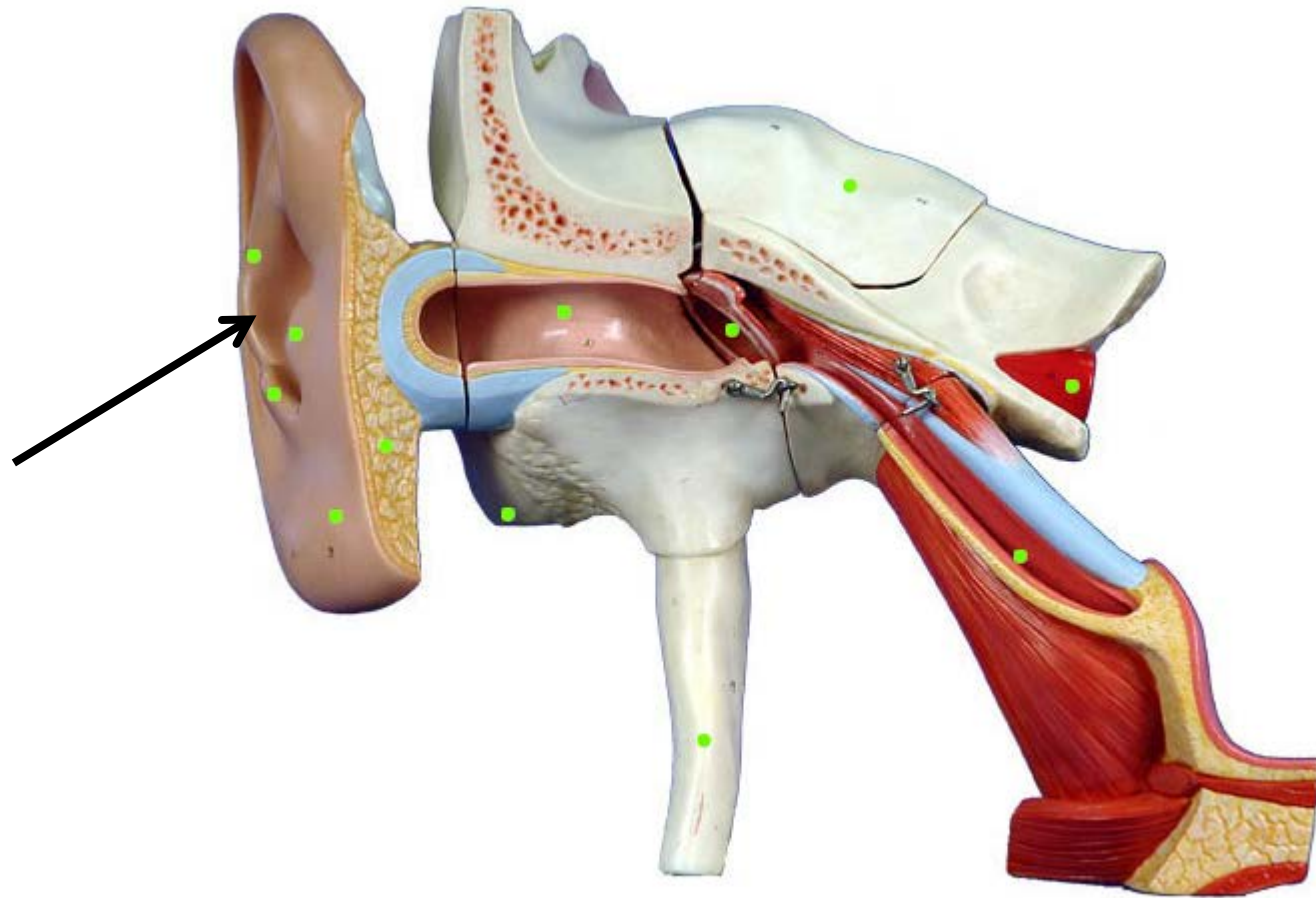
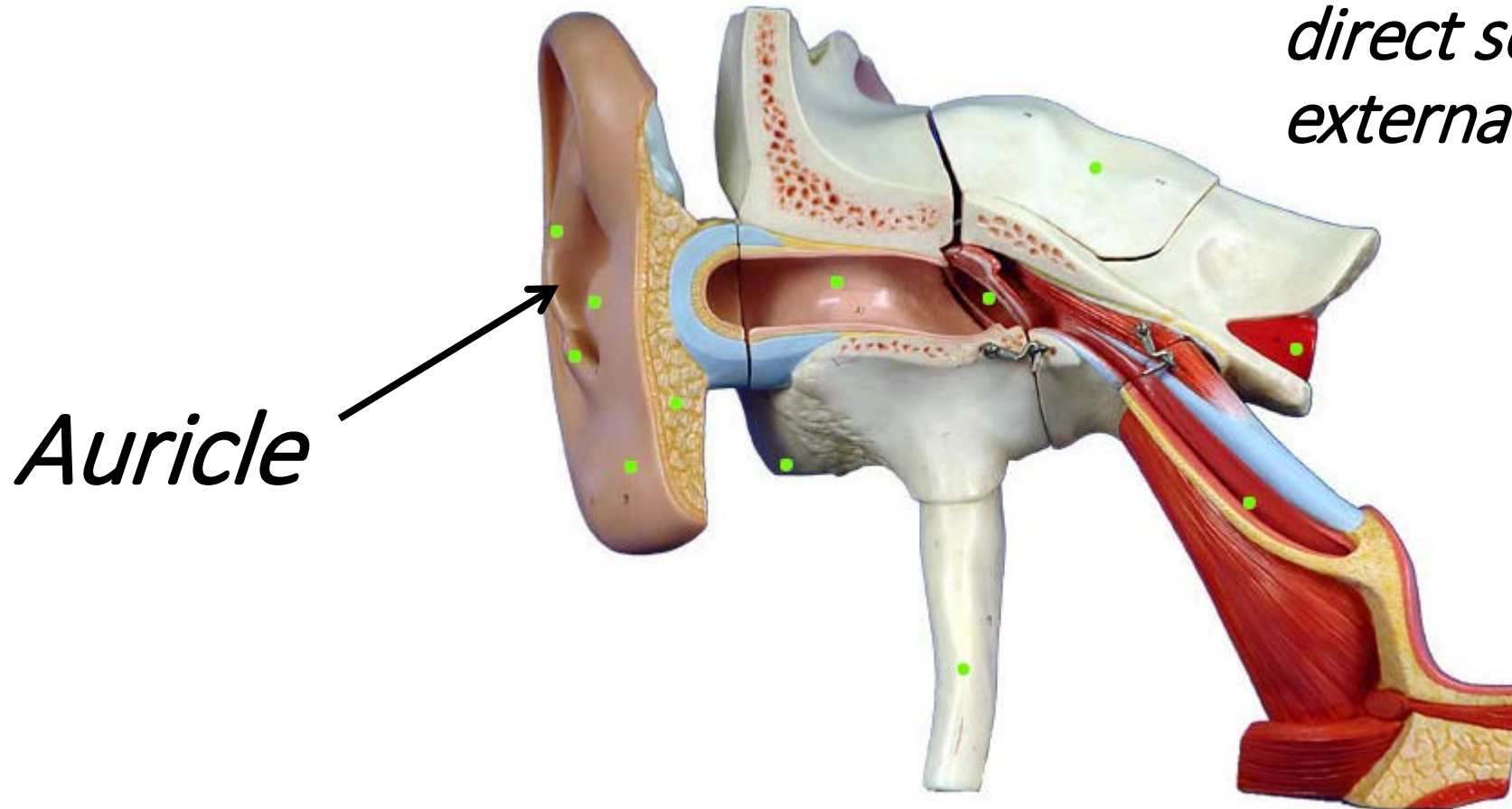


*What is the structure and function?*

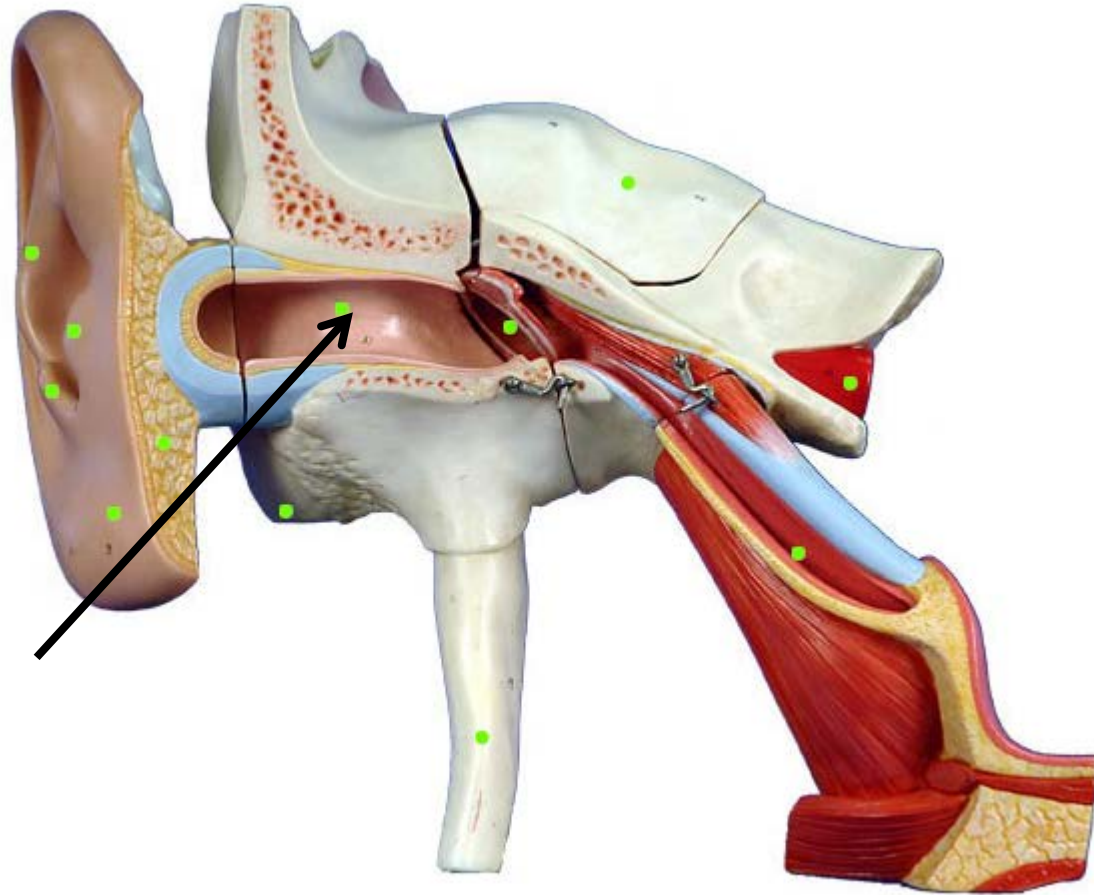


# *What is the structure and function?*

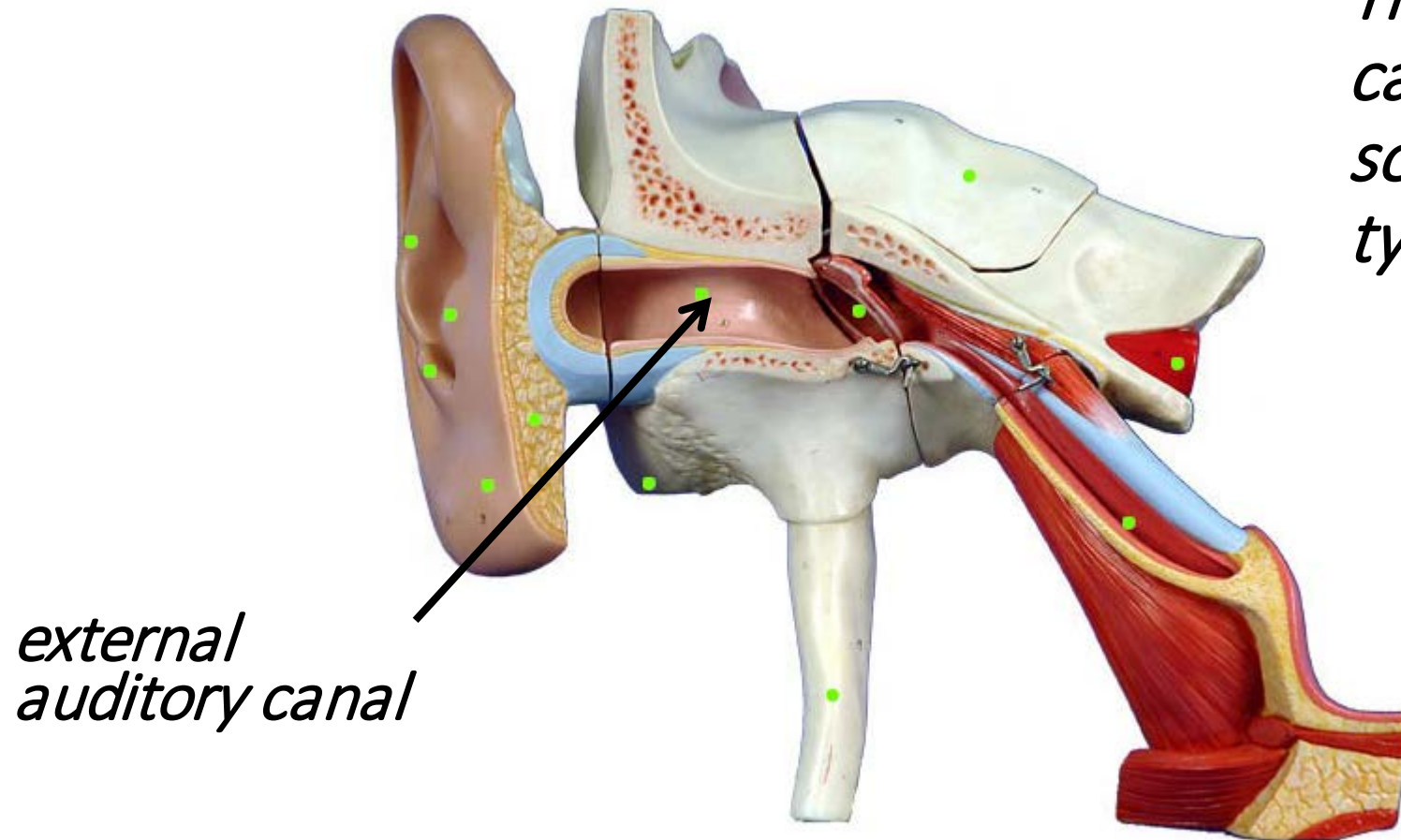
*The auricle functions to direct sound waves into the external auditory canal.*



*What is the structure and function?*



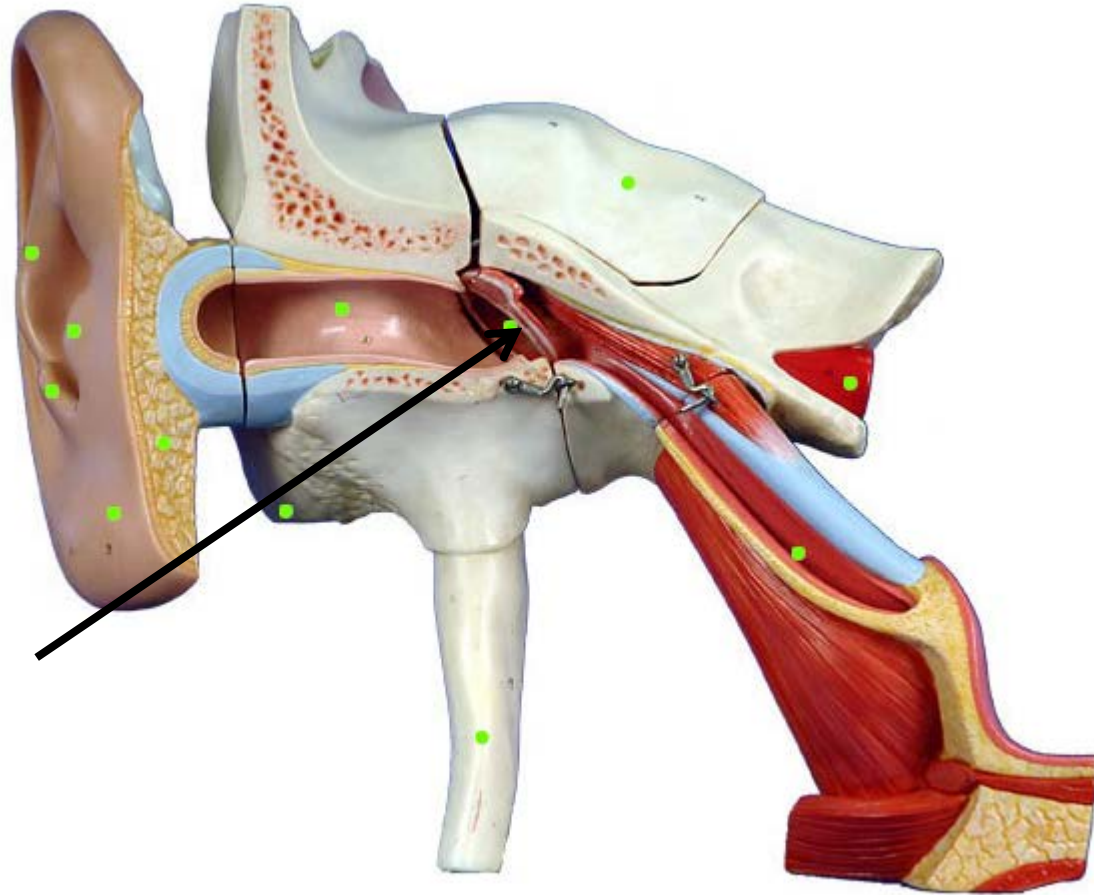
# *What is the structure and function?*



*The external auditory canal functions to funnel sound waves to the tympanic membrane.*

*external  
auditory canal*

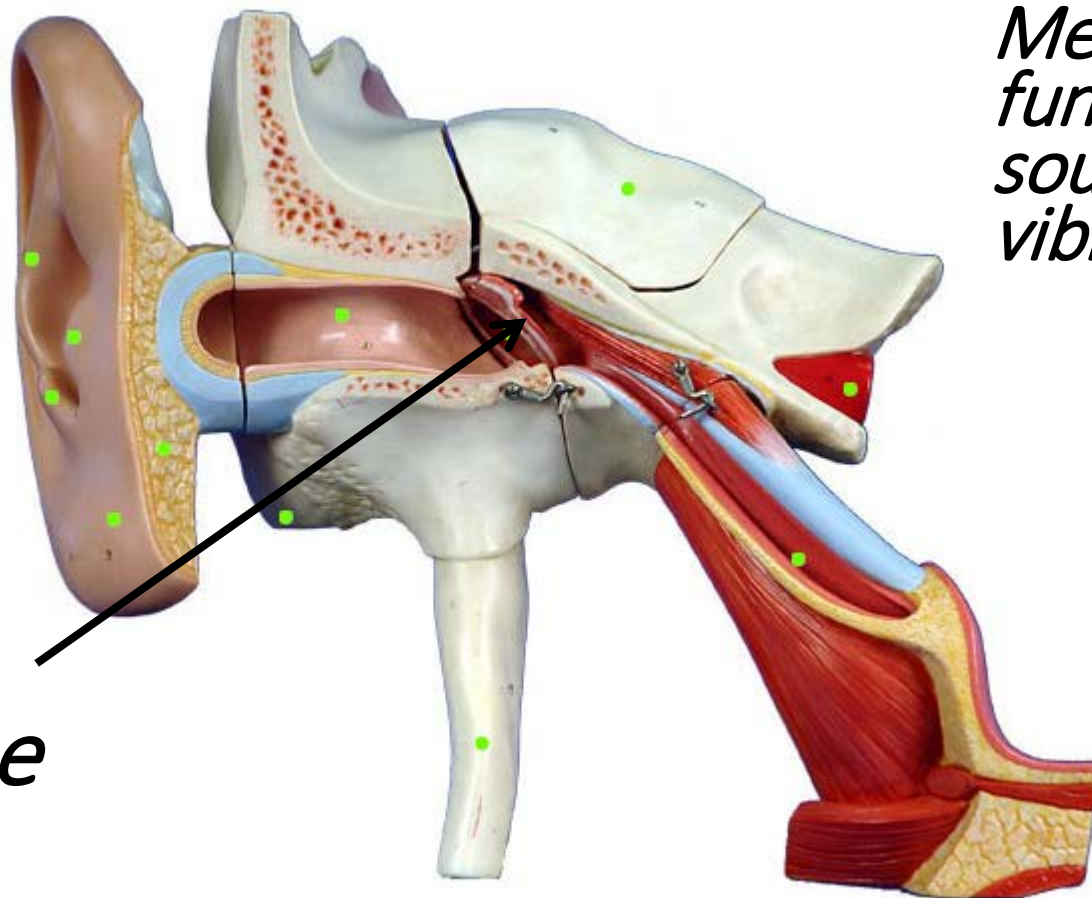
*What is the structure and function?*



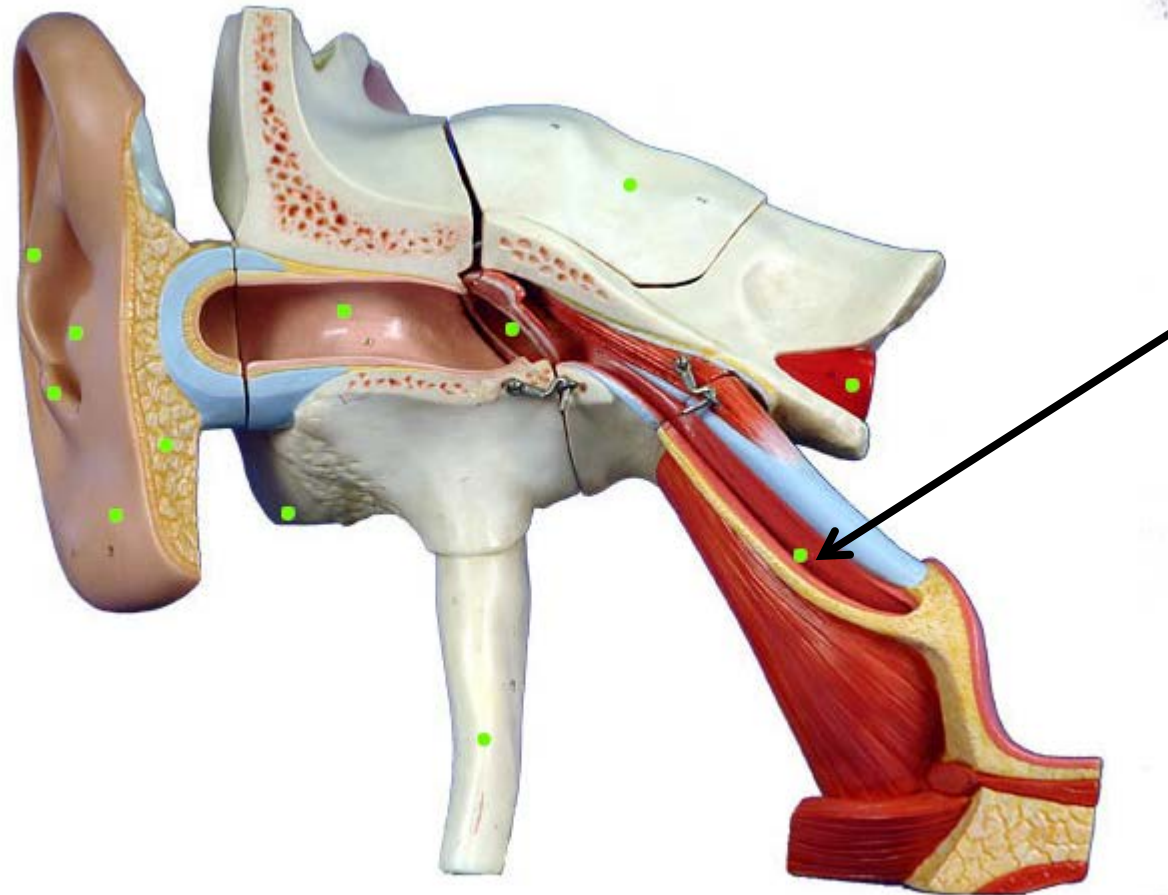
# *What is the structure and function?*

*The Tympanic Membrane functions to convert sound waves into vibrations.*

*Tympanic Membrane*

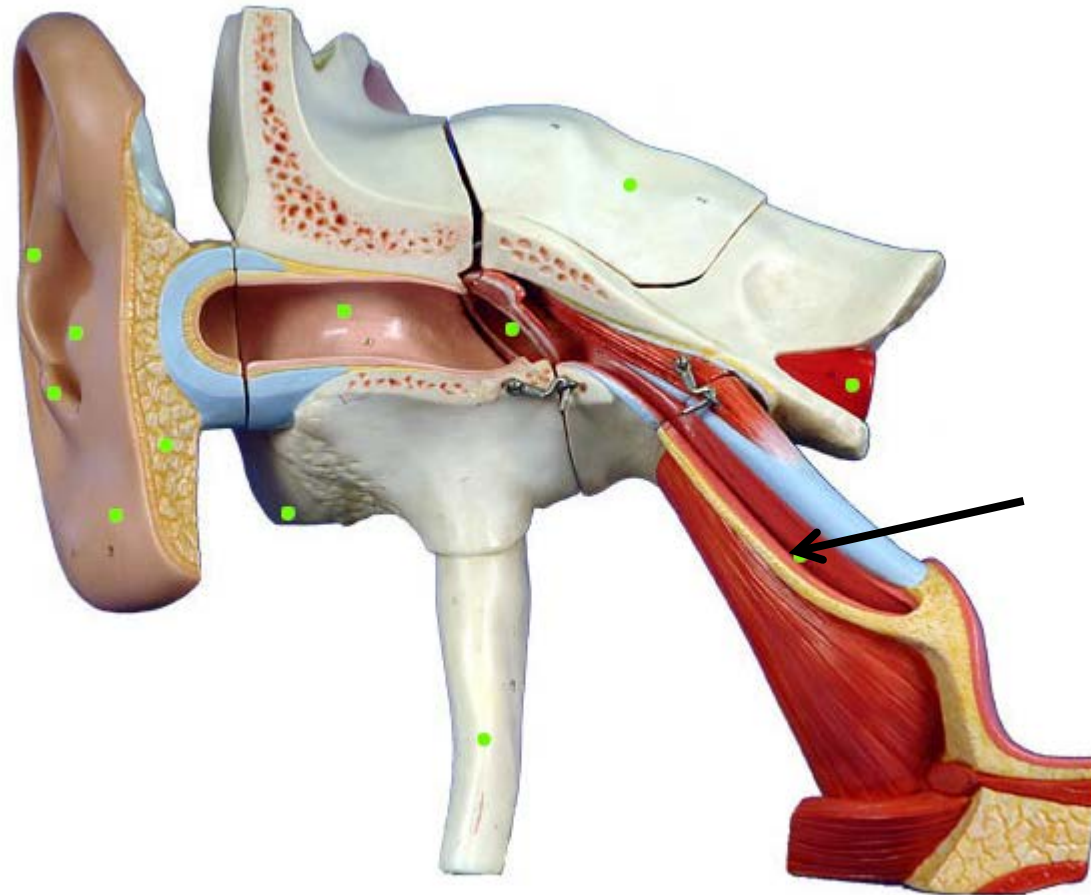


*What is the structure and function?*



# *What is the structure and function?*

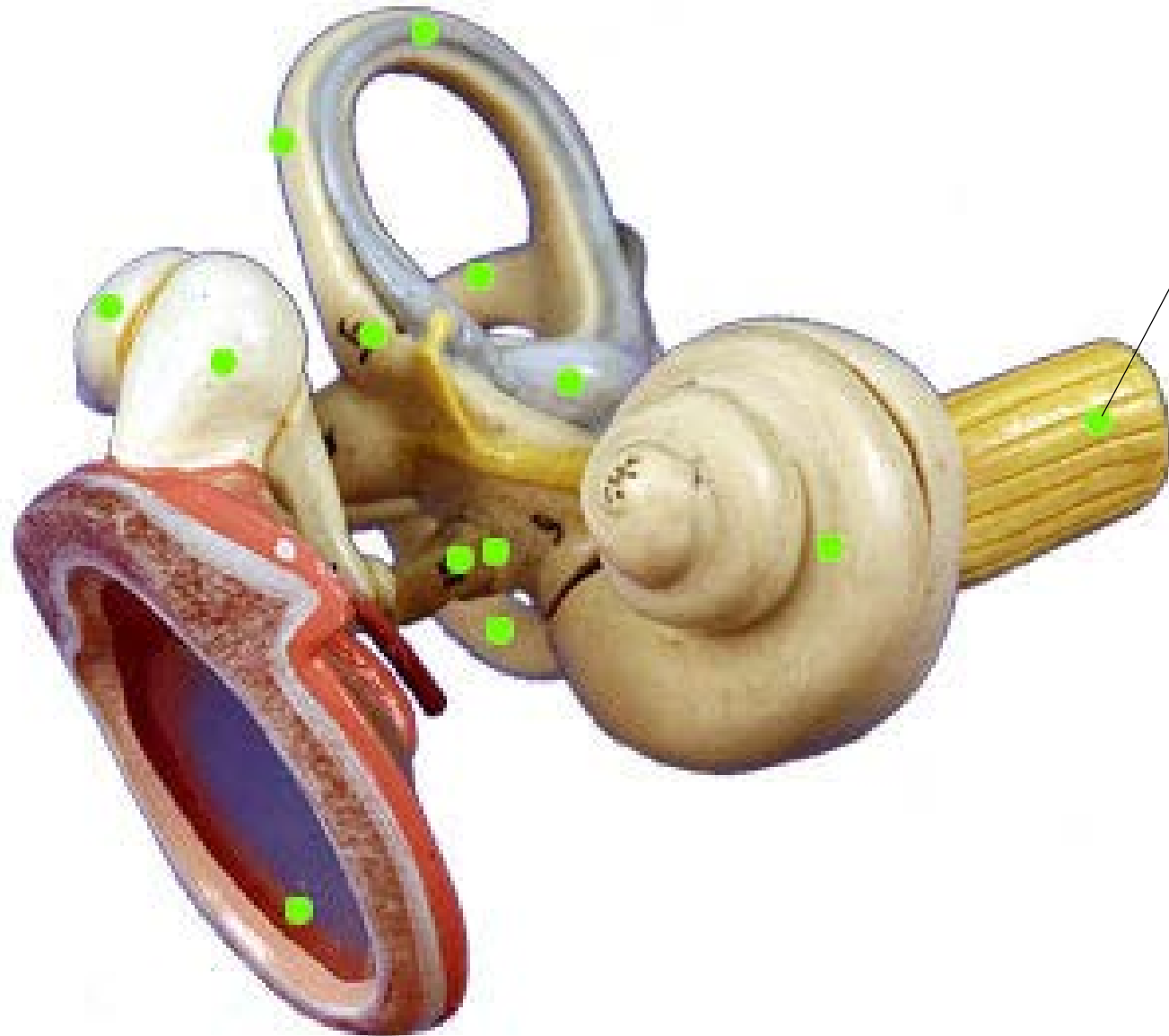
*The Auditory (Eustachian) Tube functions equalize pressure within the ear.*



*Auditory (Eustachian) Tube*

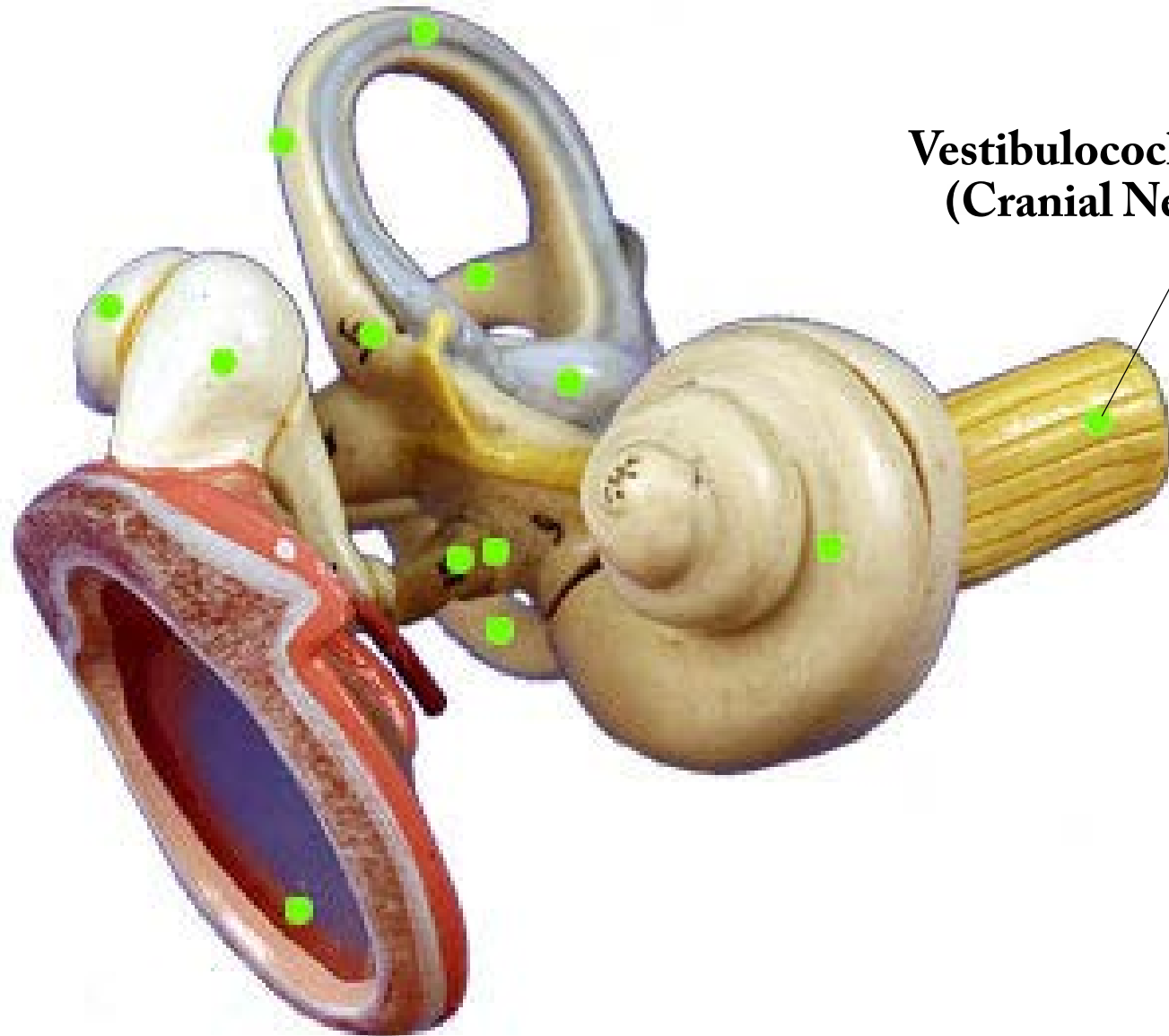


# What is the structure and function?



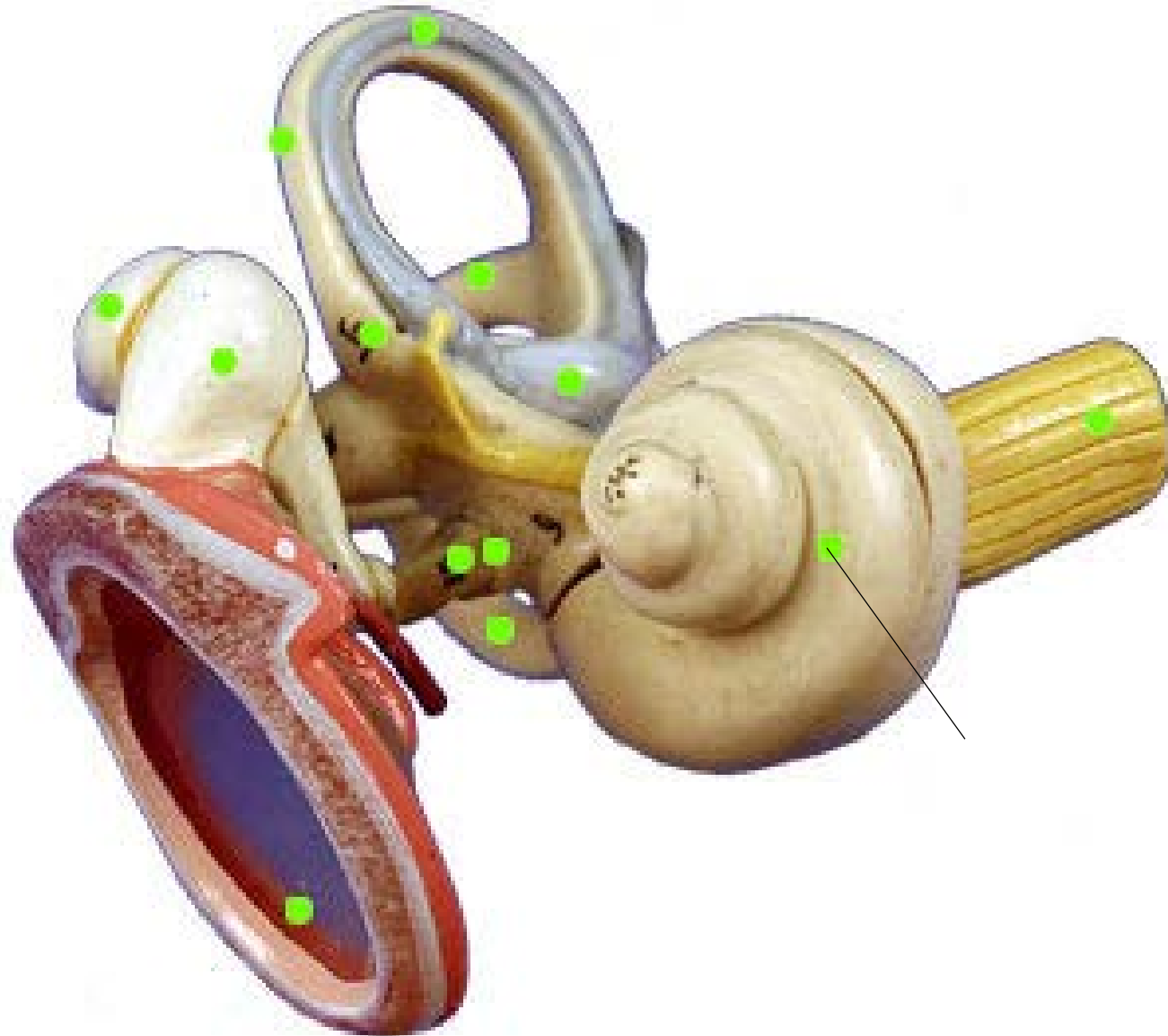
# What is the structure and function?

The Vestibulocochlear Nerve (Cranial Nerve VIII) functions to send sound information to the brain.



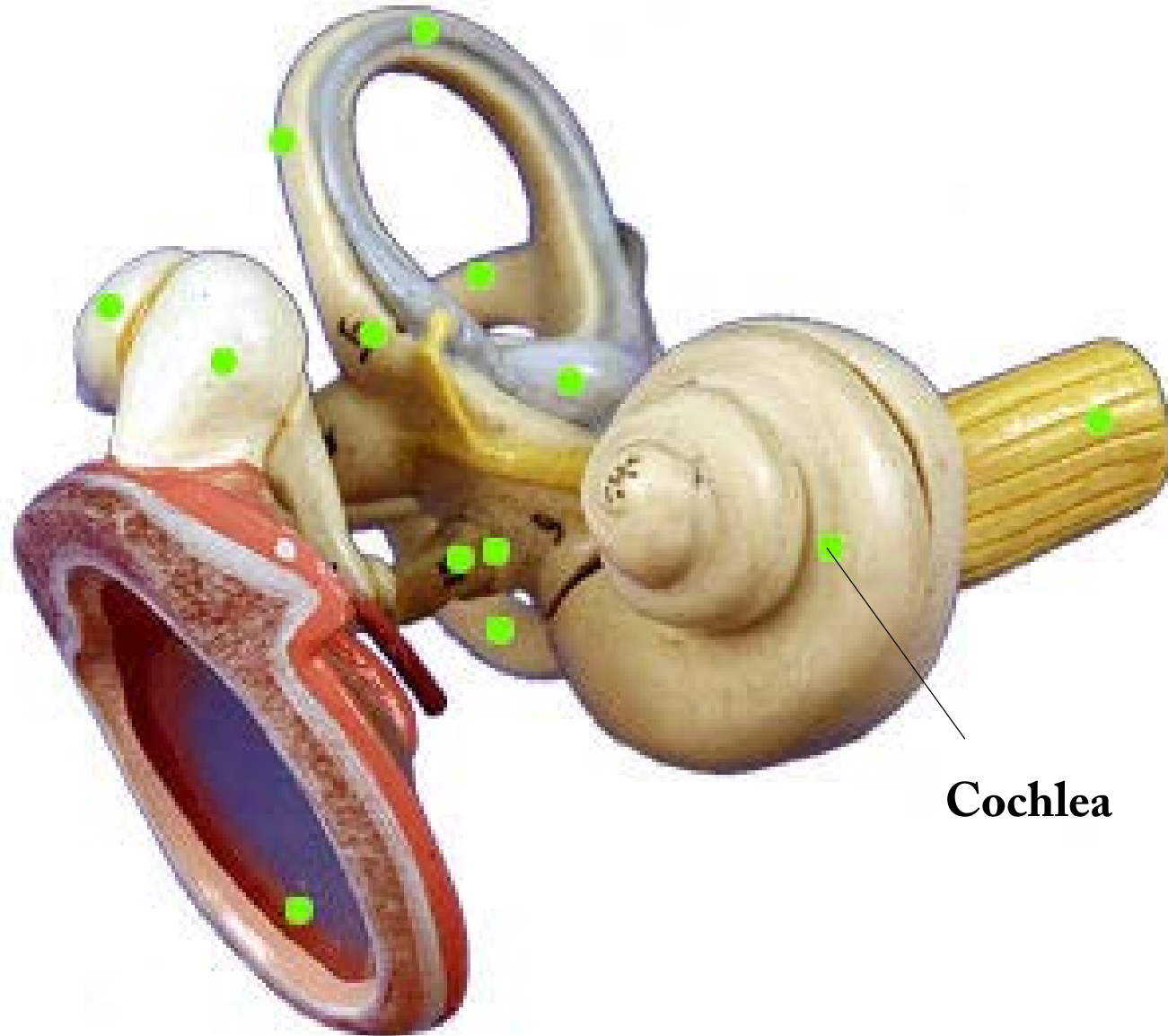
Vestibulocochlear Nerve  
(Cranial Nerve VIII)

# What is the structure and function?

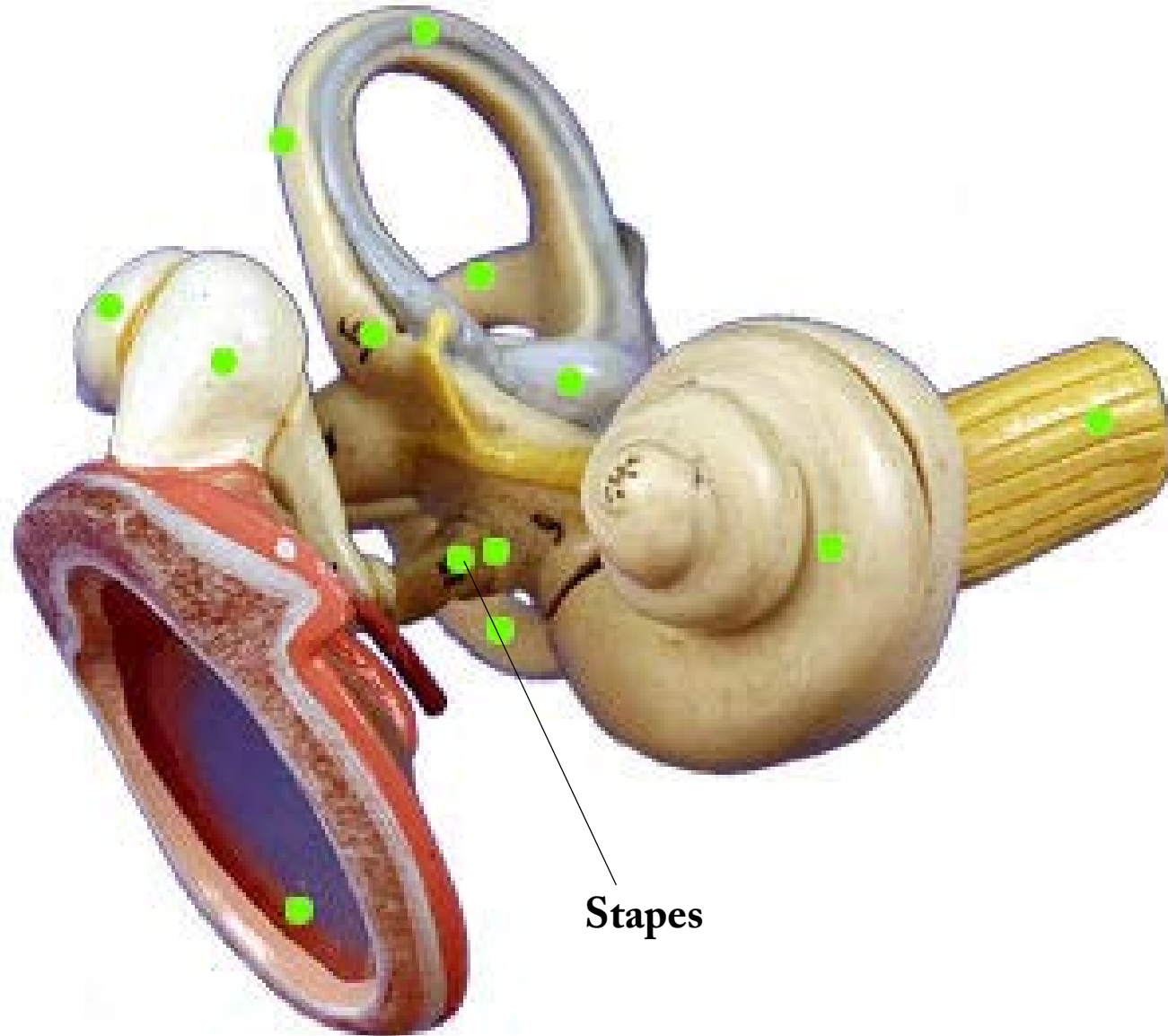


# What is the structure and function?

The cochlea functions to translate sound wave information into electrical signals that will be sent to the brain.

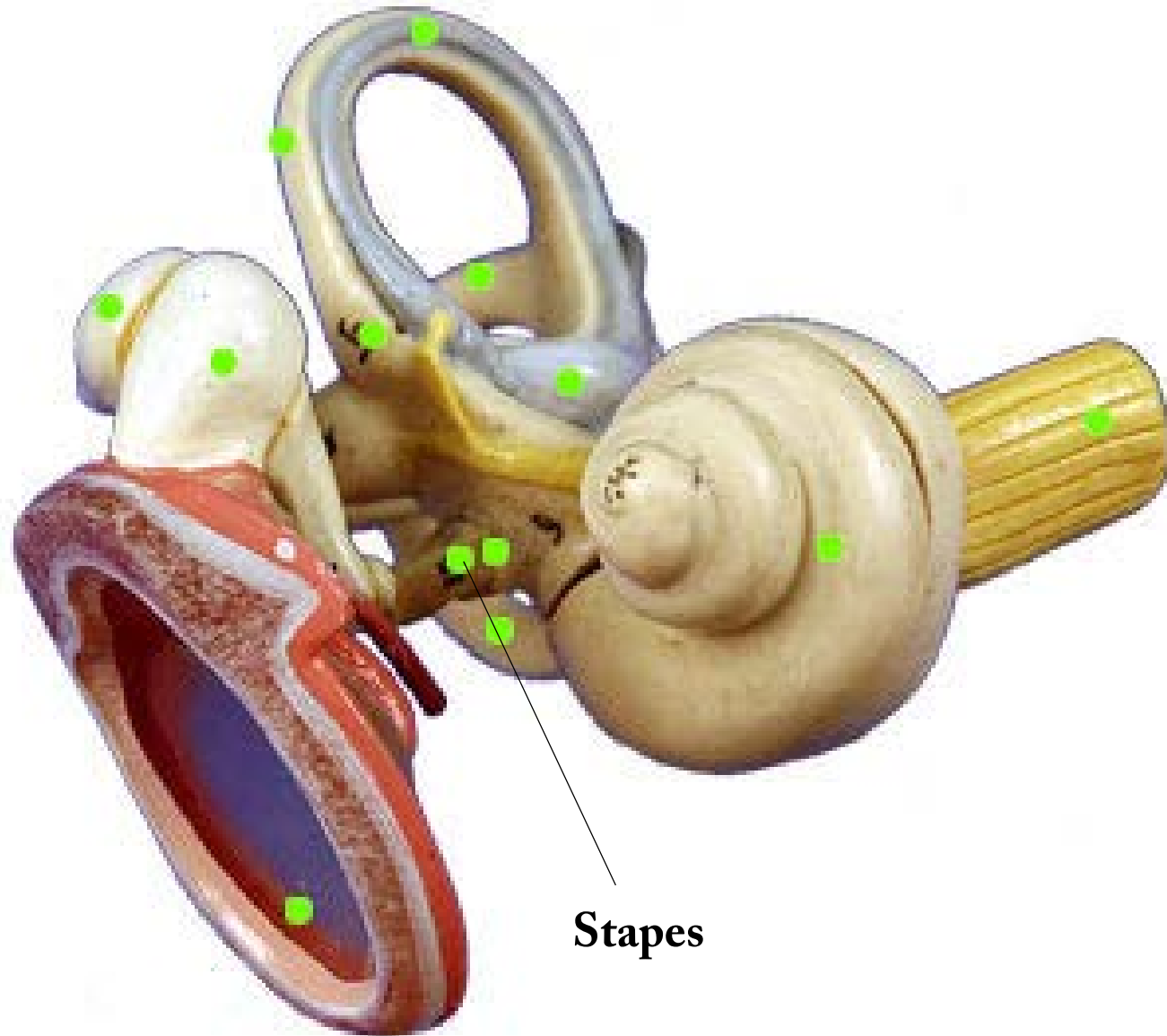


# What is the structure and function?

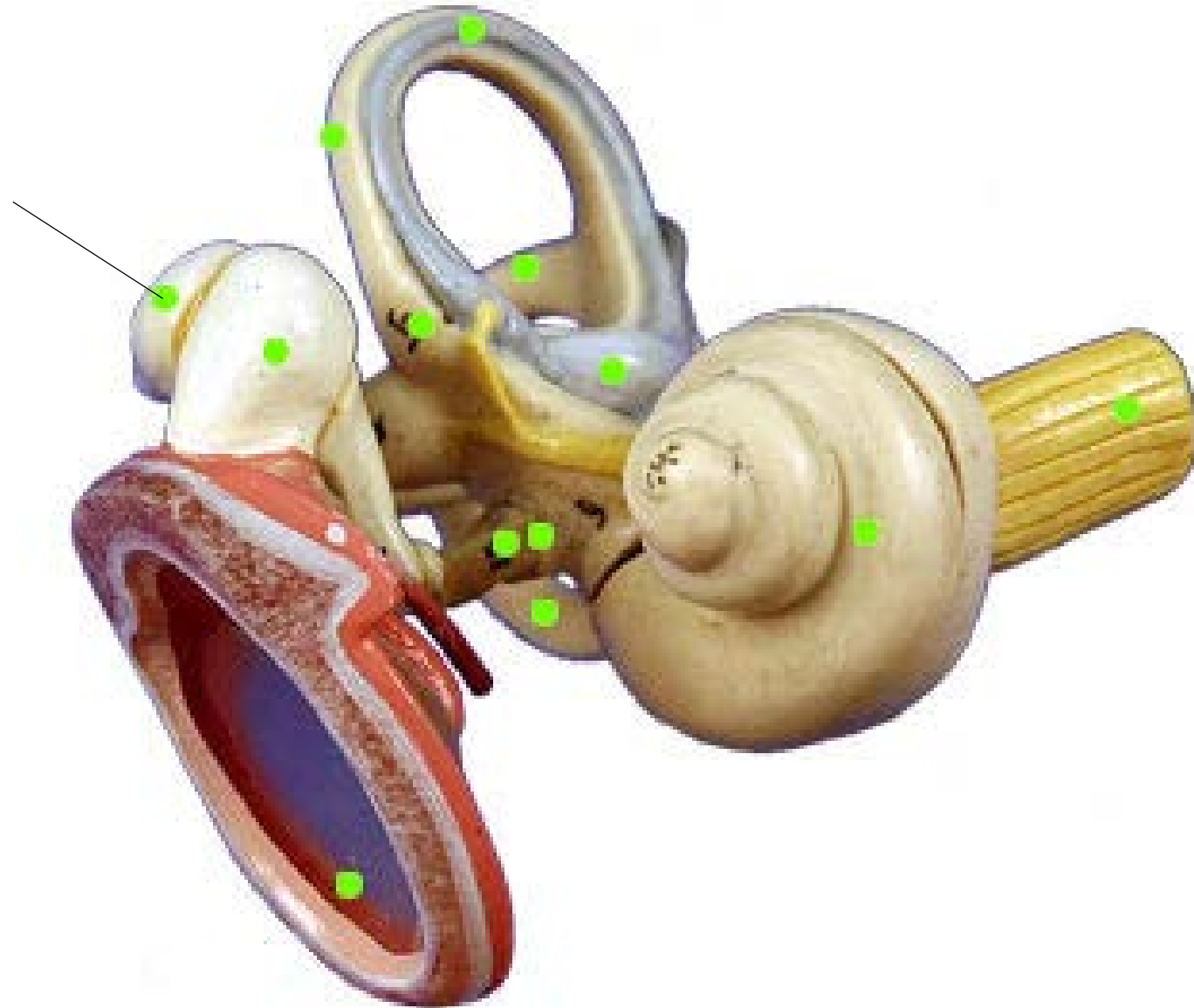


# What is the structure and function?

The stapes is one of the three ear ossicles. The ossicles function to amplify the sound signals received from the tympanic membrane.



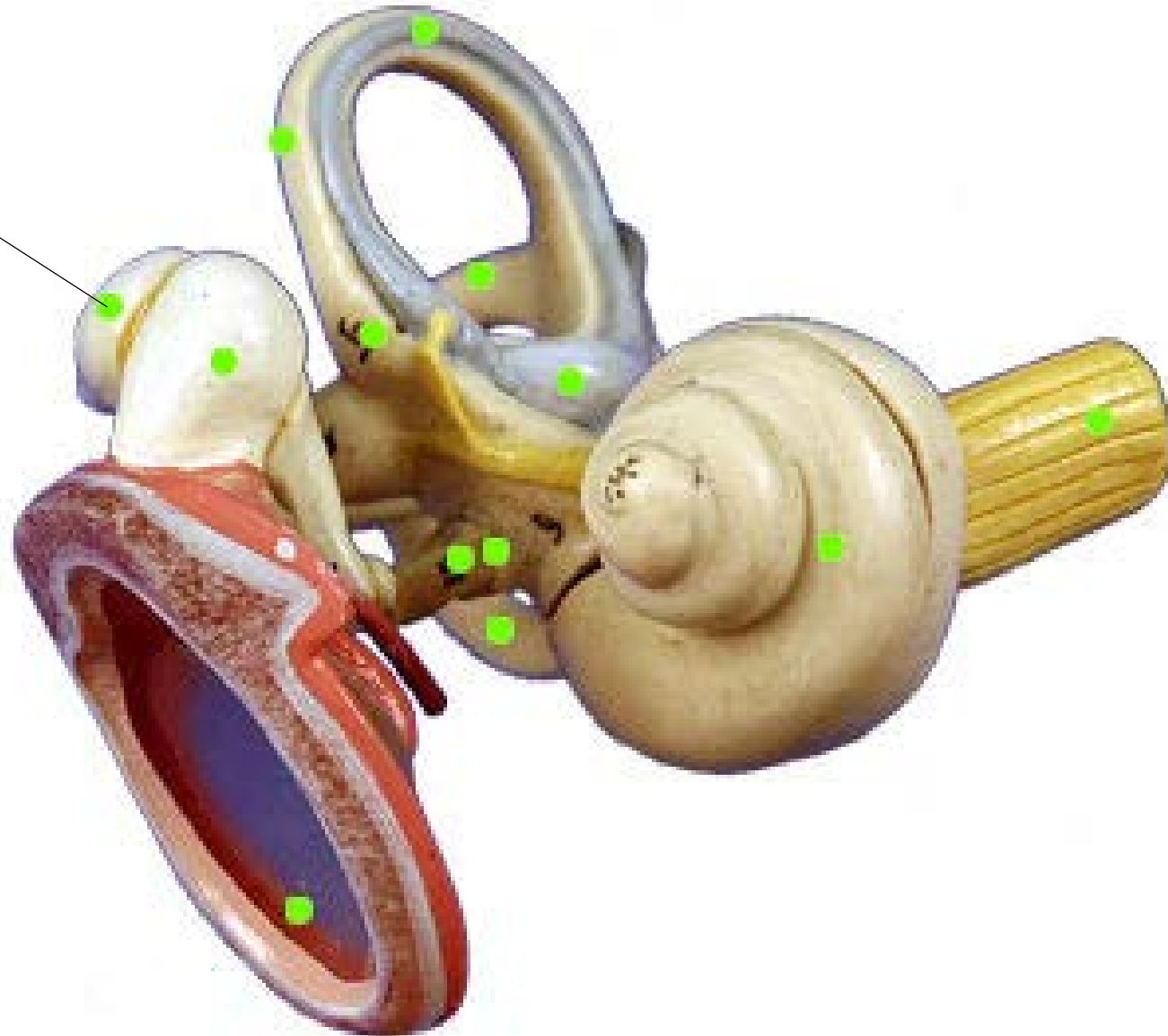
# What is the structure and function?



# What is the structure and function?

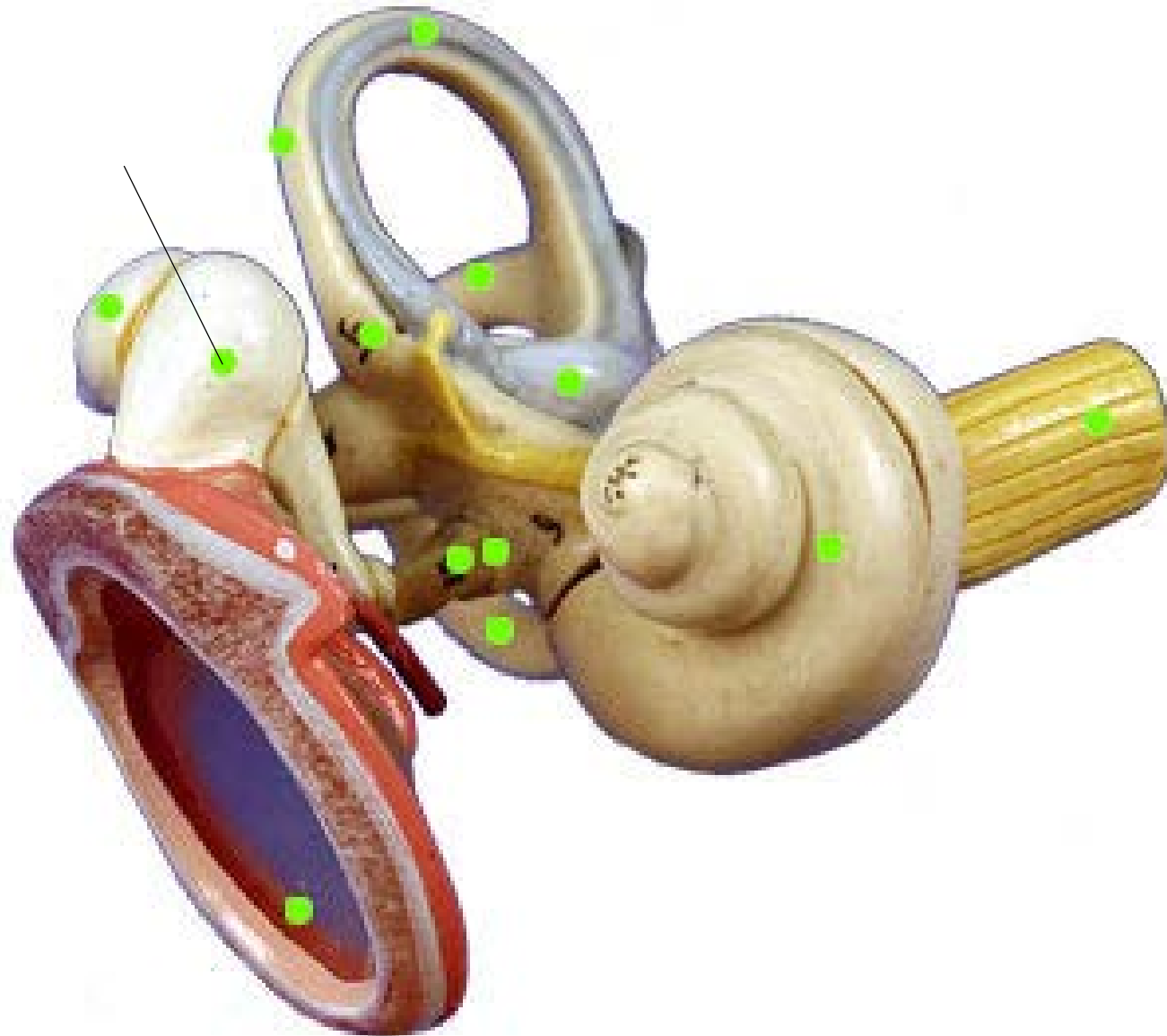
Incus

The Incus is one of the three ear ossicles. The ossicles function to amplify the sound signals received from the tympanic membrane.



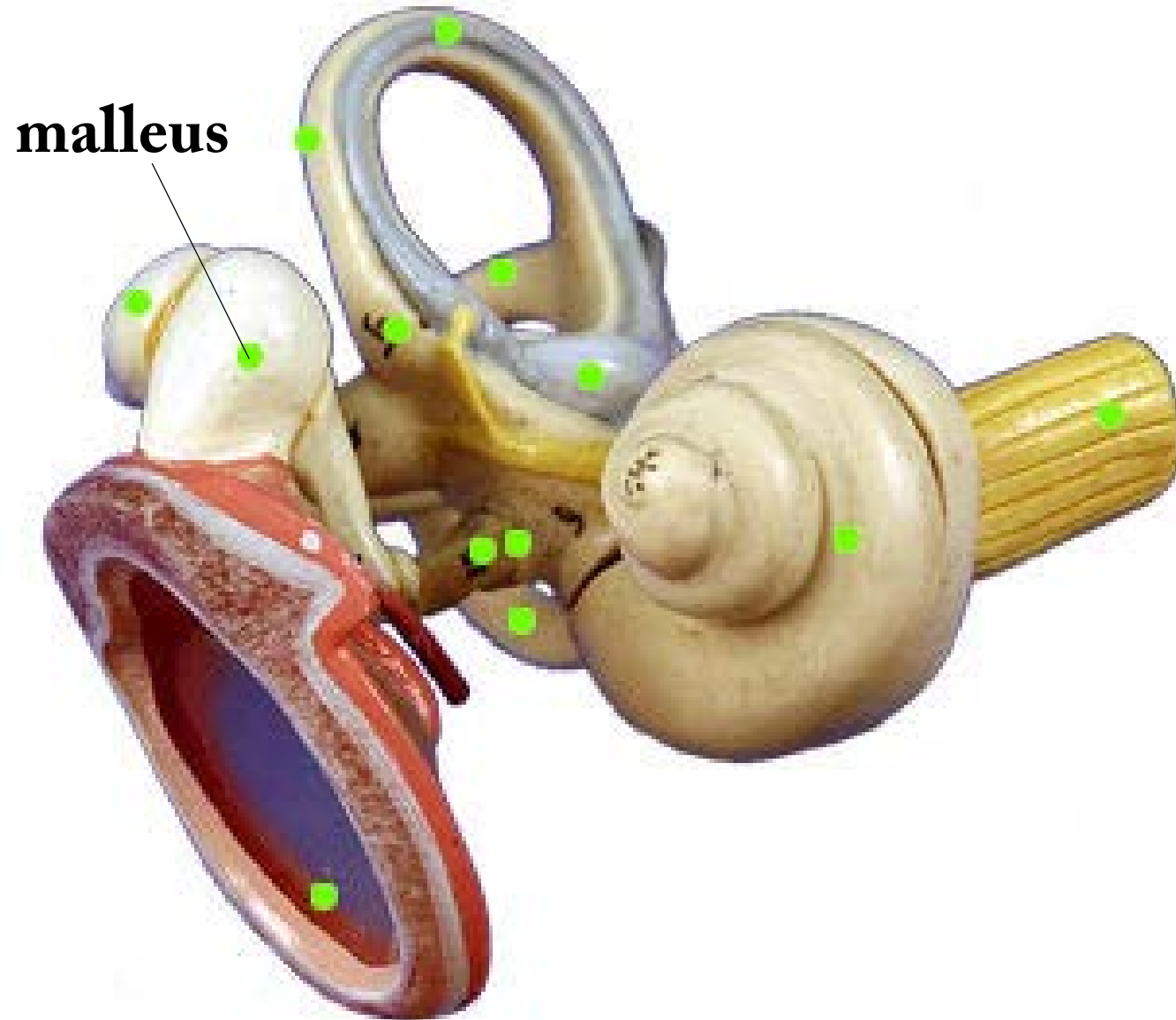


# What is the structure and function?

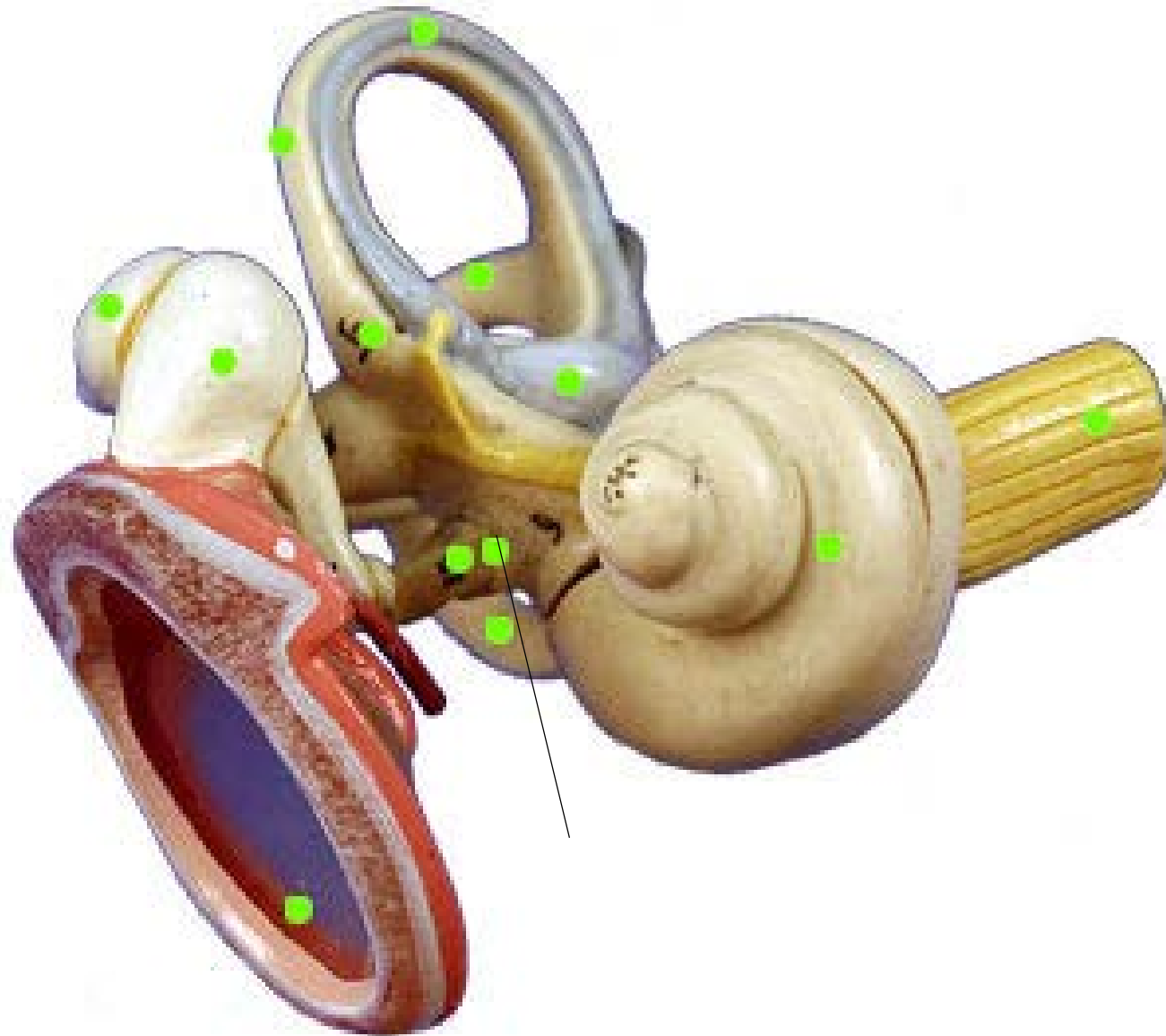


# What is the structure and function?

The malleus is one of the three ear ossicles. The ossicles function to amplify the sound signals received from the tympanic membrane.

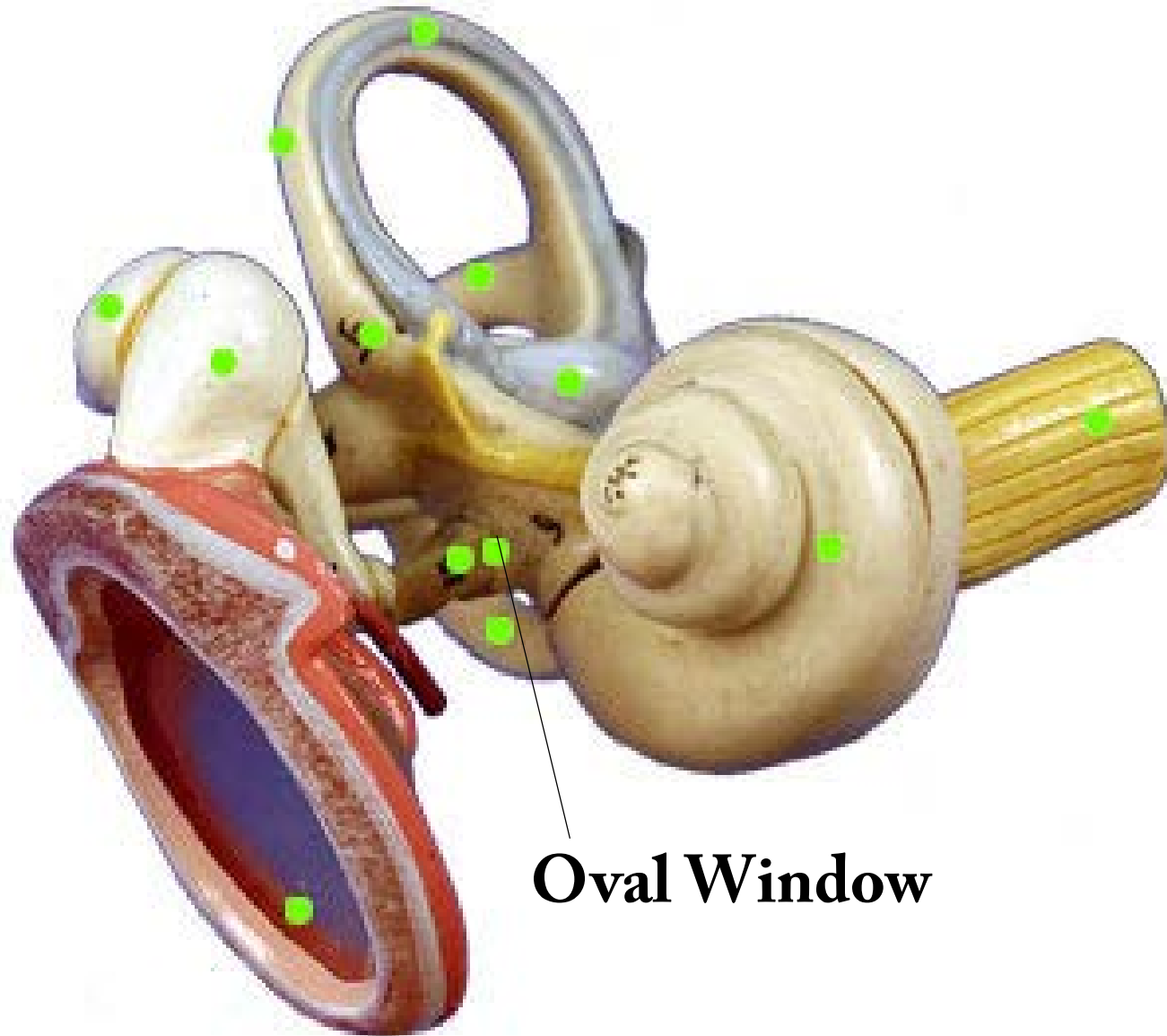


# What is the structure and function?



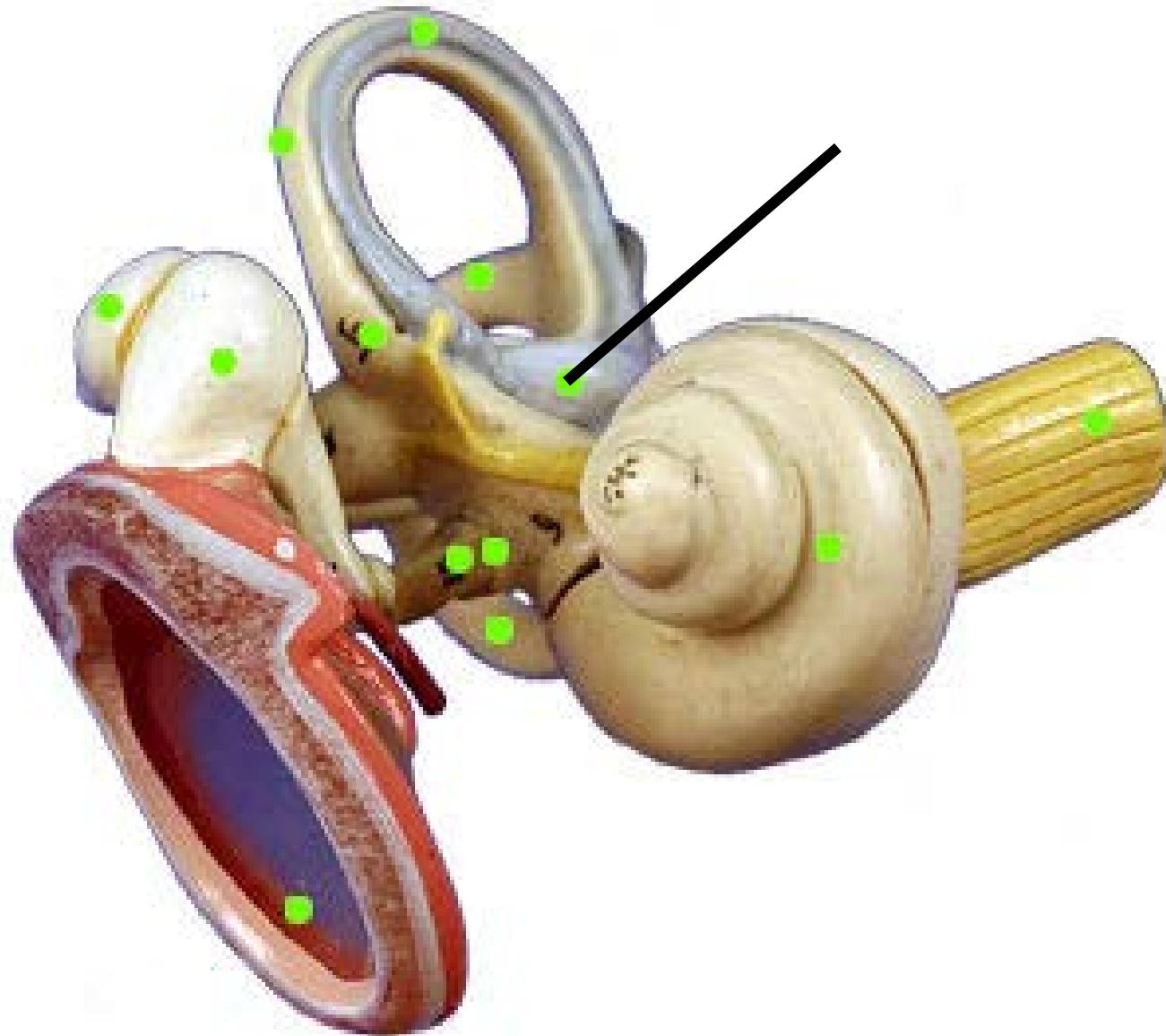
# What is the structure and function?

The oval window functions to amplify the sound signals received from the tympanic membrane.



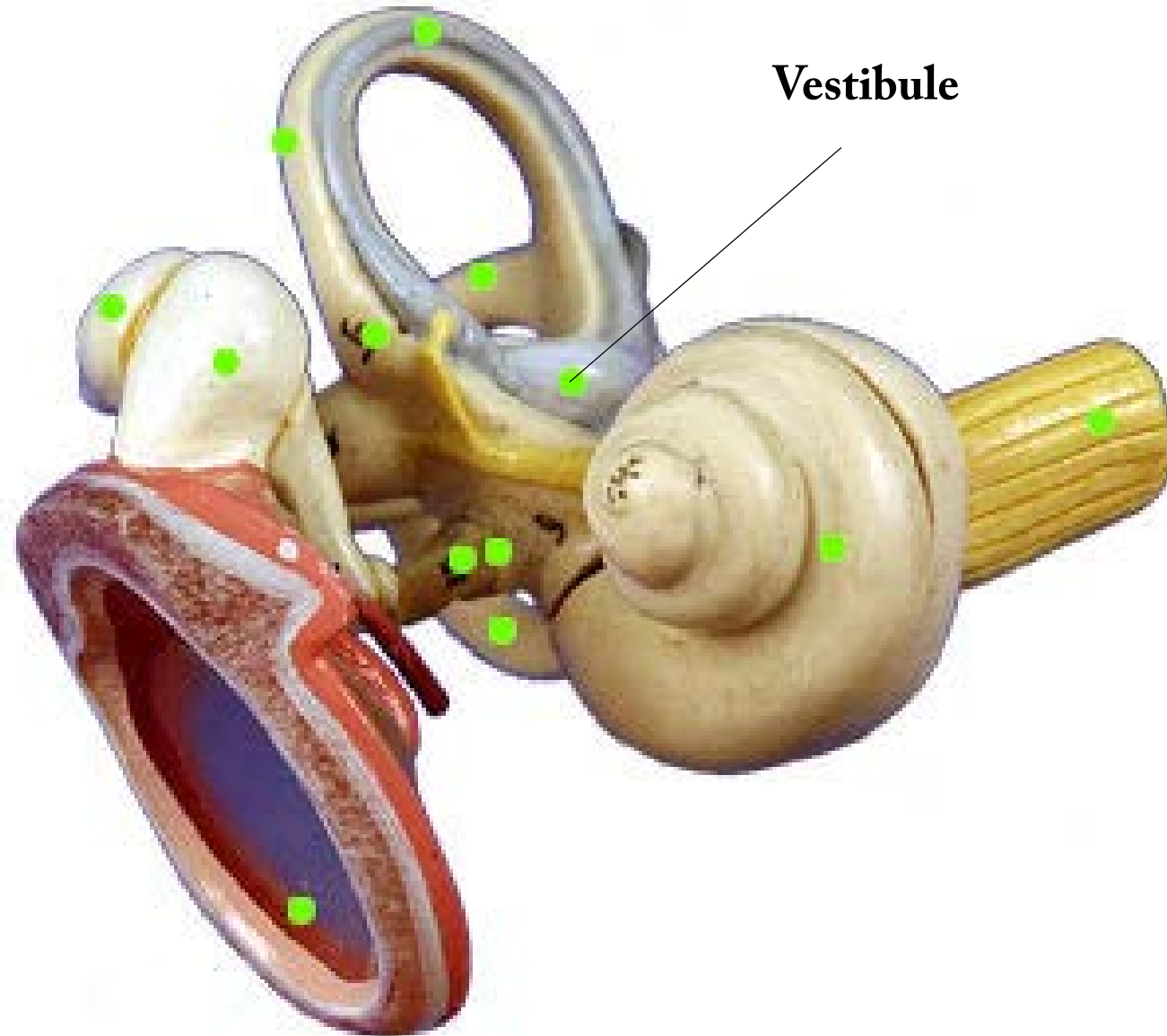
**Oval Window**

# What is the structure and function?

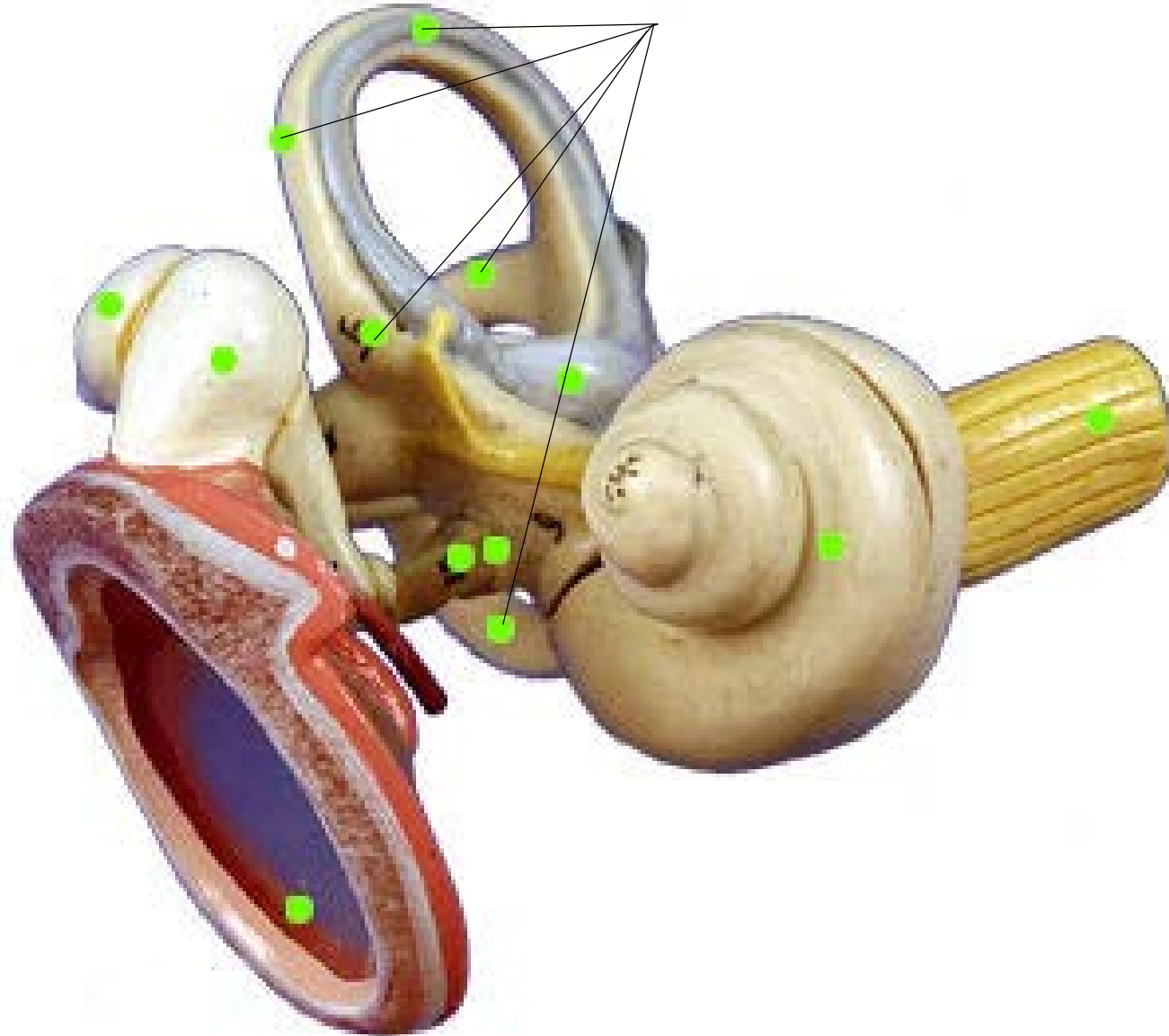


# What is the structure and function?

The vestibule functions to sense changes in acceleration.



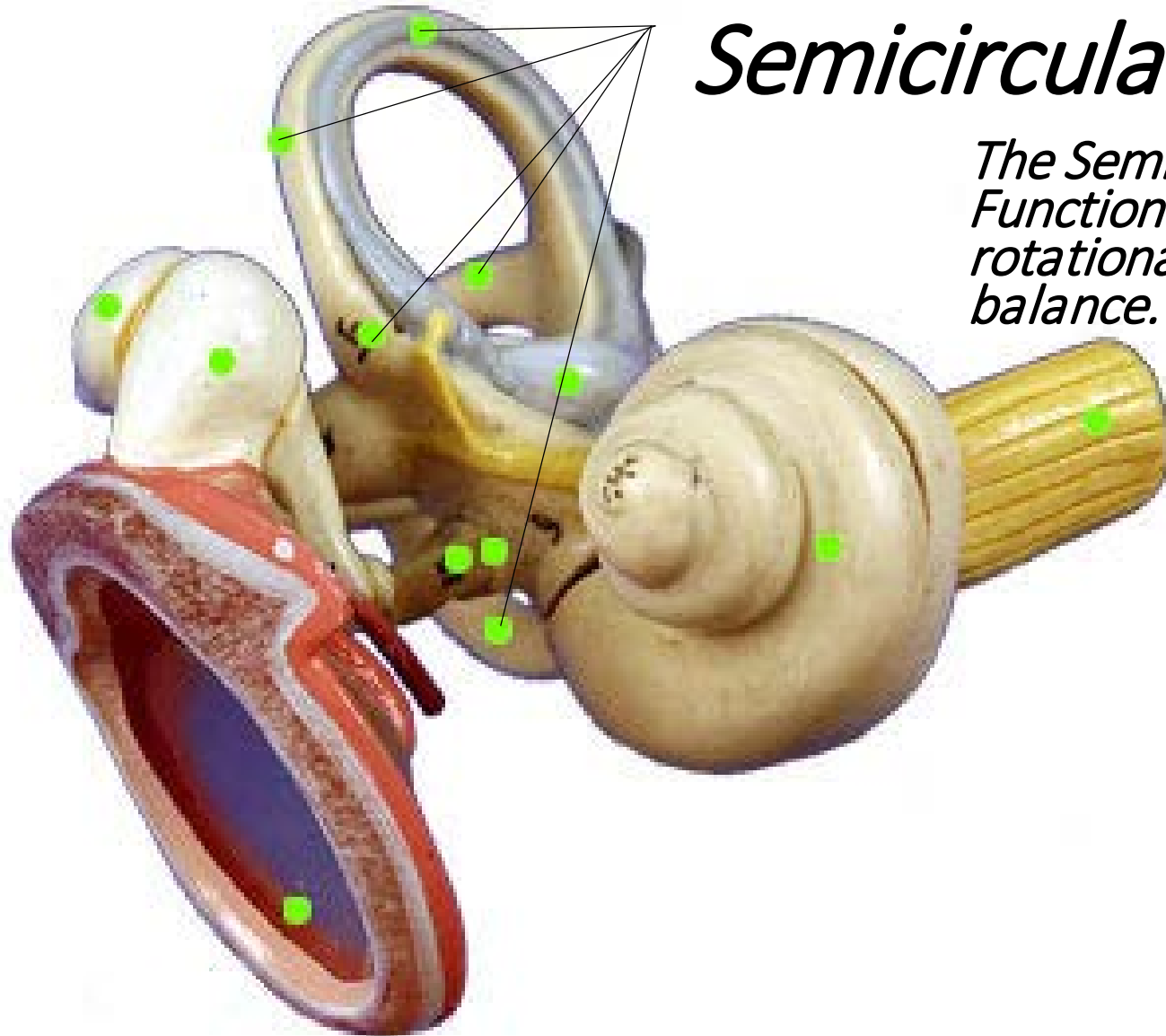
*What is the structure and function?*



*What is the structure and function?*

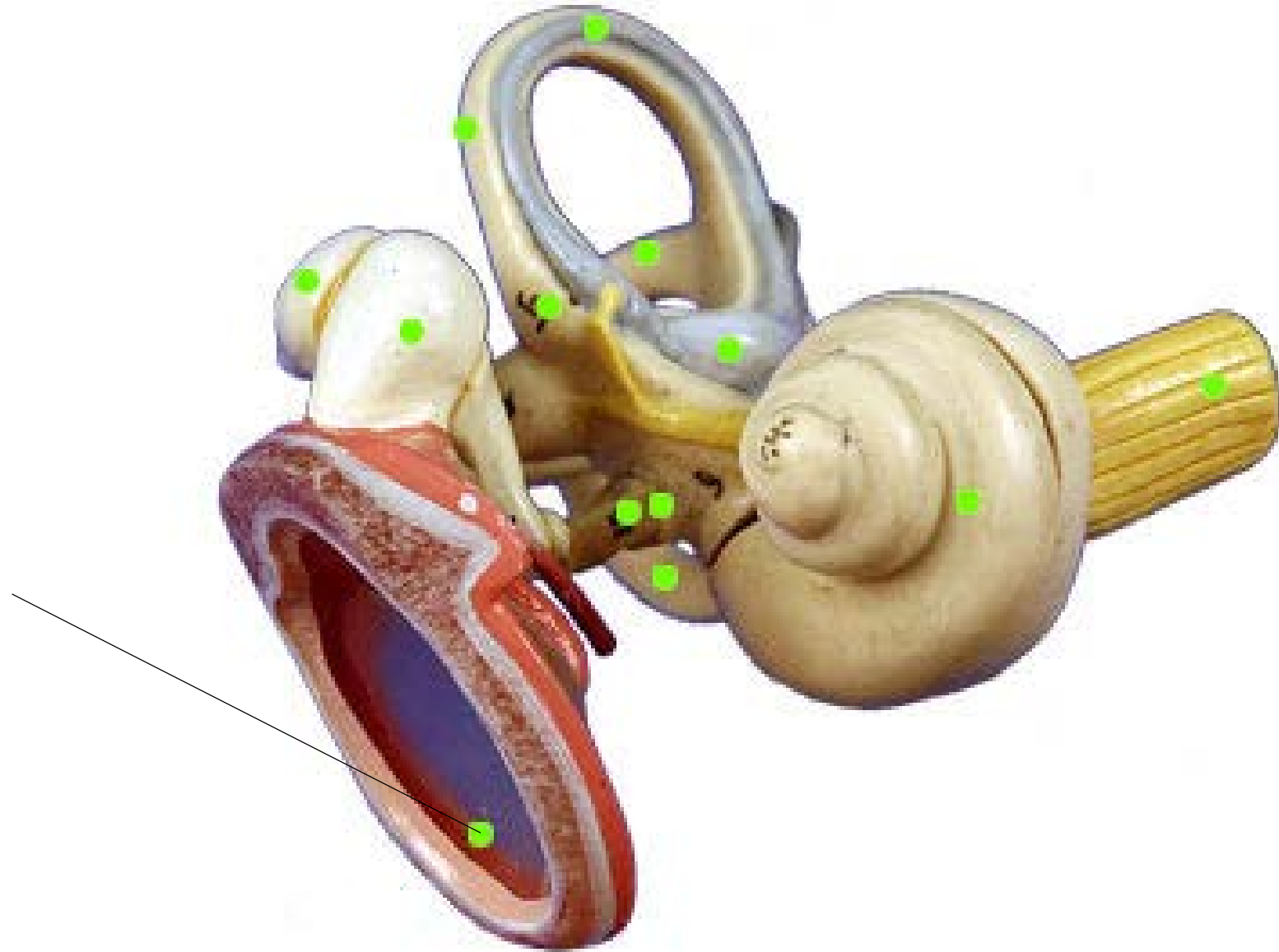
## *Semicircular Canals*

*The Semicircular Canals  
Function to sense  
rotational motion for  
balance.*

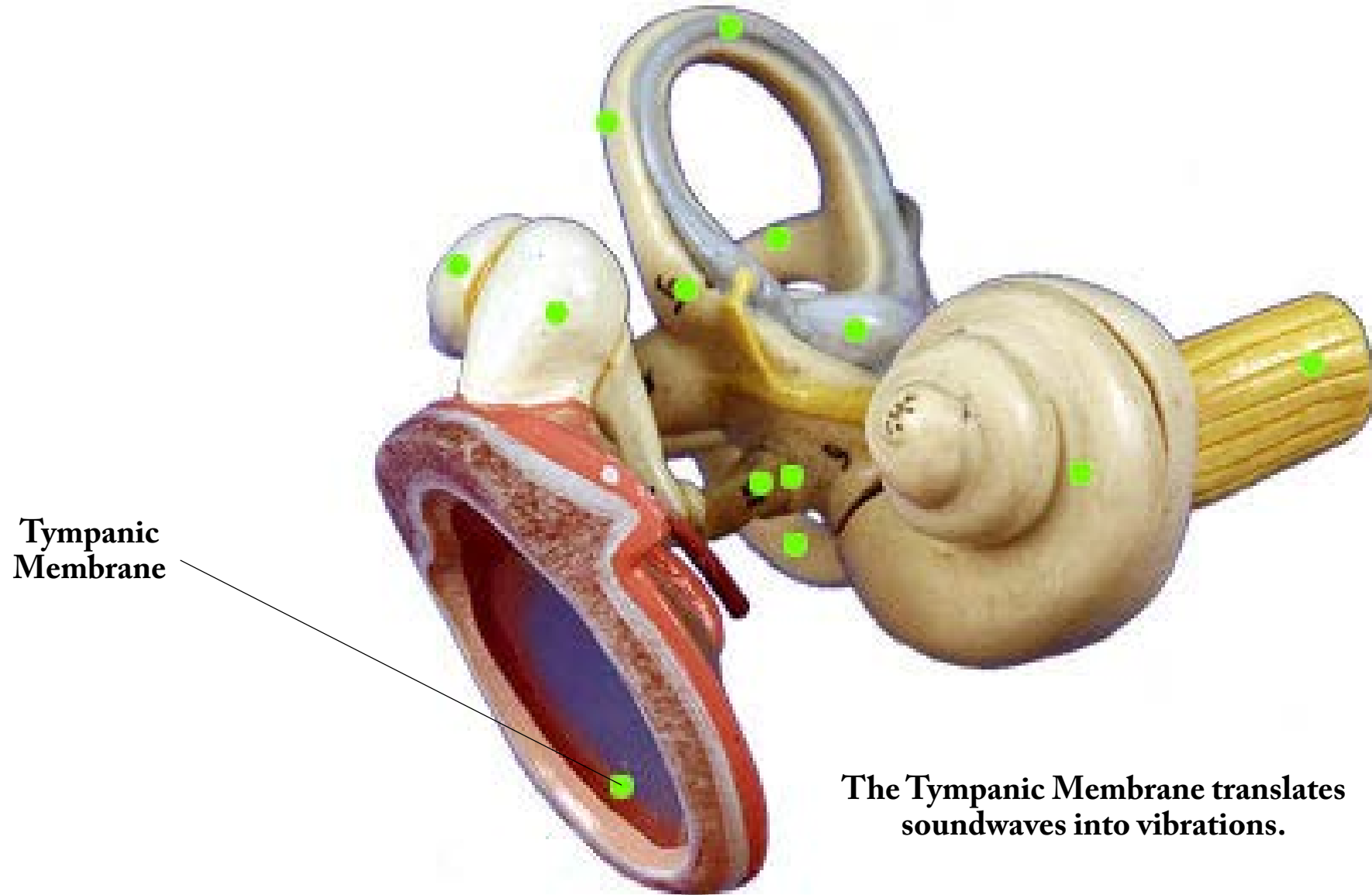




*What is the structure and function?*



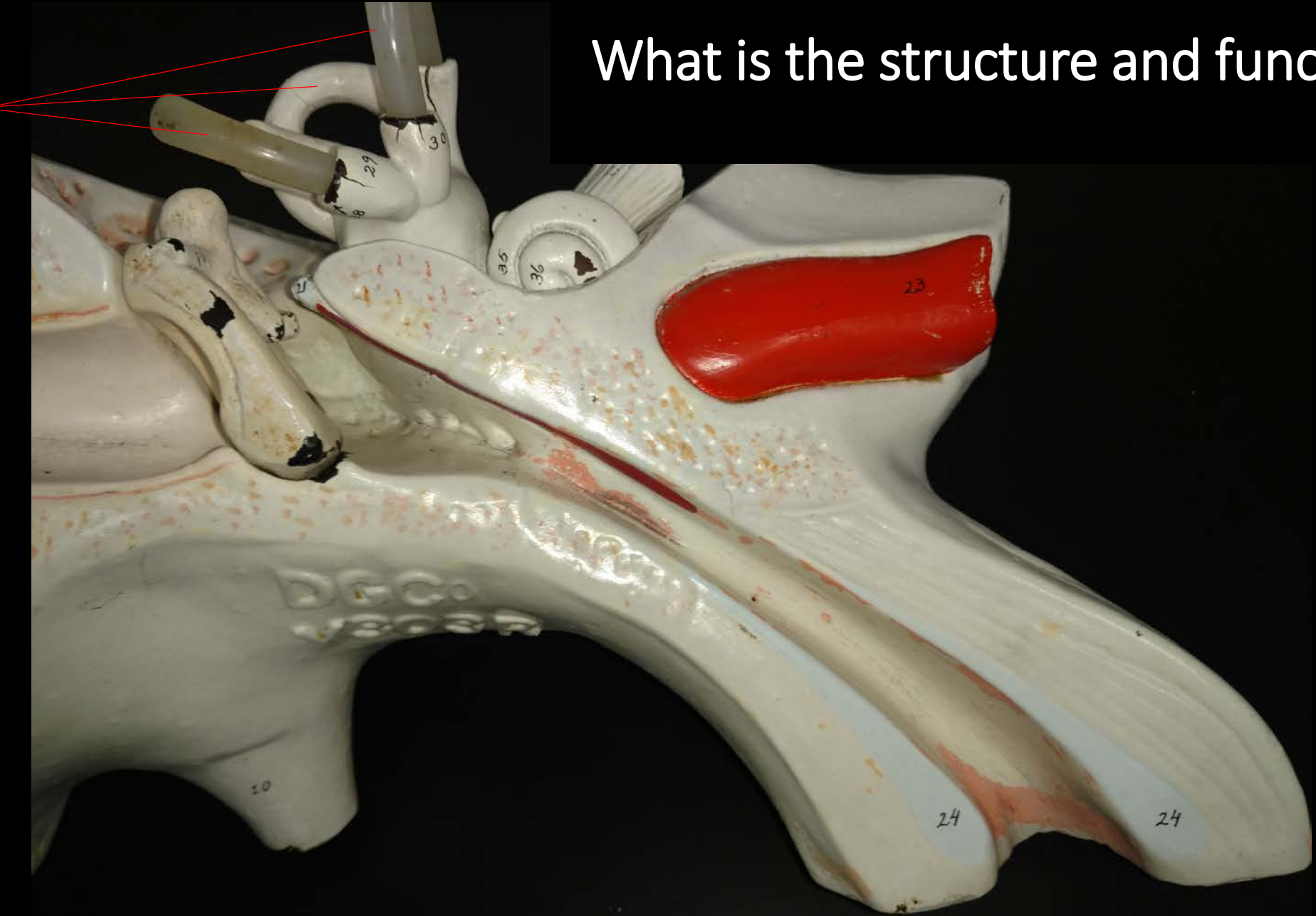
# *What is the structure and function?*



**Tympanic  
Membrane**

**The Tympanic Membrane translates  
soundwaves into vibrations.**

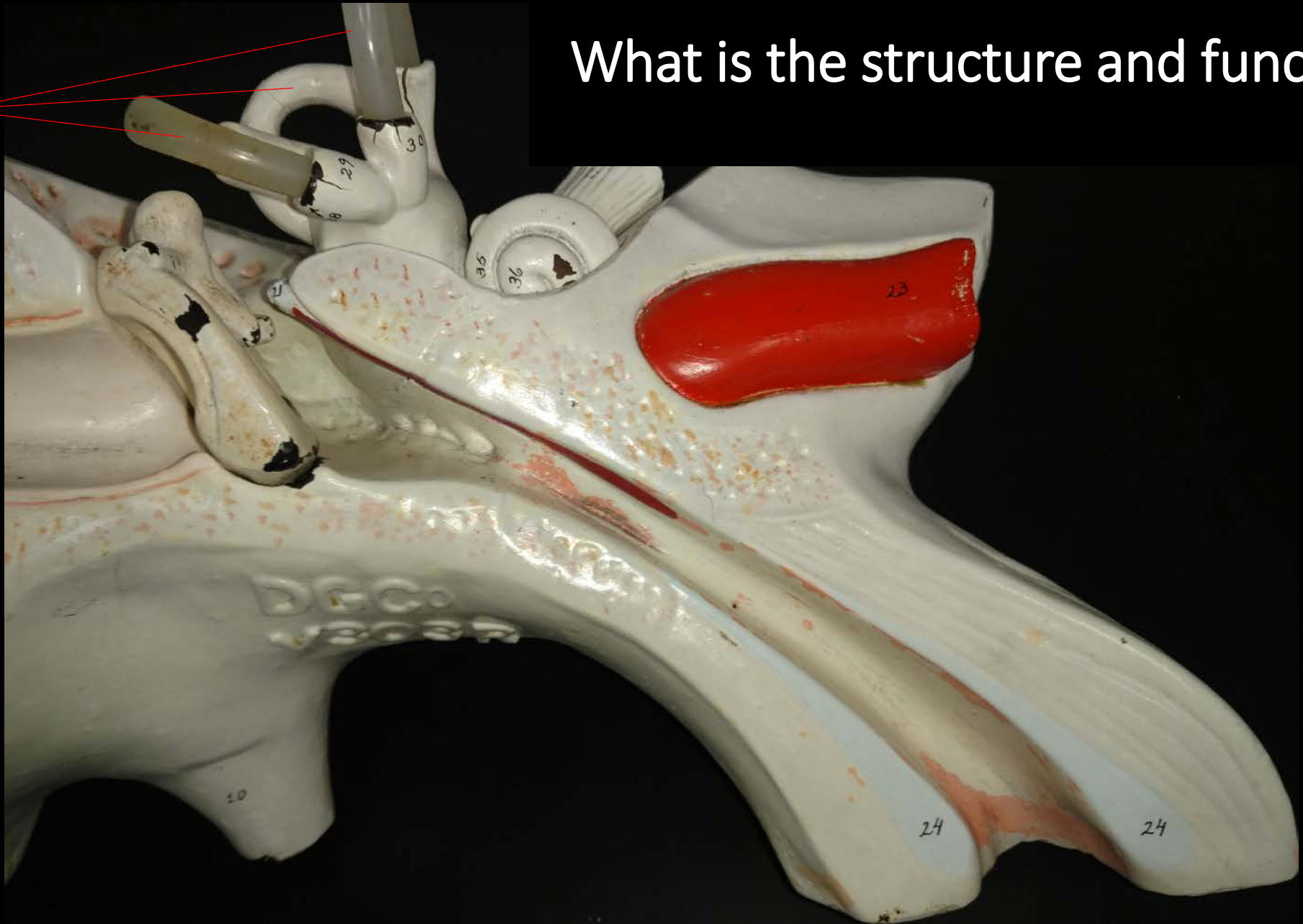
What is the structure and function?



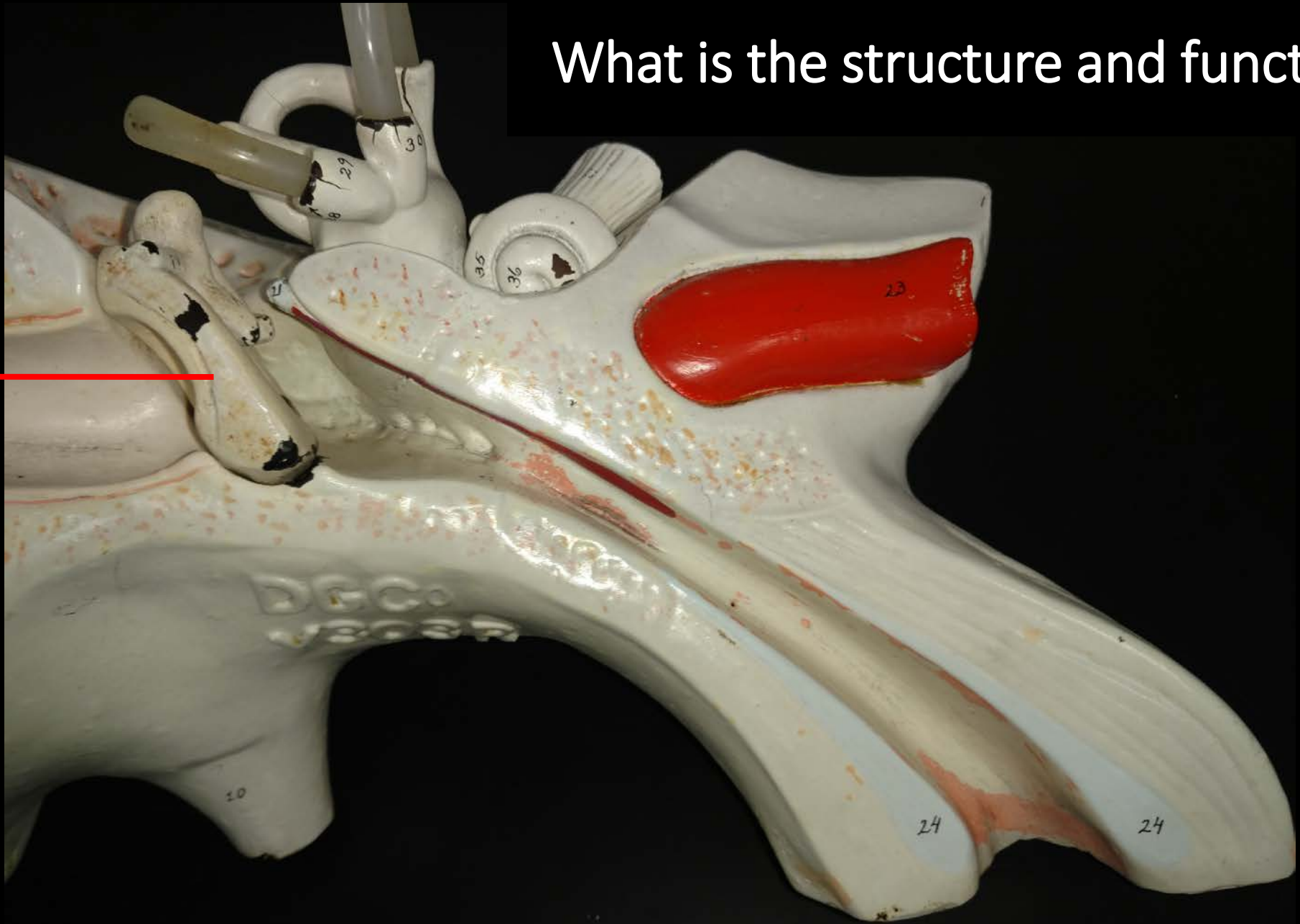
What is the structure and function?

Semicircular Canals

Function = Senses rotational motion

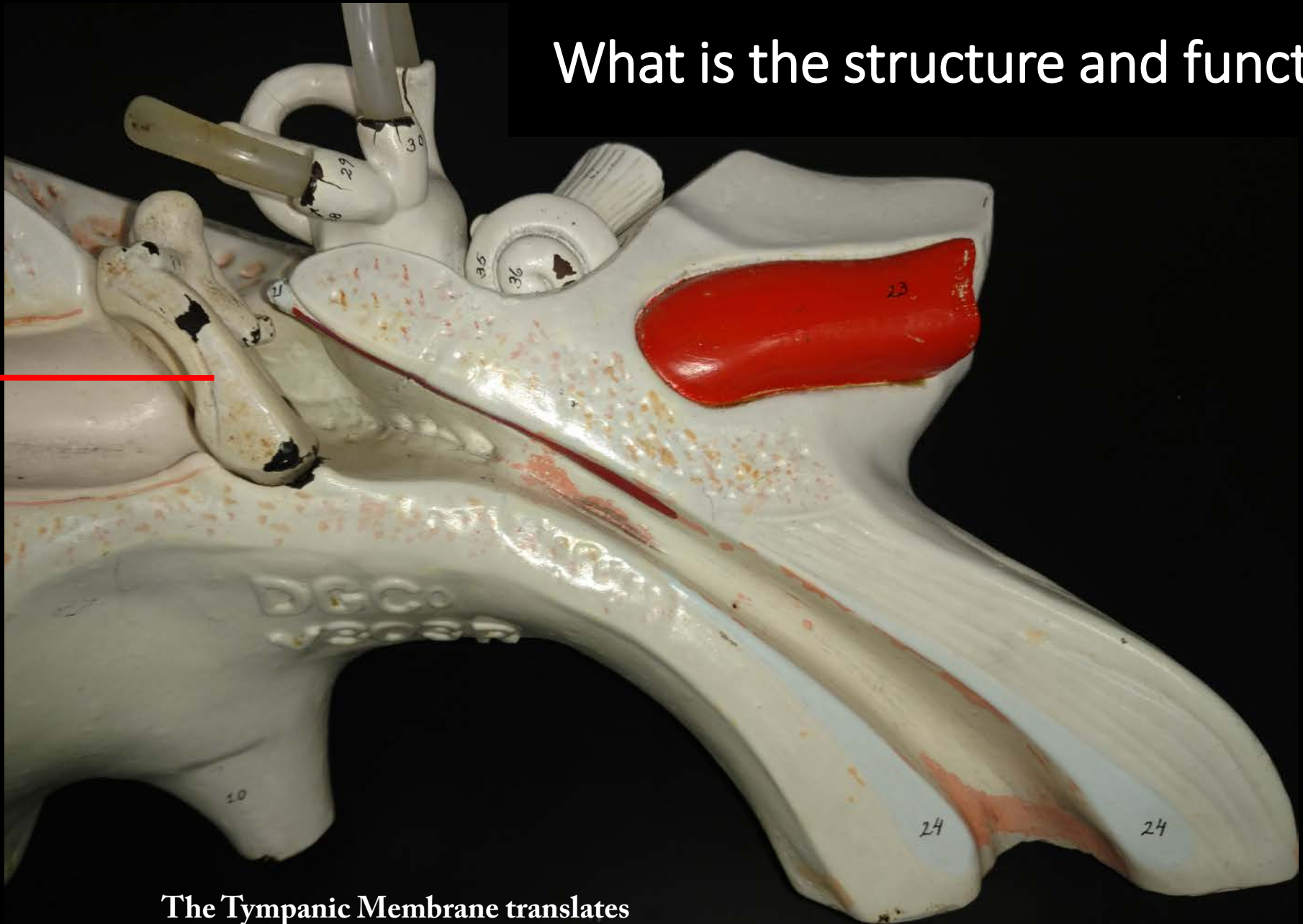


What is the structure and function?



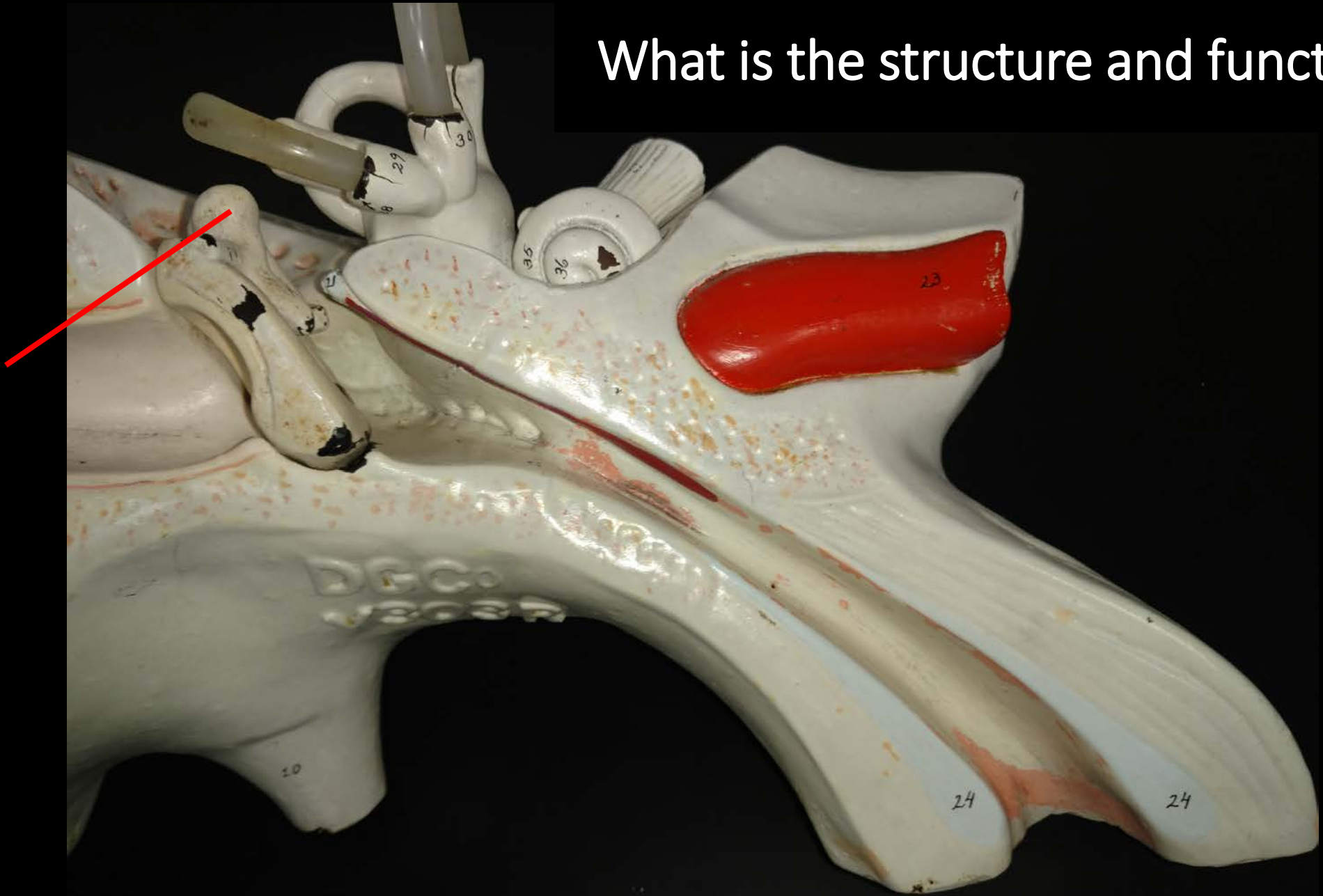
What is the structure and function?

Tympanic Membrane



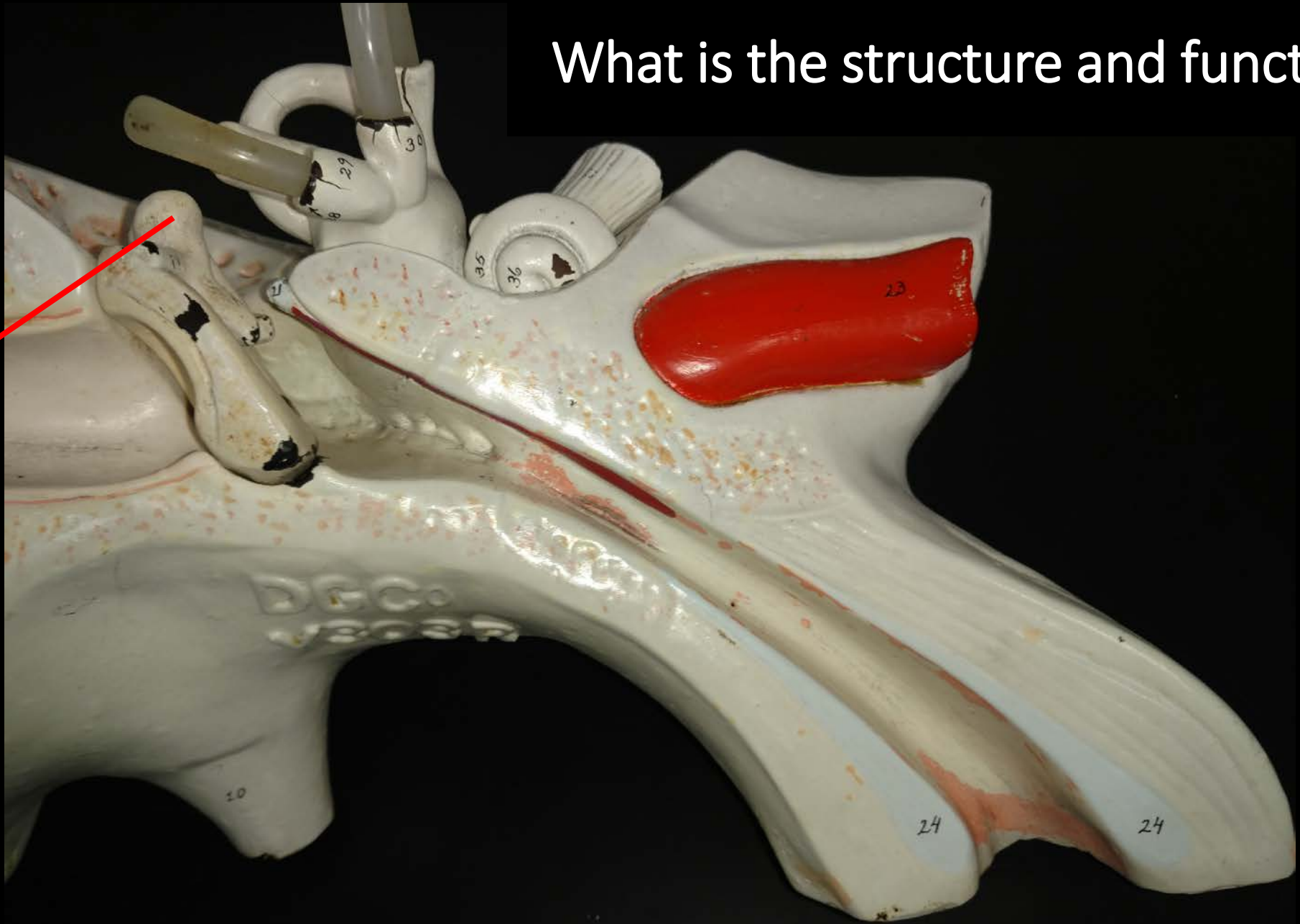
The Tympanic Membrane translates soundwaves into vibrations.

What is the structure and function?



What is the structure and function?

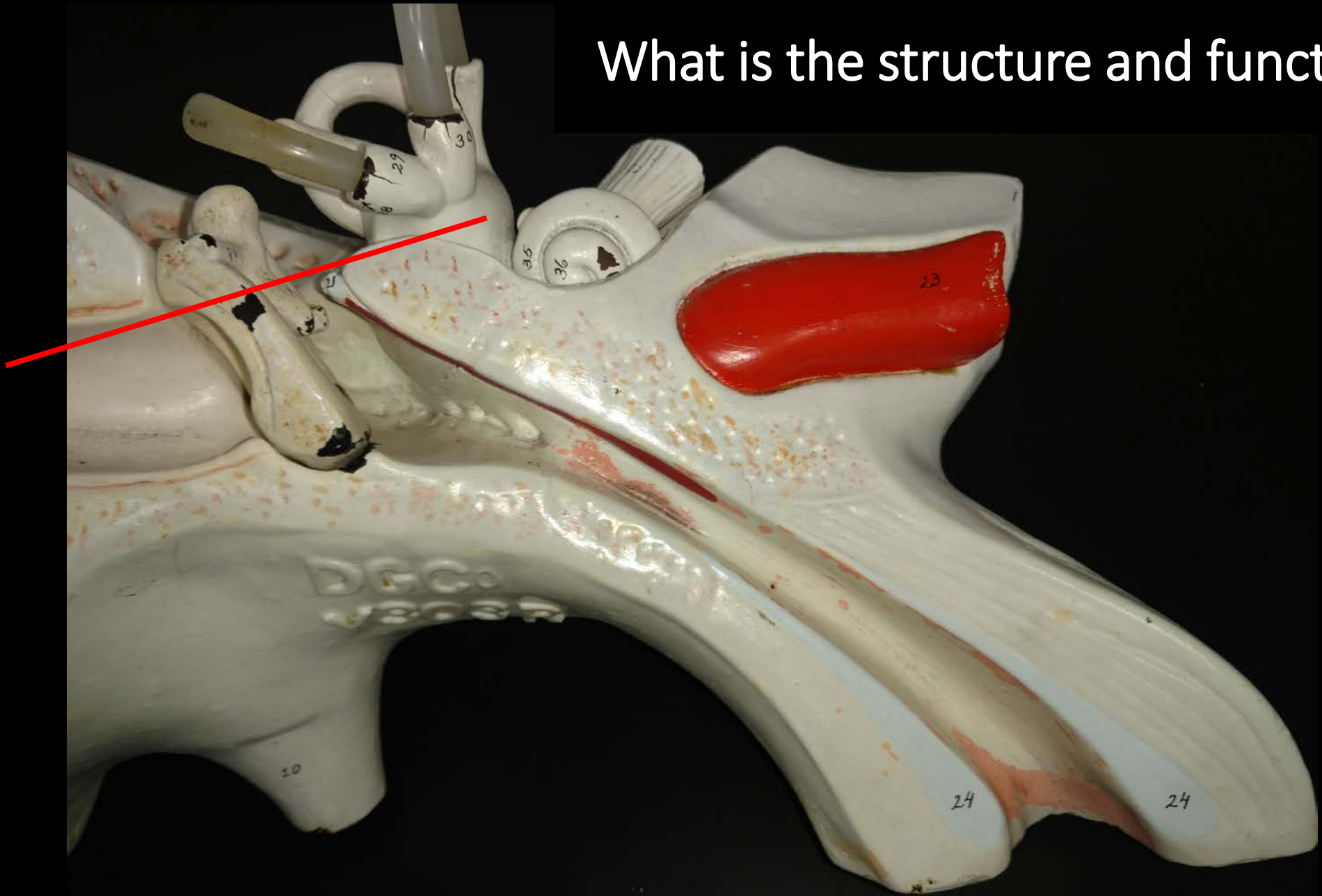
Malleus



Function =  
Amplify sound  
waves



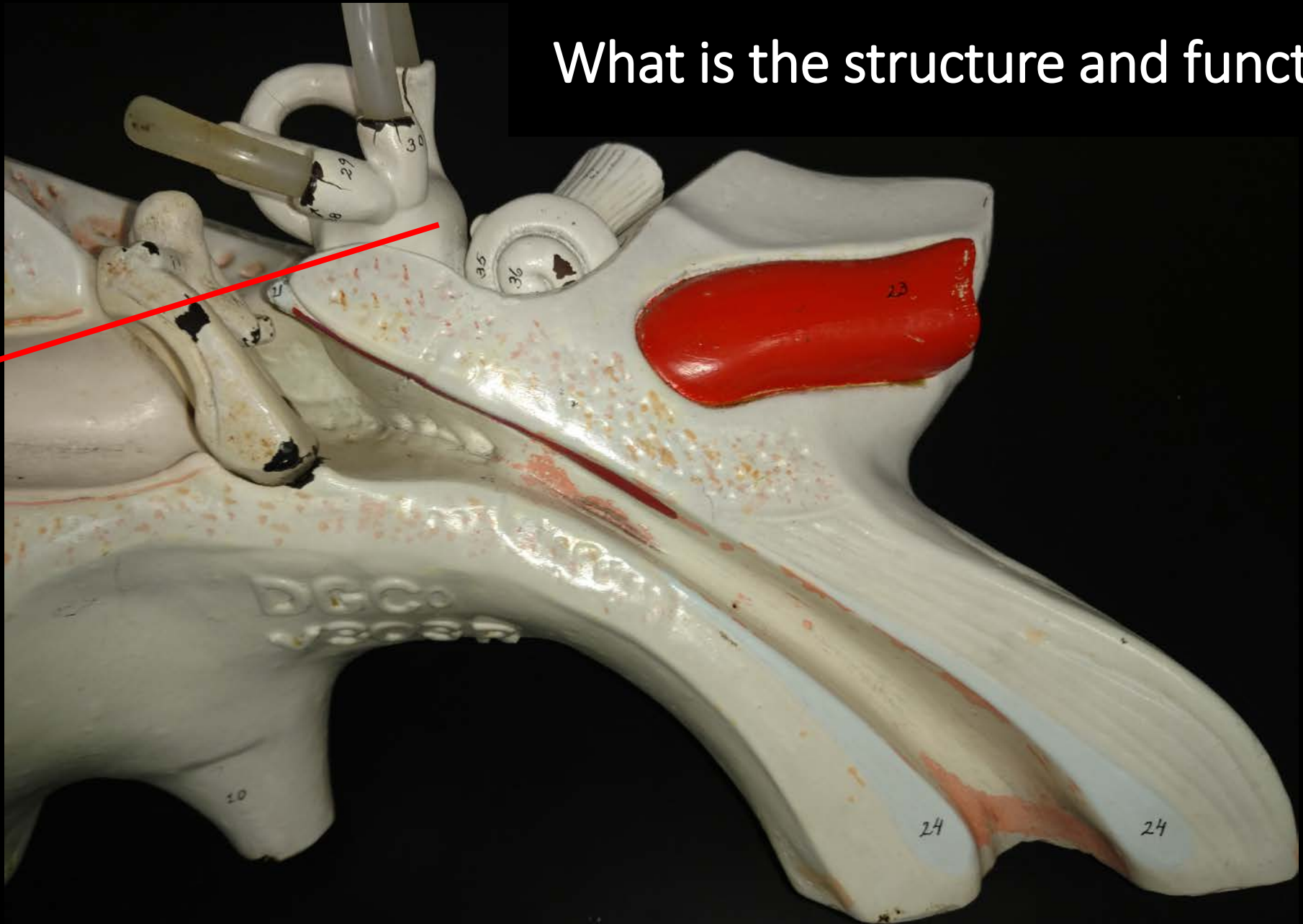
What is the structure and function?



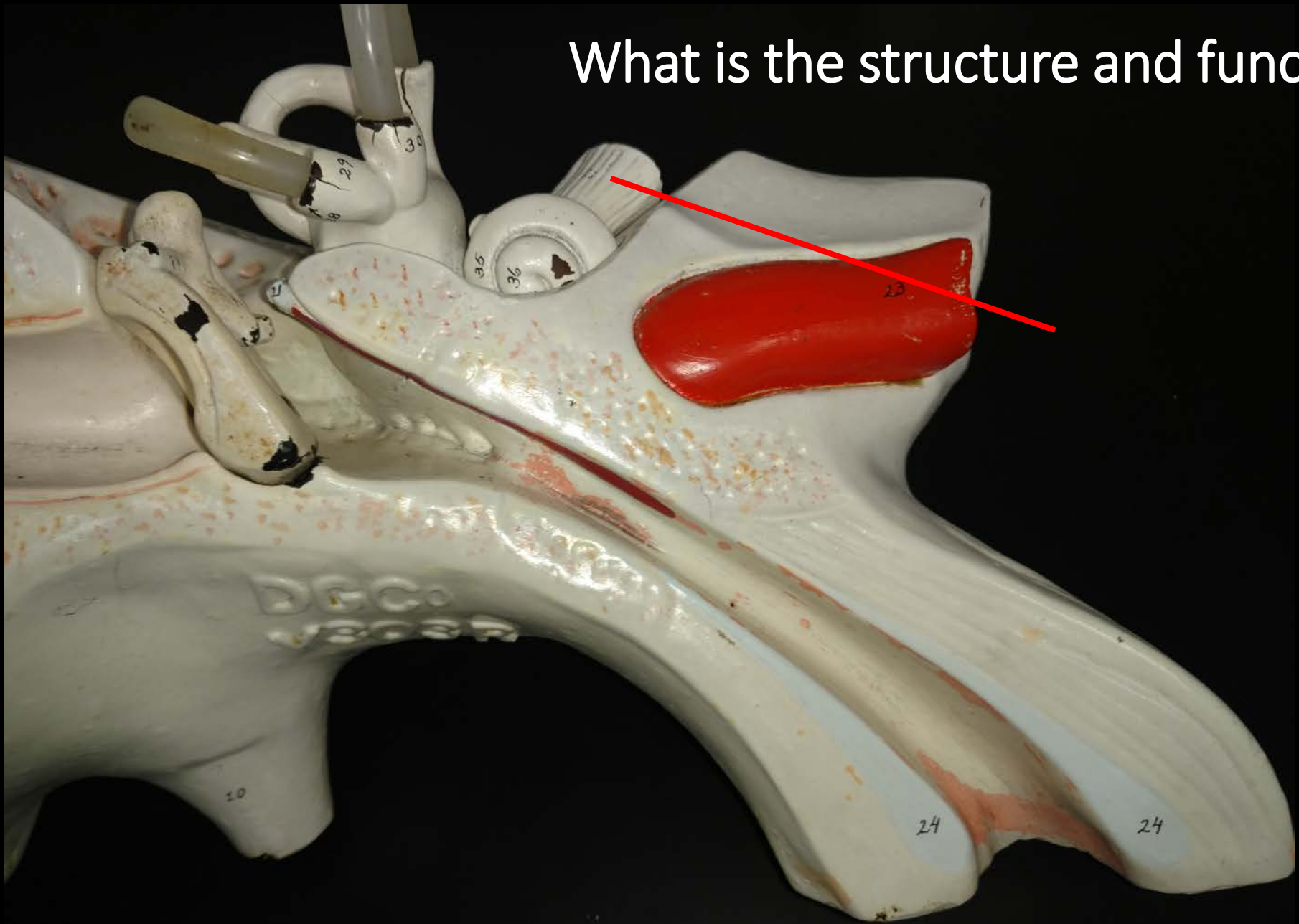
What is the structure and function?

Vestibule

Functions to  
sense  
acceleration

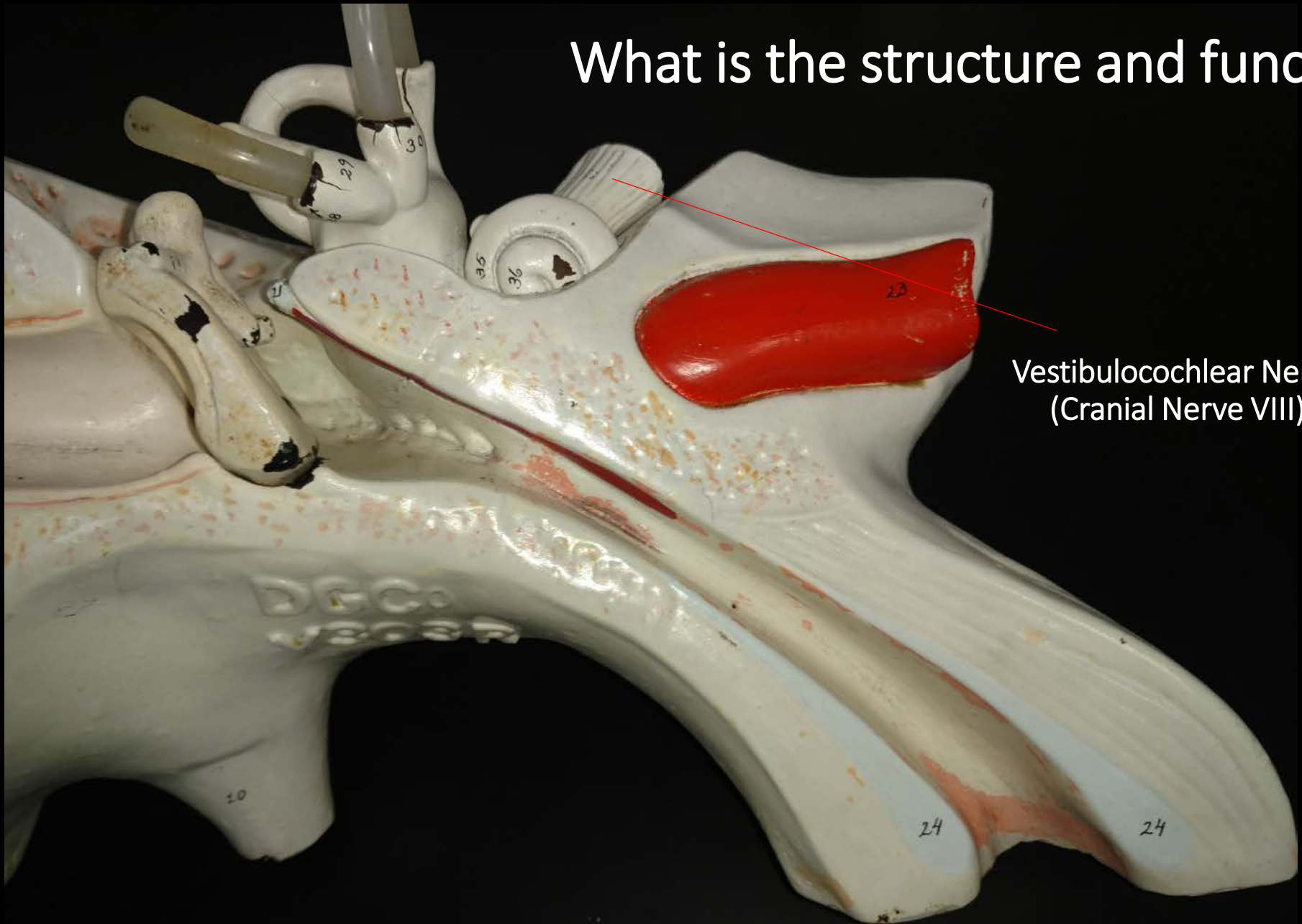


What is the structure and function?



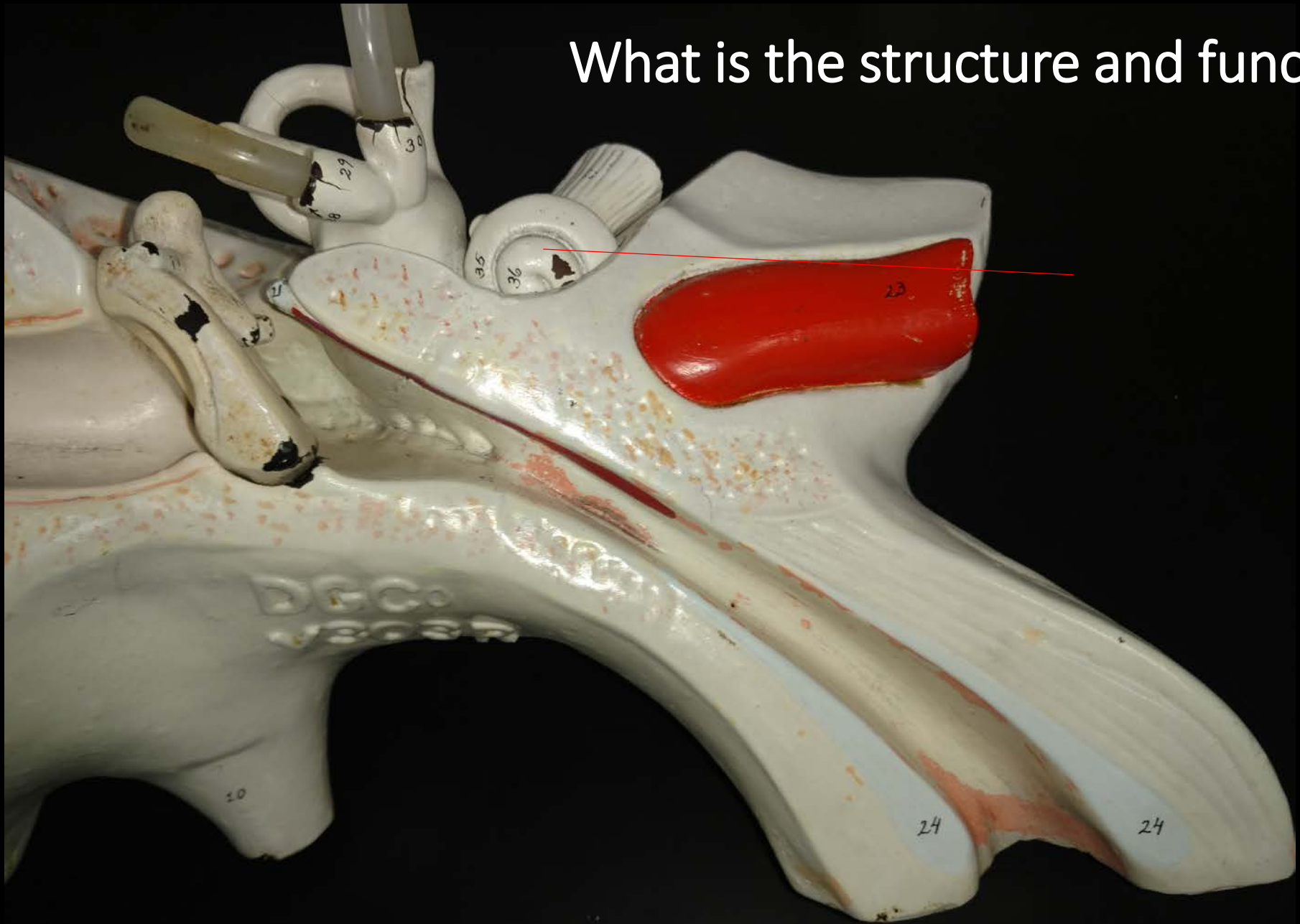
# What is the structure and function?

Function = Sends  
sound information  
to brain

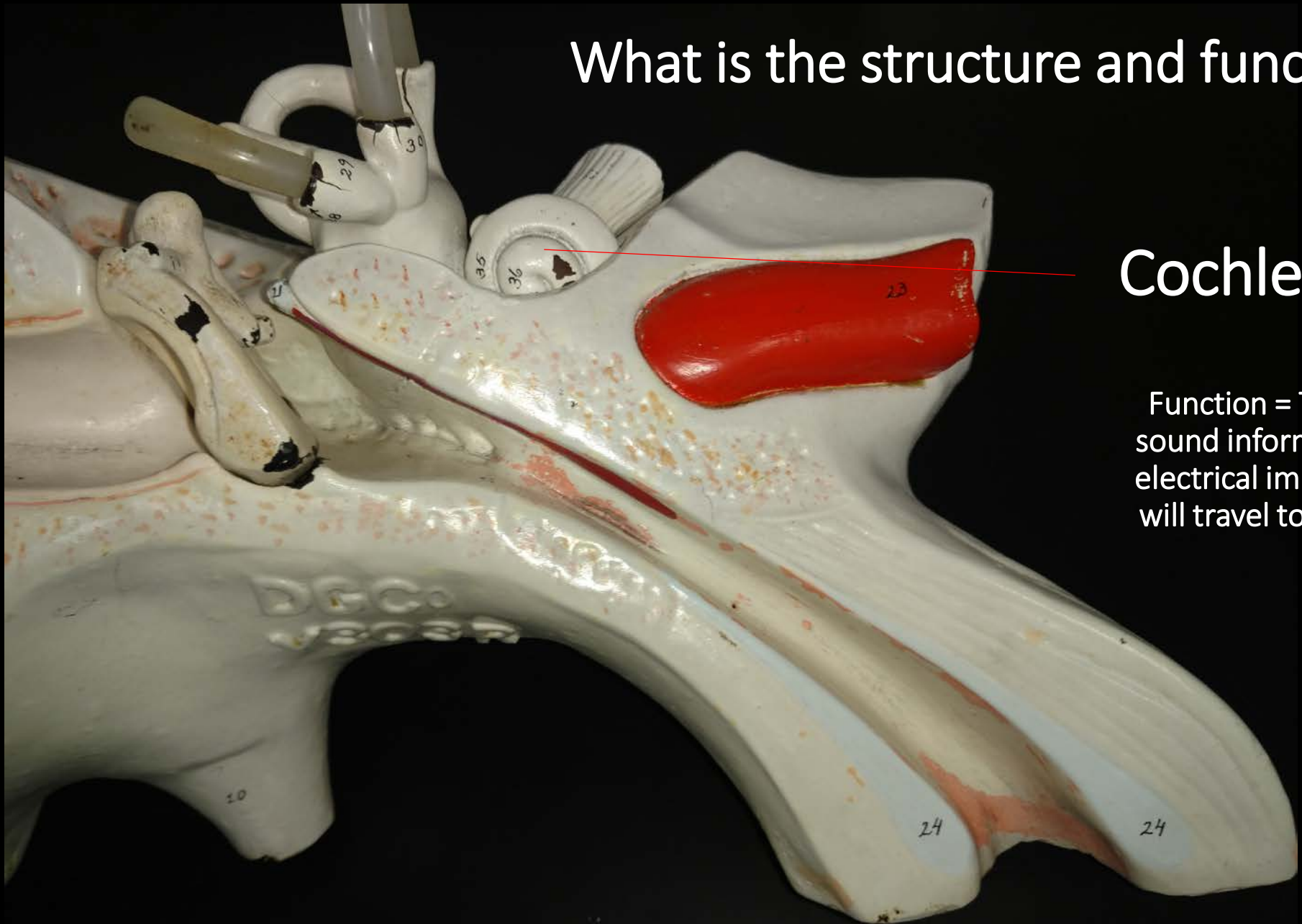


Vestibulocochlear Nerve  
(Cranial Nerve VIII)

What is the structure and function?



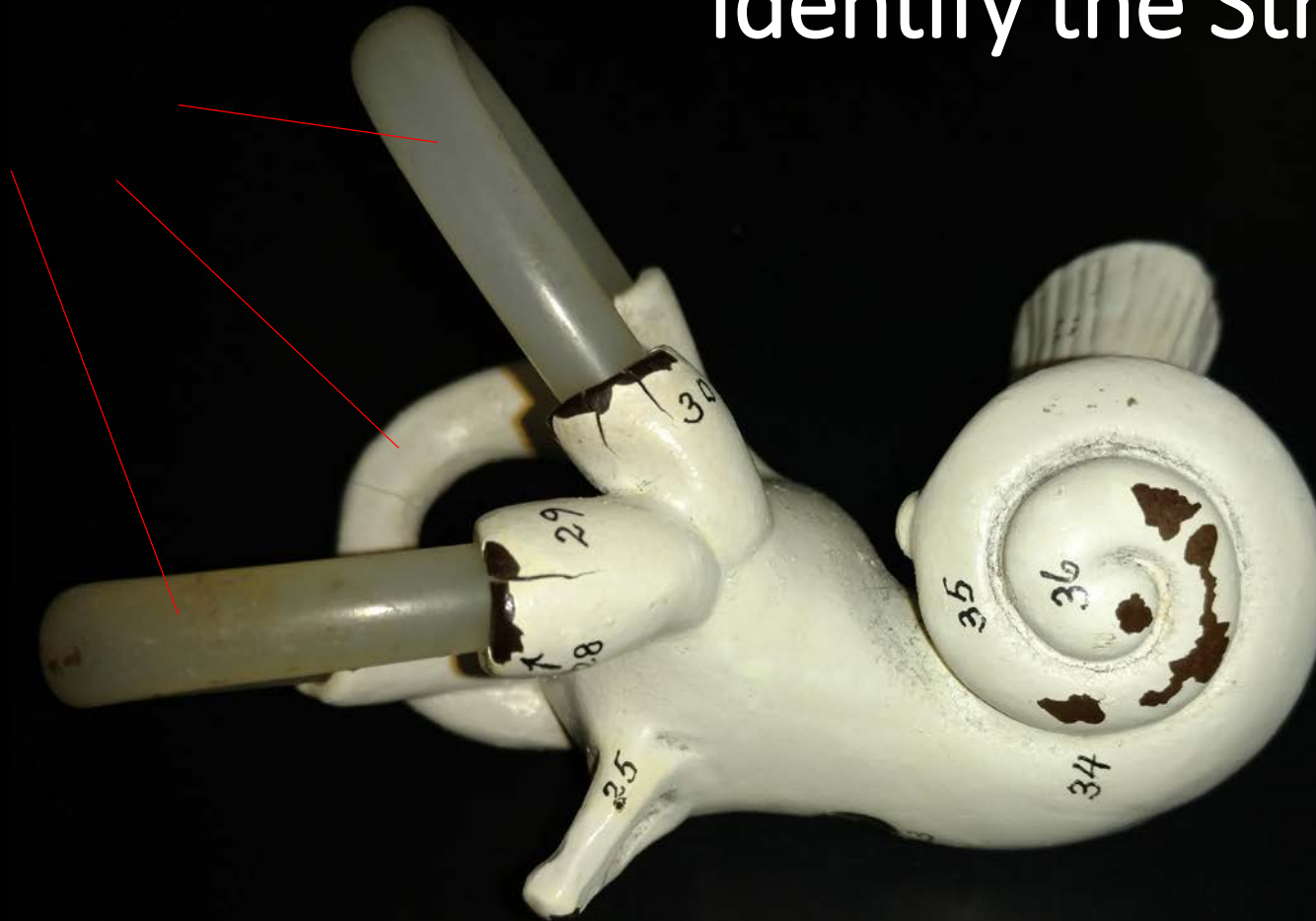
What is the structure and function?



Cochlea

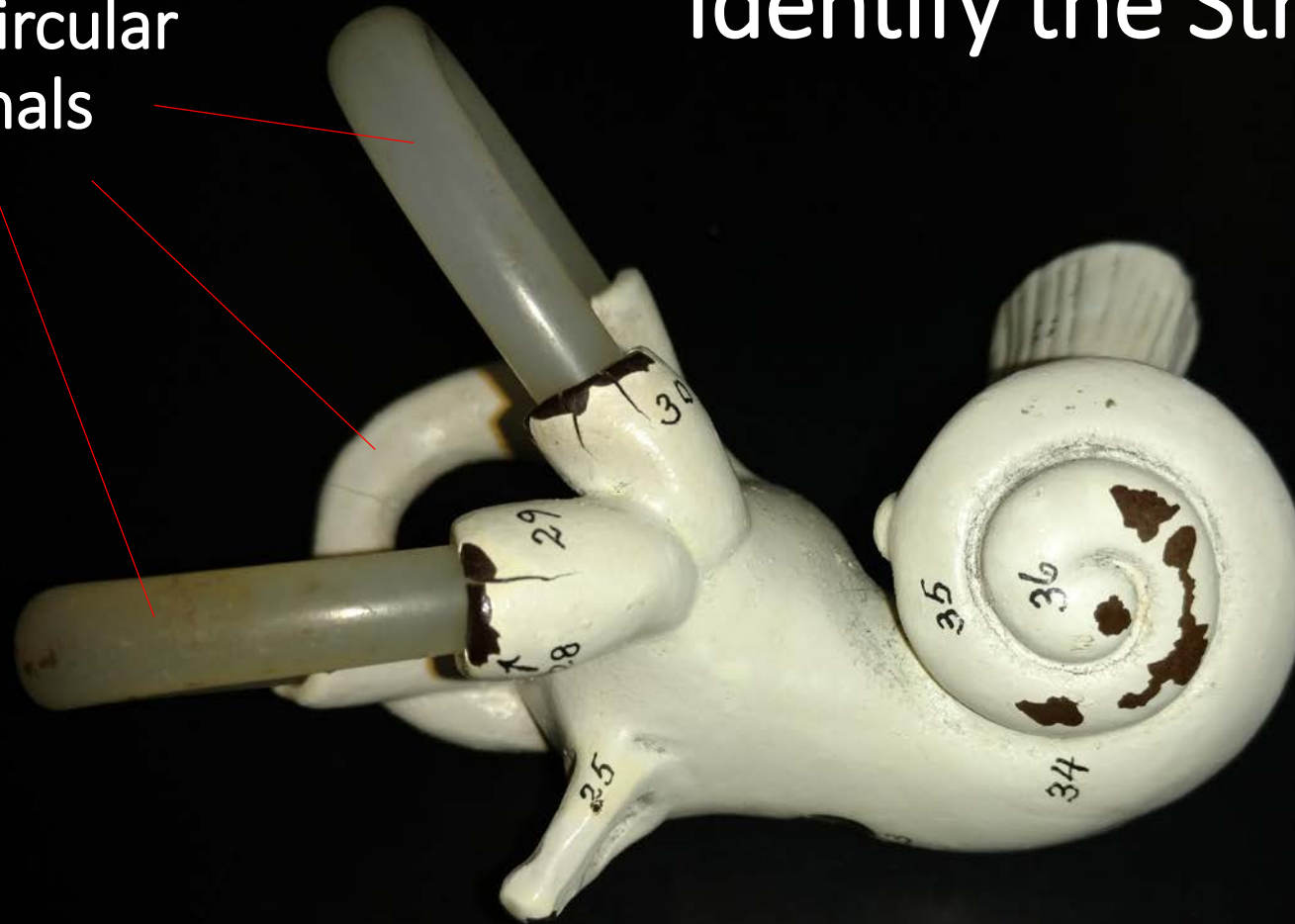
Function = Translates sound information into electrical impulses that will travel to the brain.

Identify the Structure.



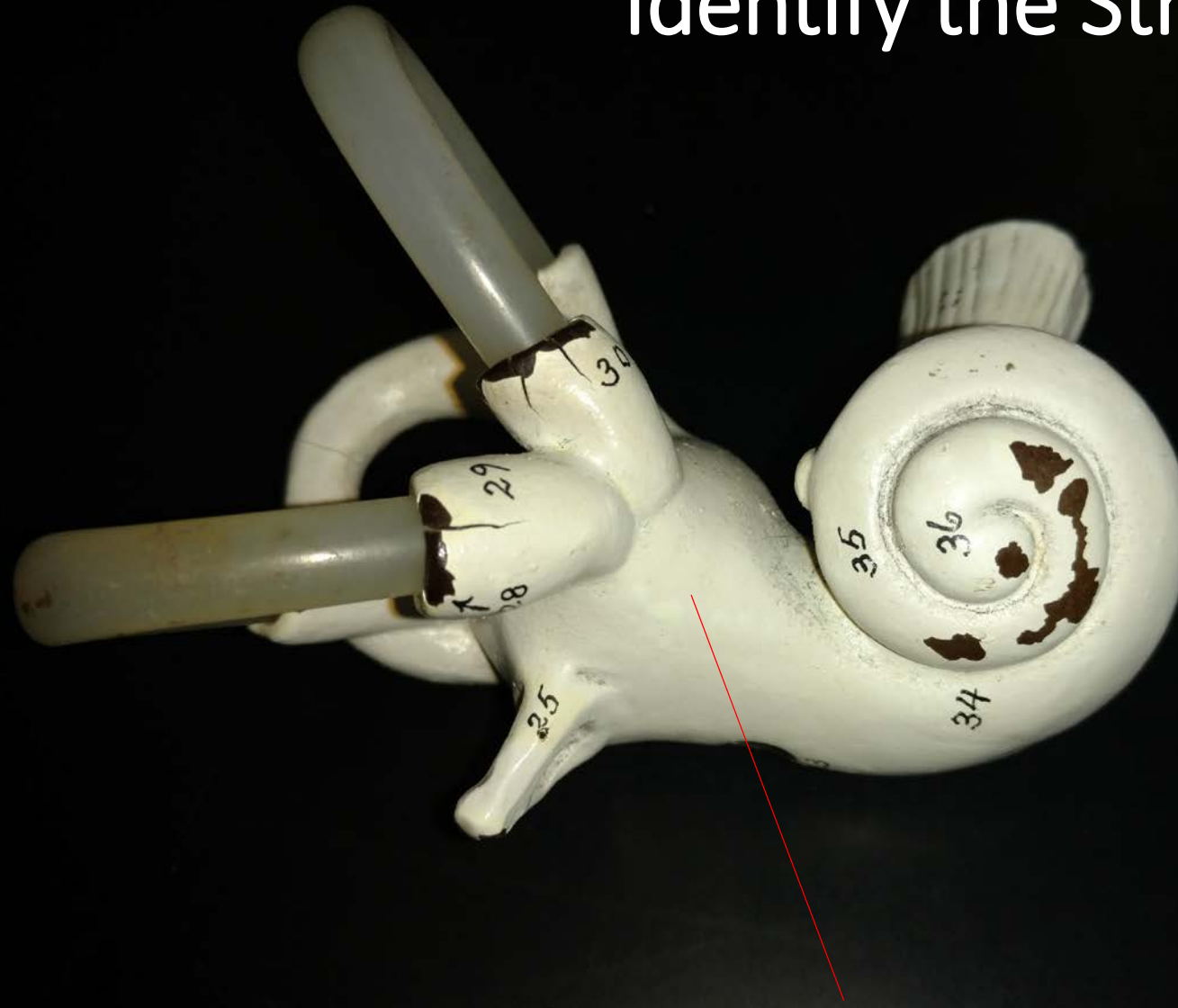
Identify the Structure.

Semicircular  
Canals

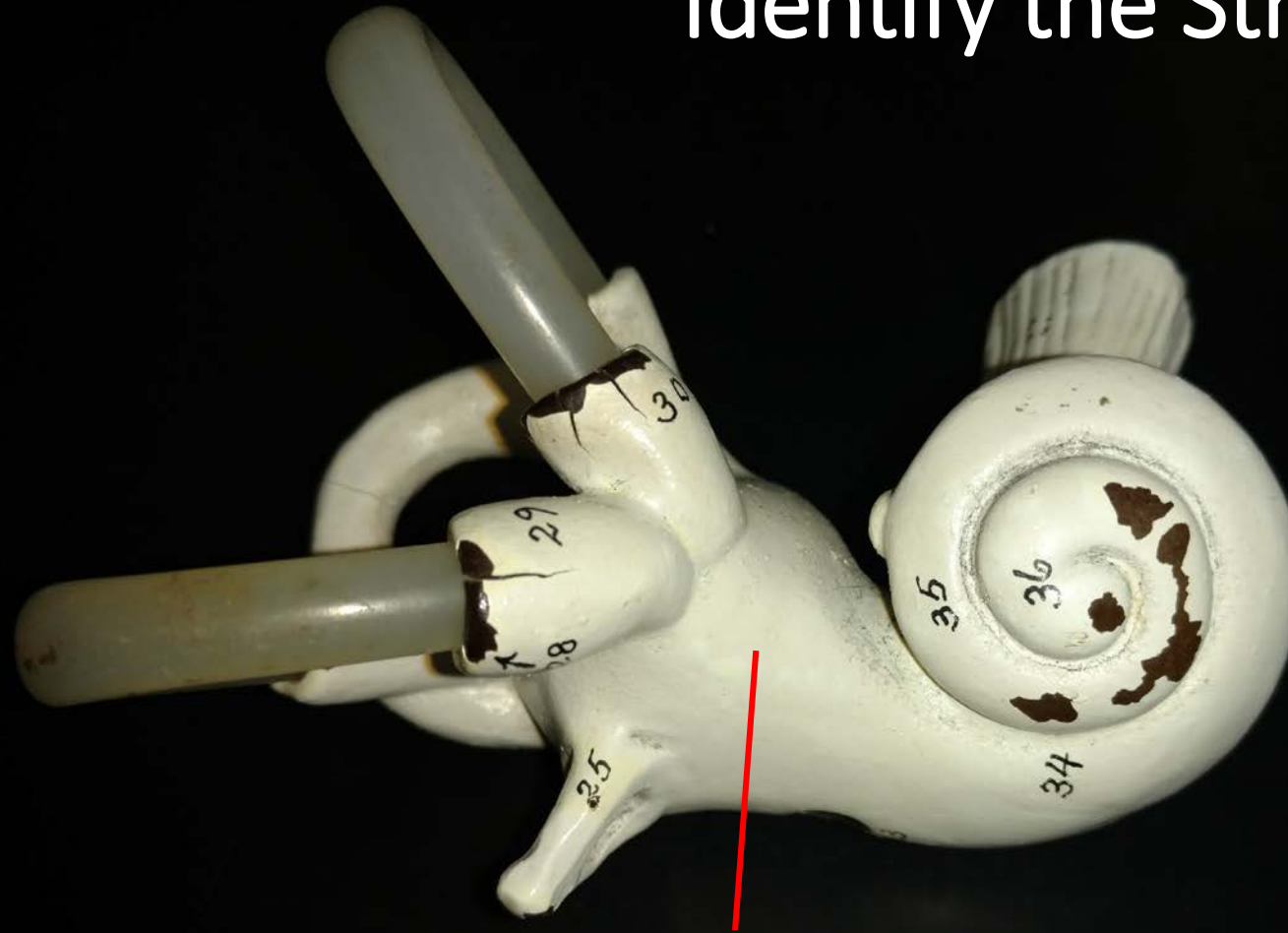




Identify the Structure.



Identify the Structure.



Vestibule

Identify the Structure.



Identify the Structure.



Cochlea

Identify the Structure.



# Identify the Structure.



Vestibulocochlear Nerve  
(Cranial Nerve VIII)

Identify the Structure.



# Identify the Structure.

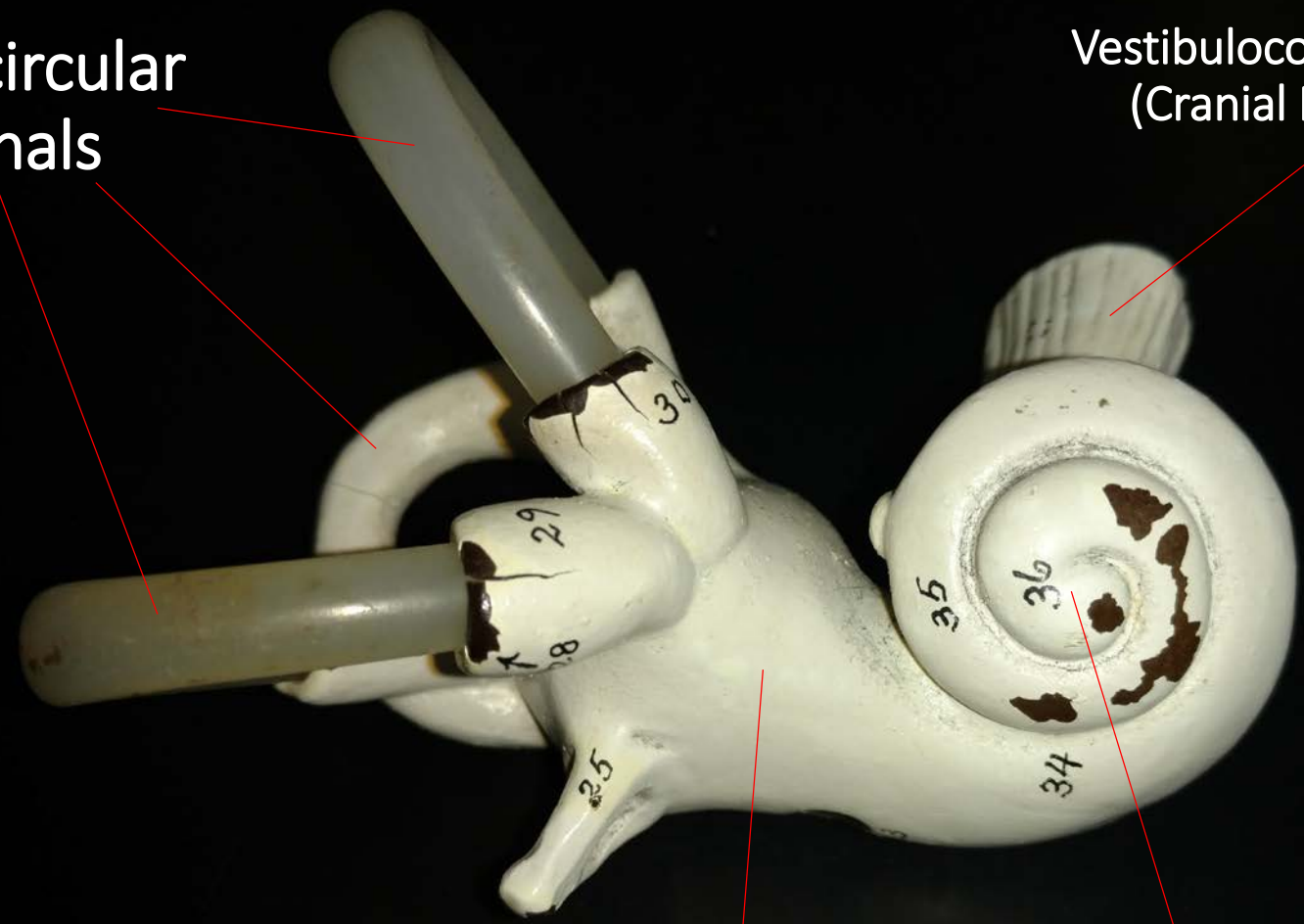


Stapes



Semicircular  
Canals

Vestibulocochlear Nerve  
(Cranial Nerve VIII)



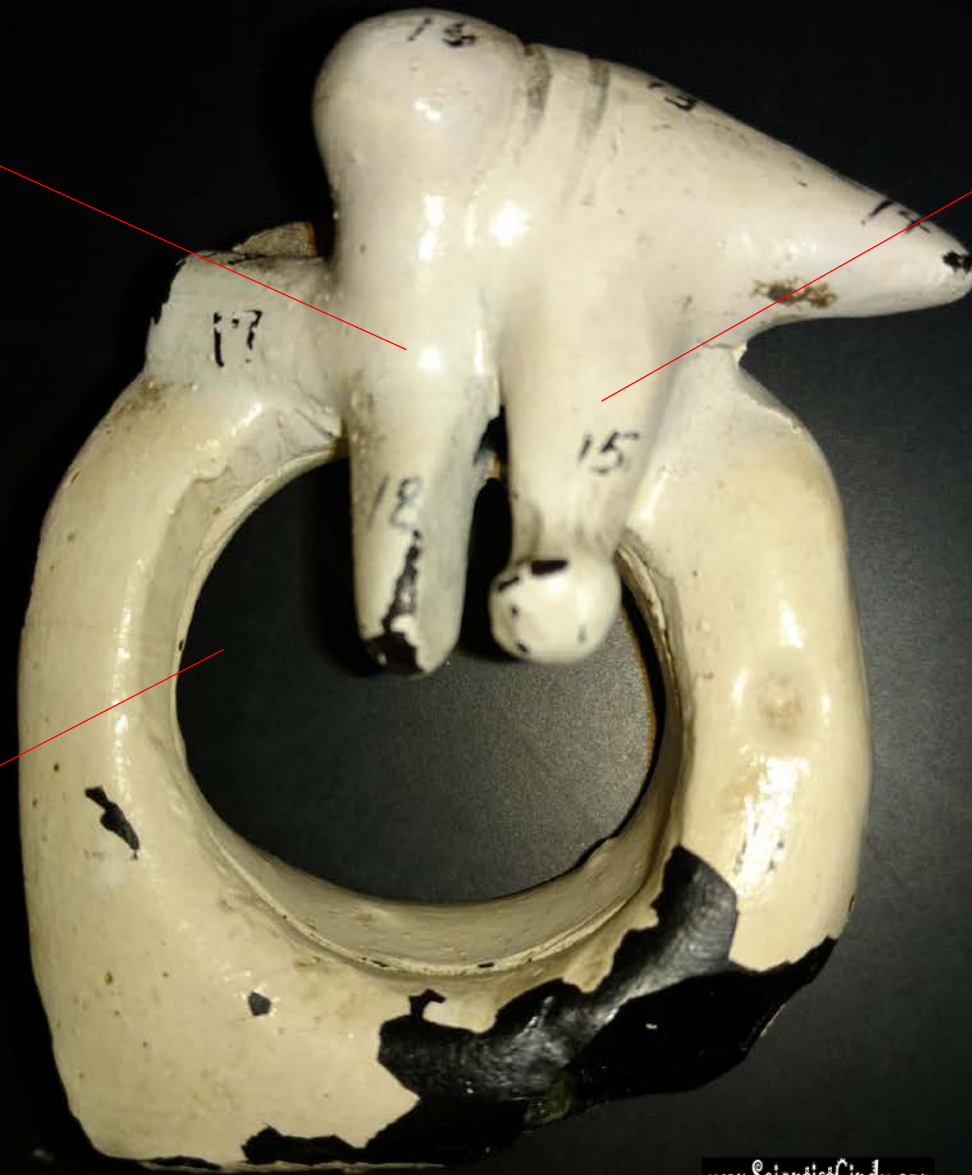
Vestibule

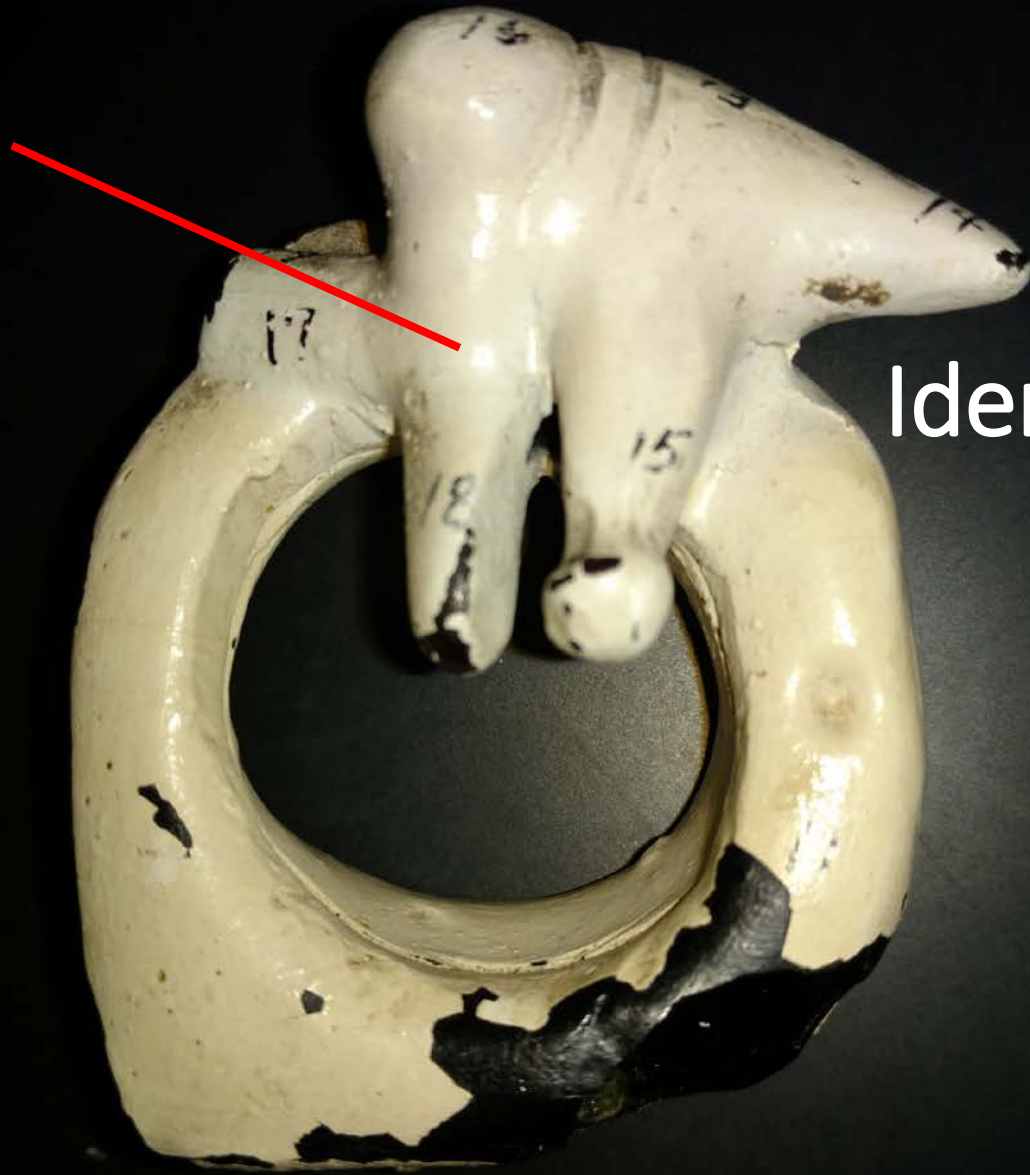
Cochlea

Malleus

Incus

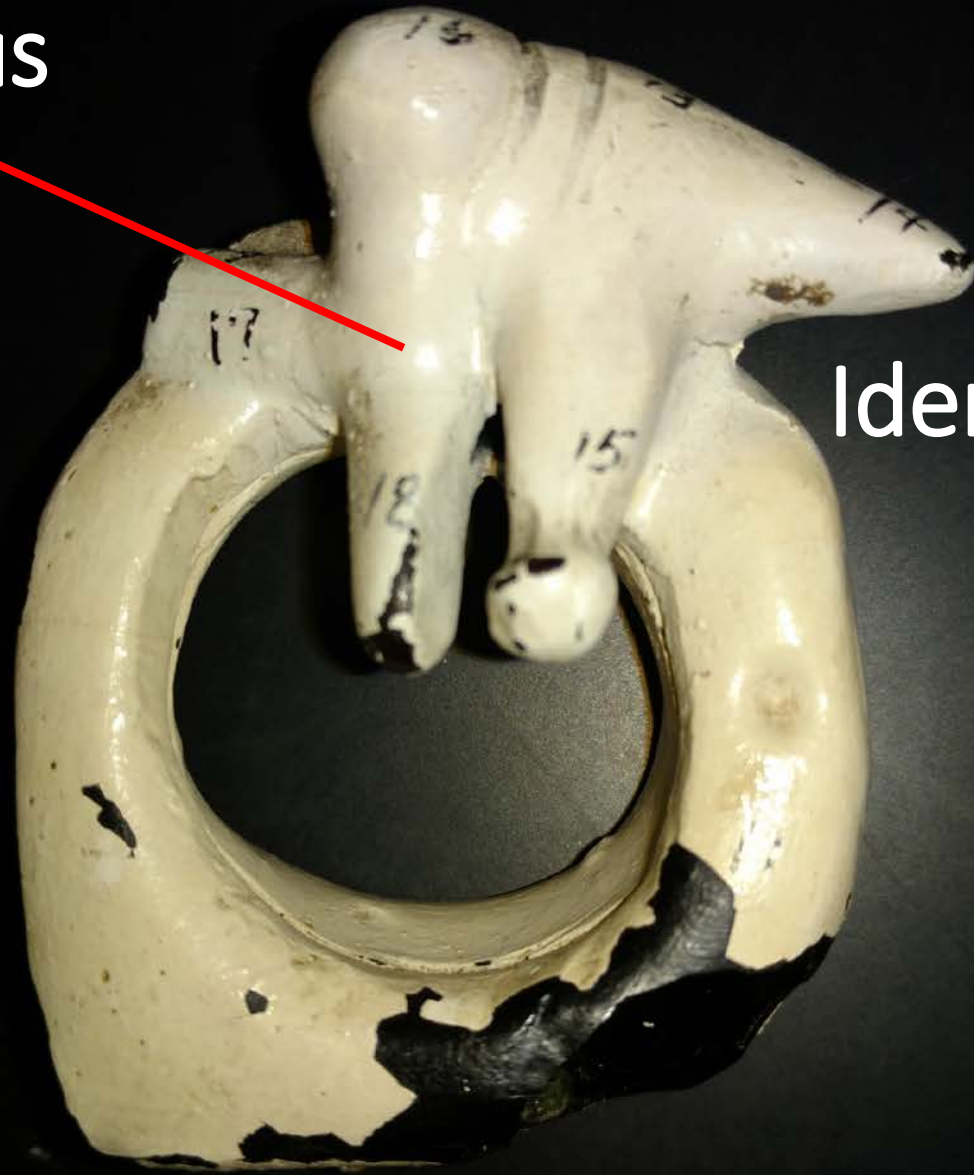
Tympanic  
Membrane





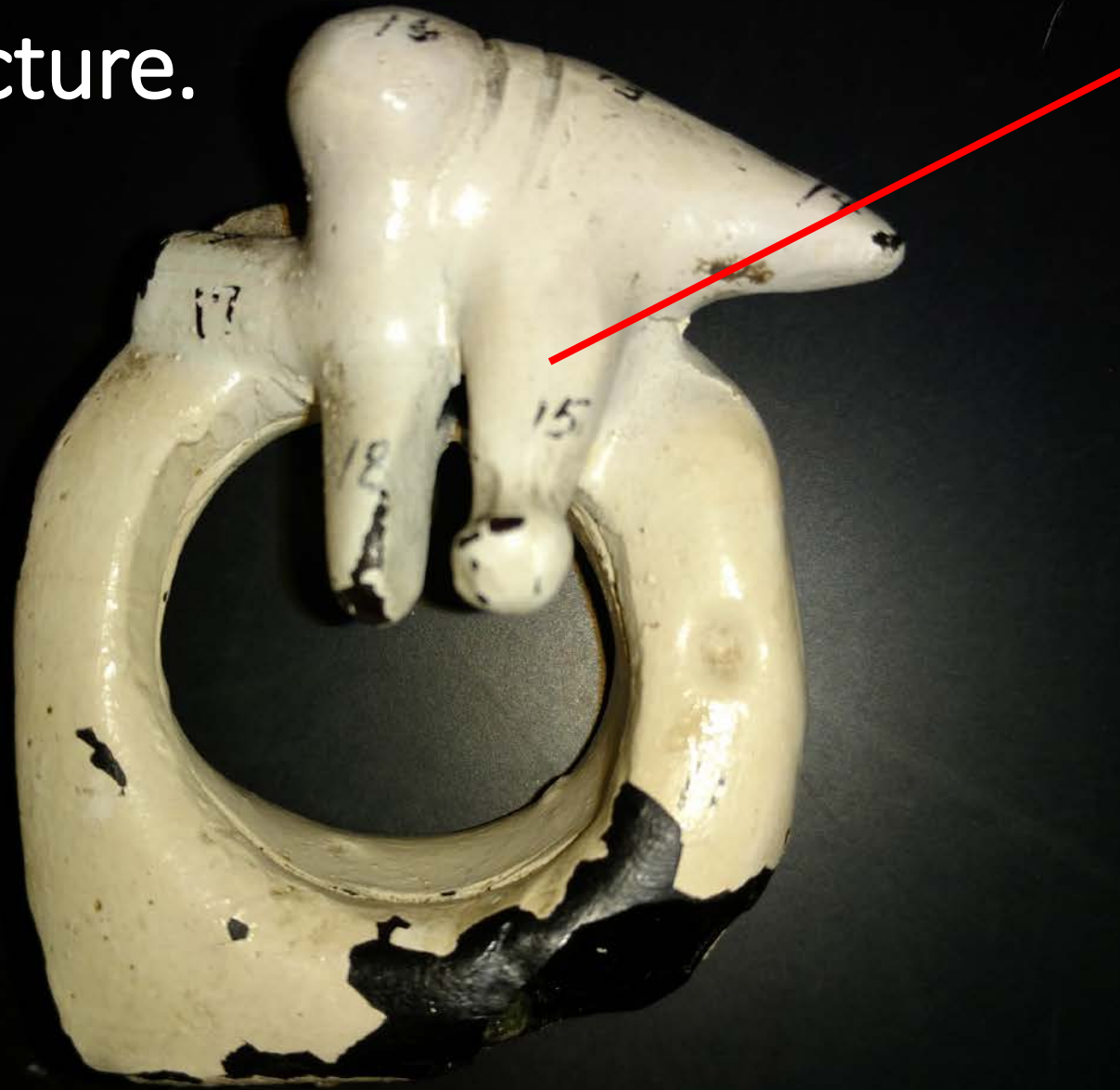
Identify the Structure.

Malleus

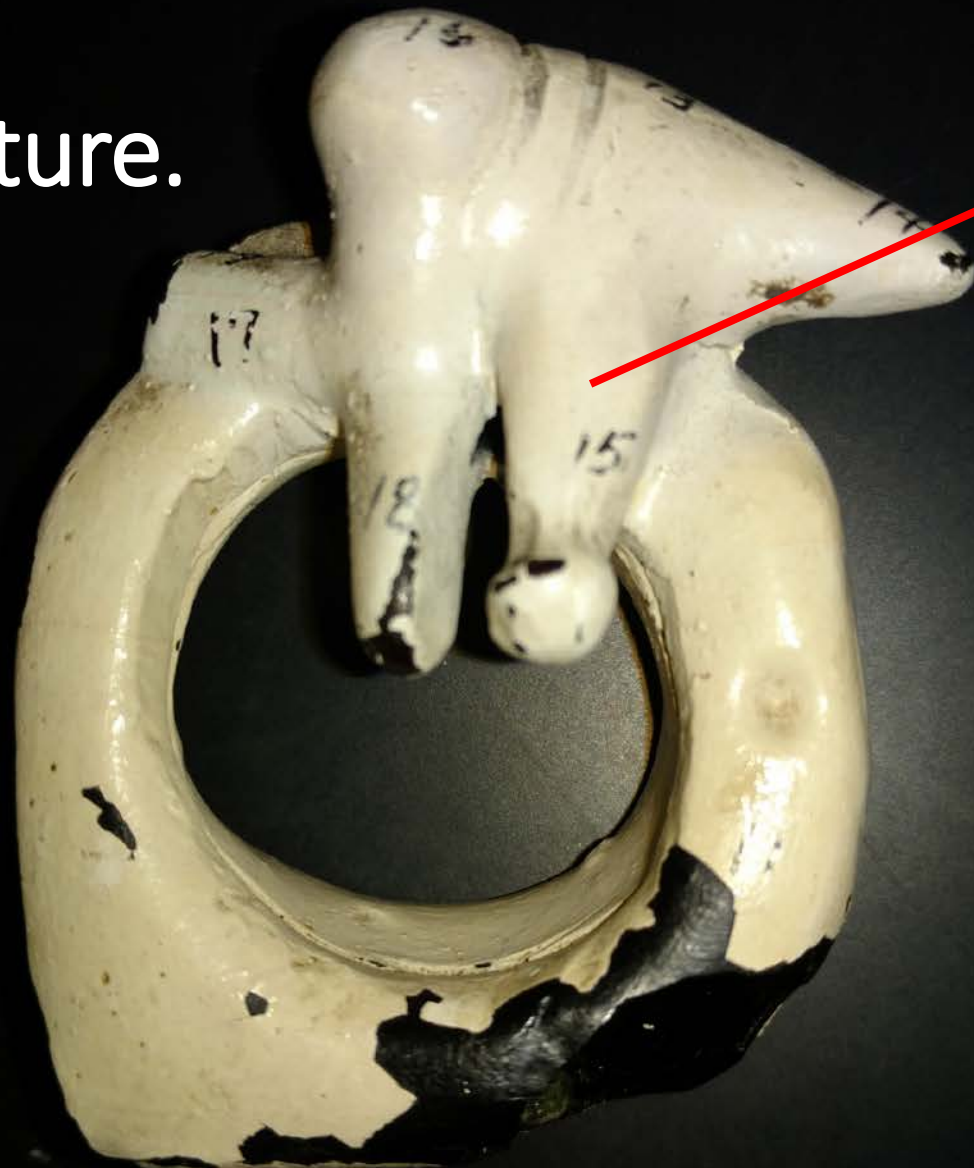


Identify the Structure.

Identify the Structure.

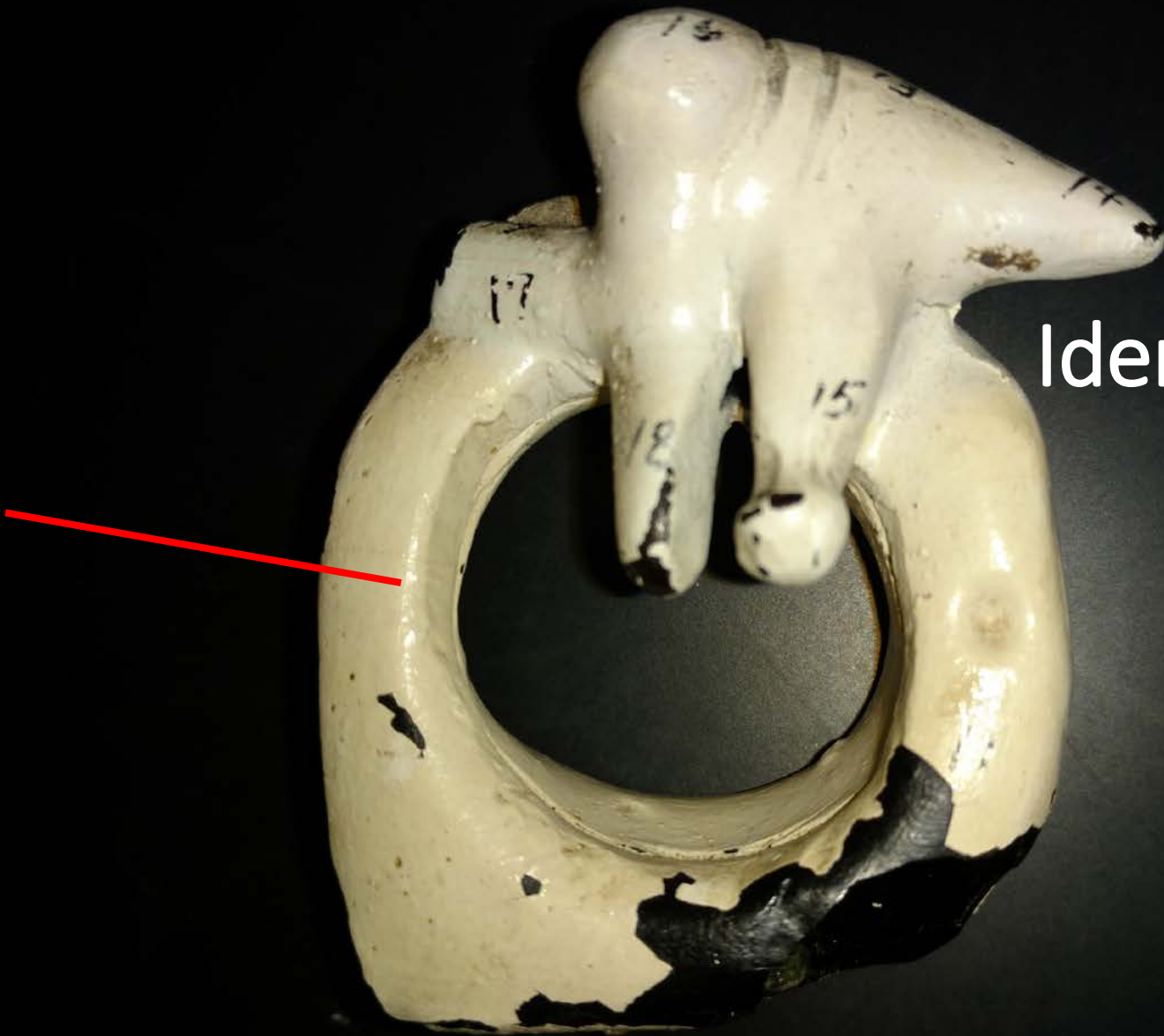


Identify the Structure.



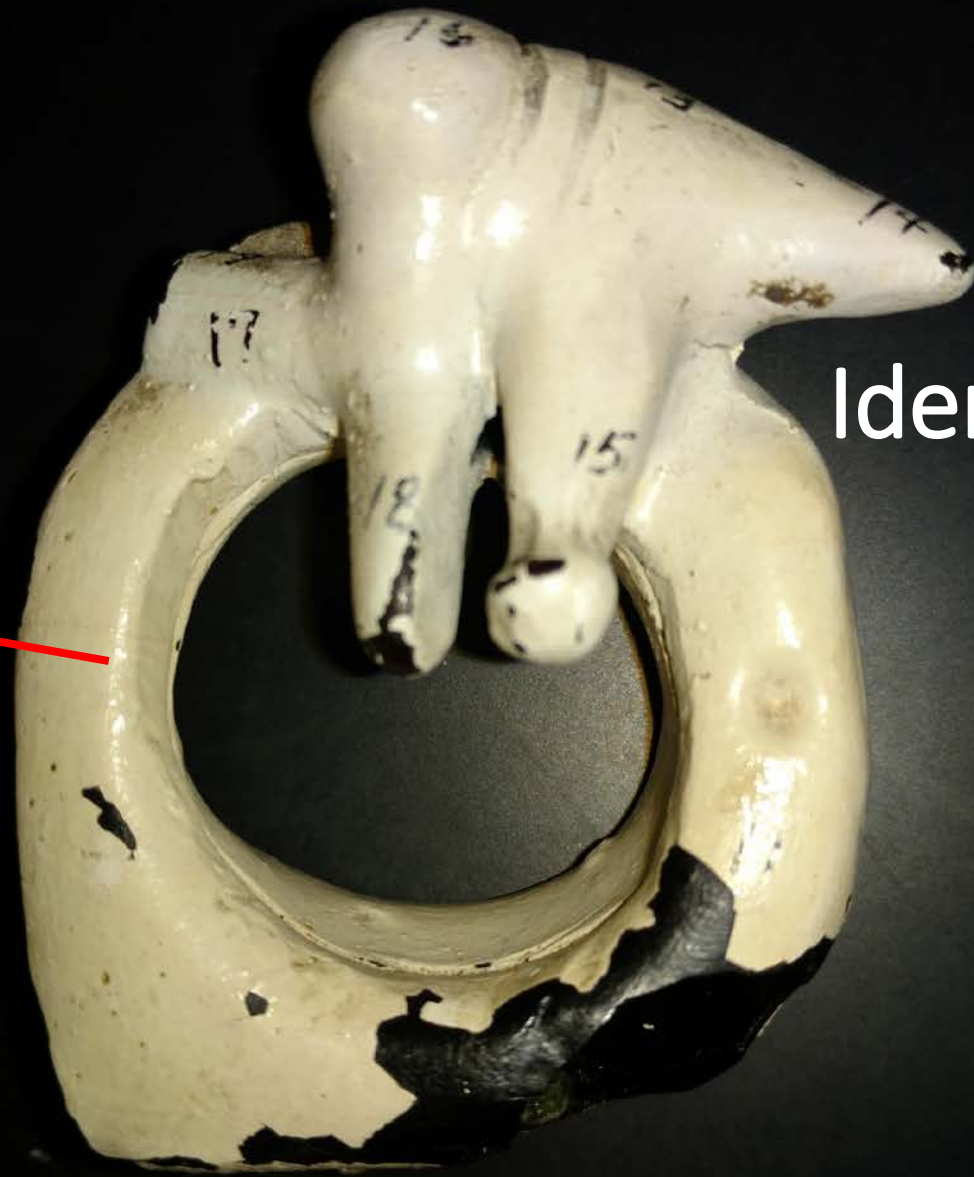
Incus





Identify the Structure.

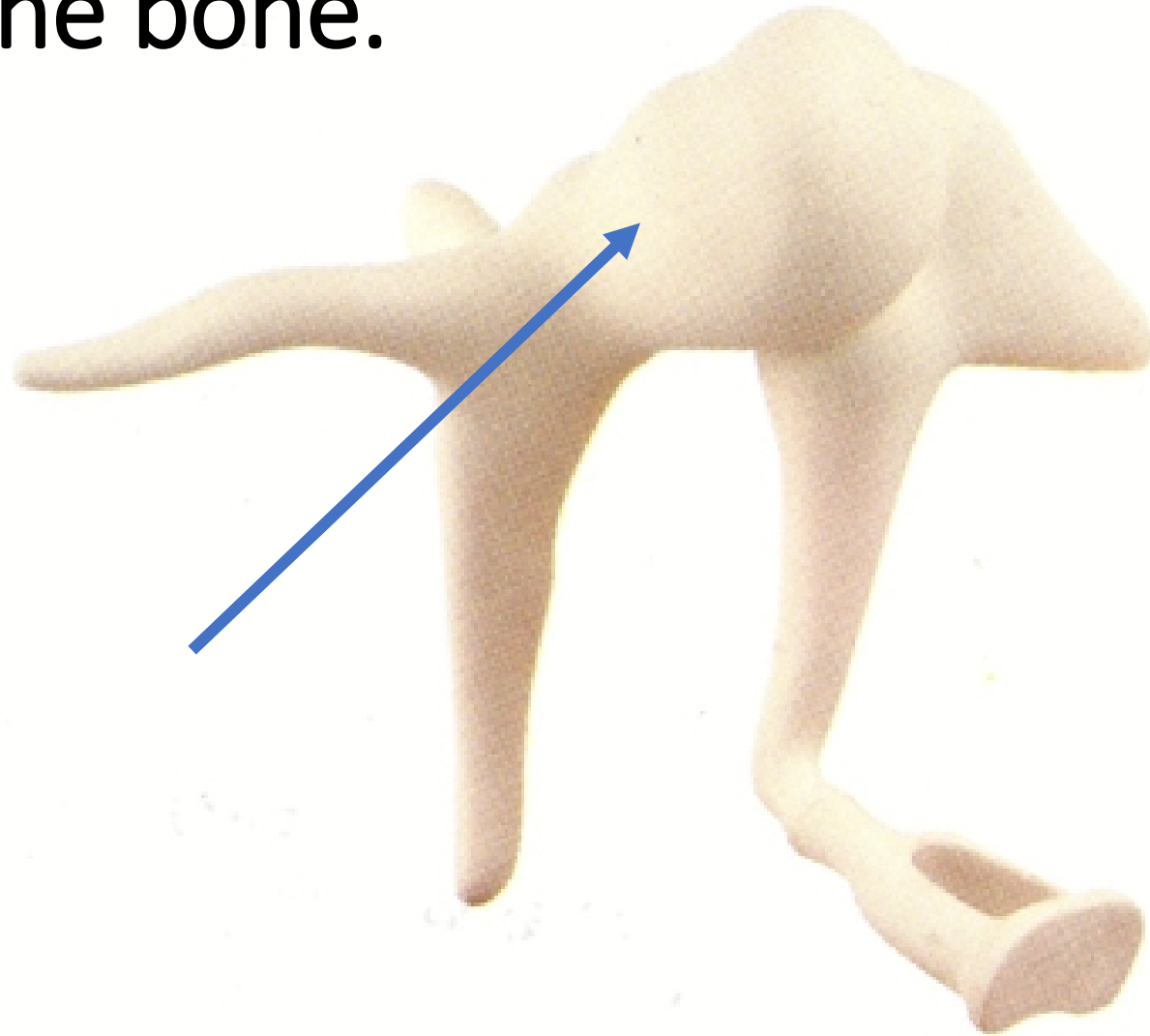
Tympanic  
Membrane



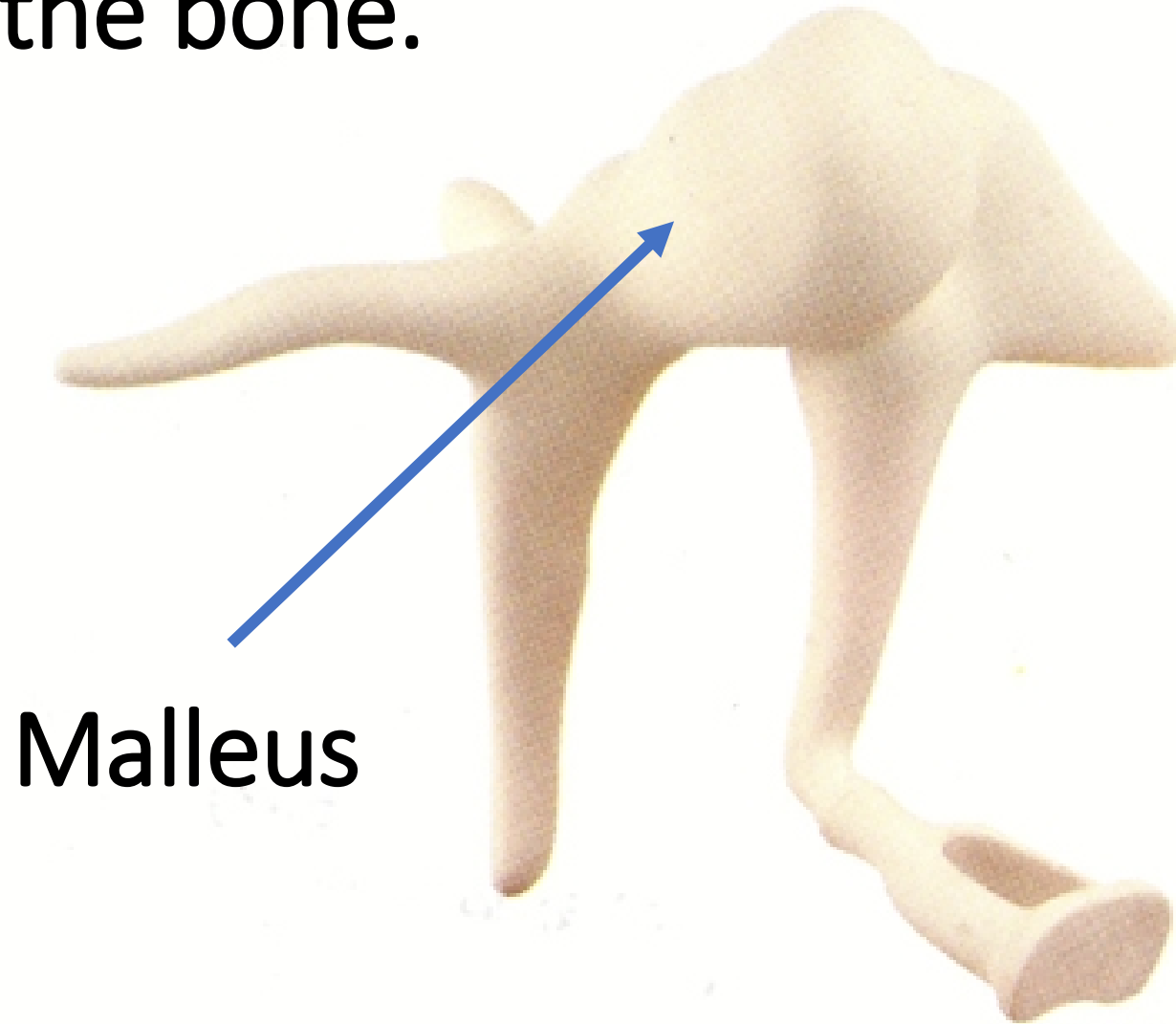
Identify the Structure.



Identify the bone.



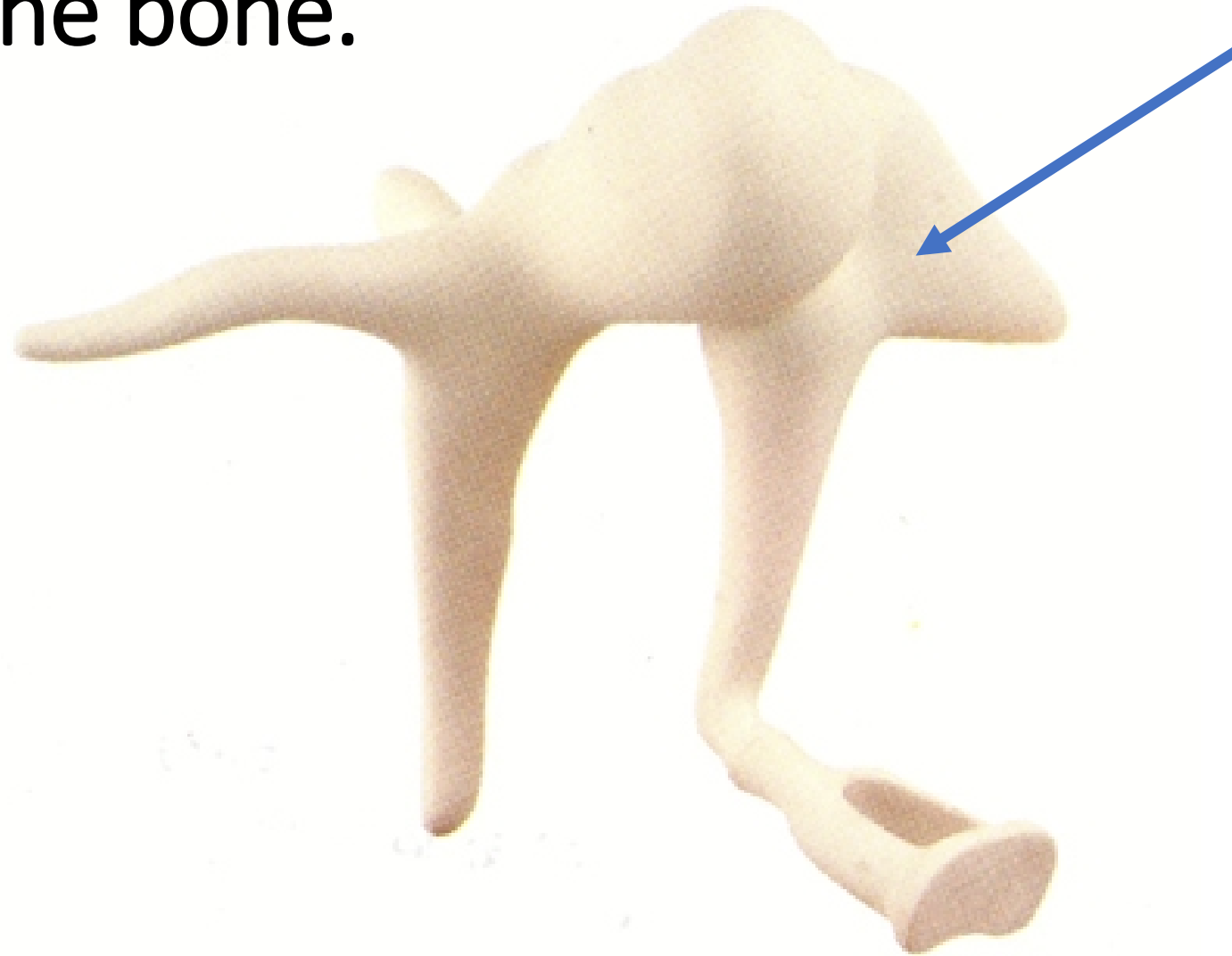
Identify the bone.



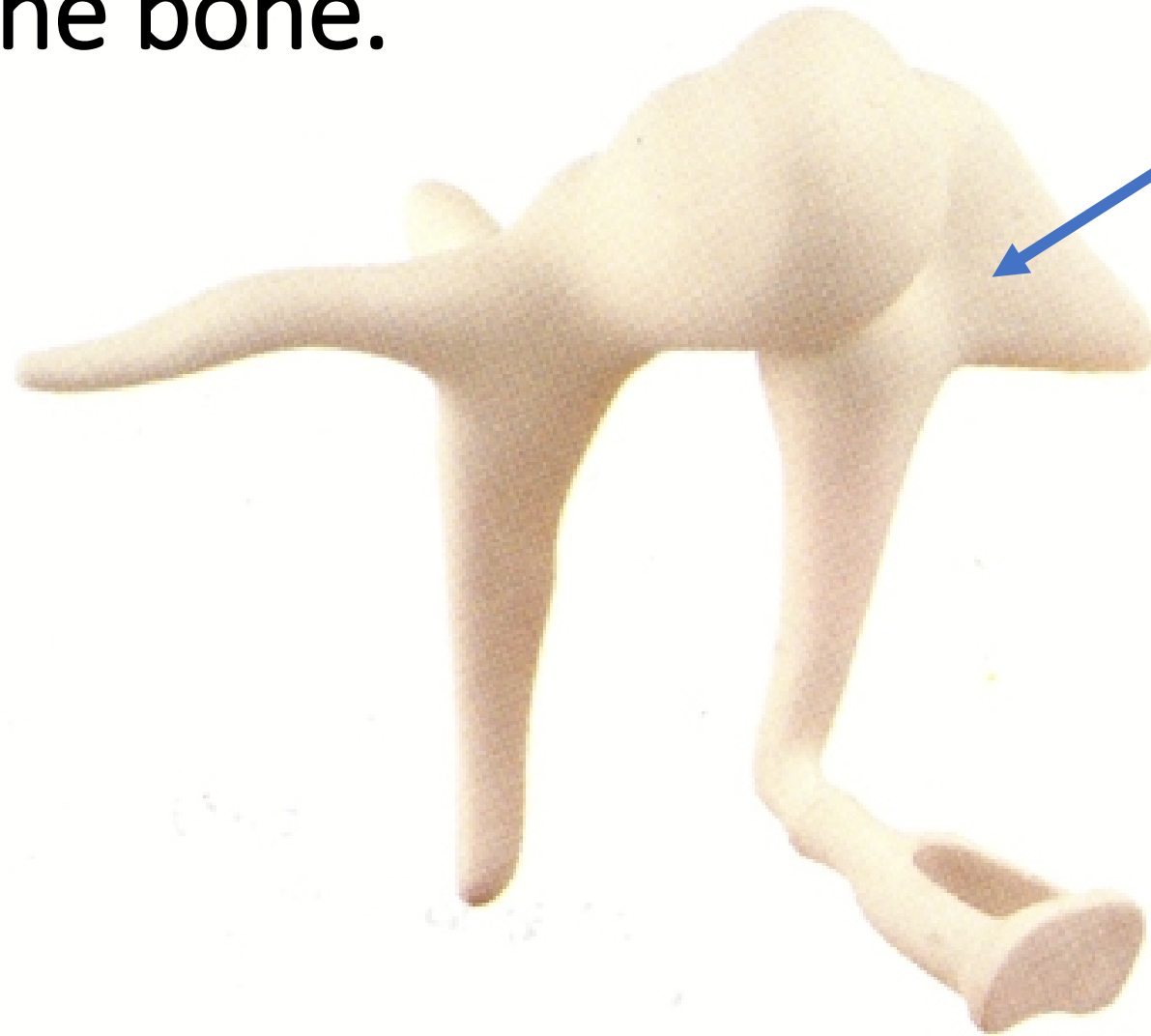
**Malleus**

The auditory ossicles (the malleus, incus and stapes) function to amplify the signal of the soundwaves from the air to the liquid of the inner ear.

Identify the bone.



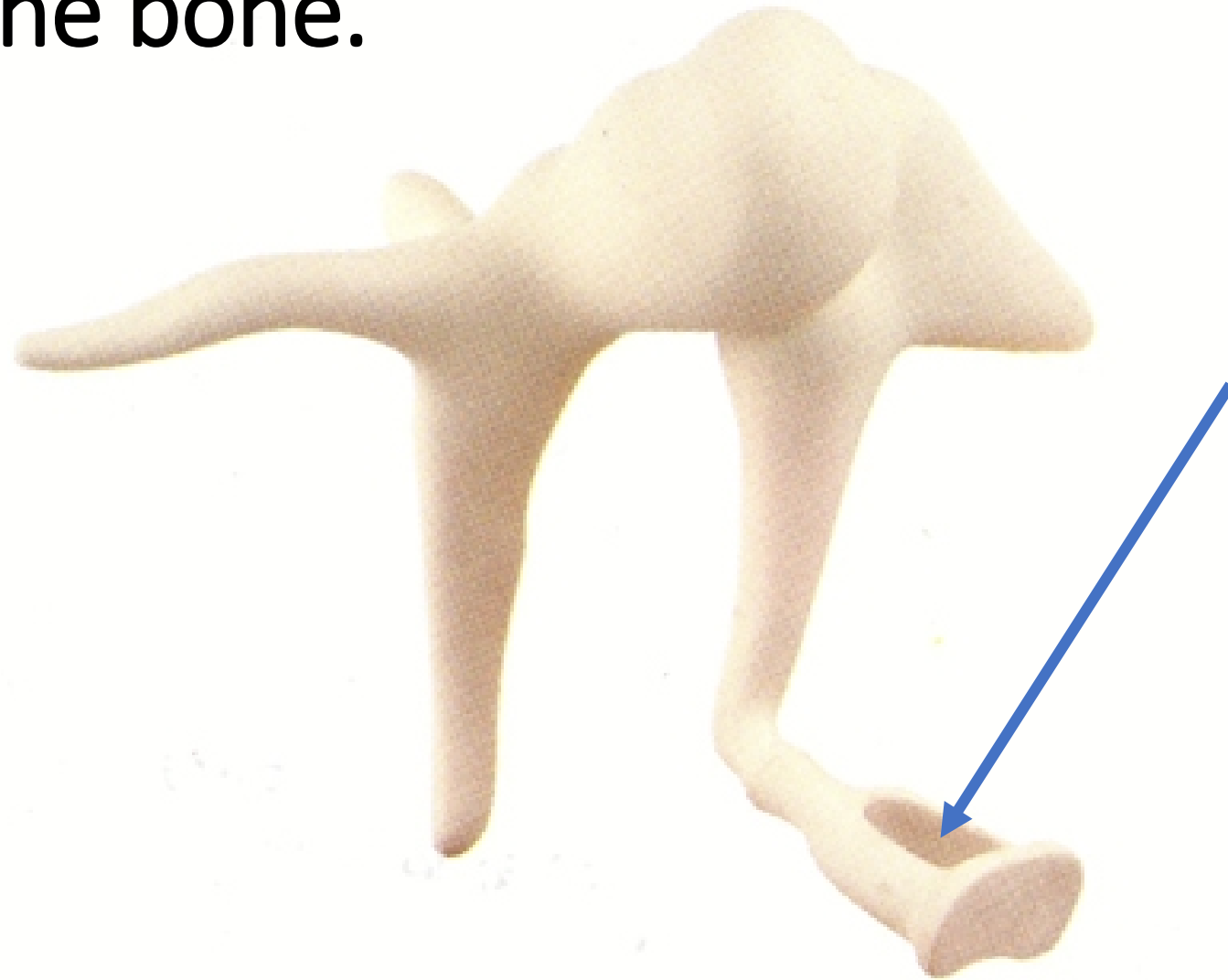
Identify the bone.



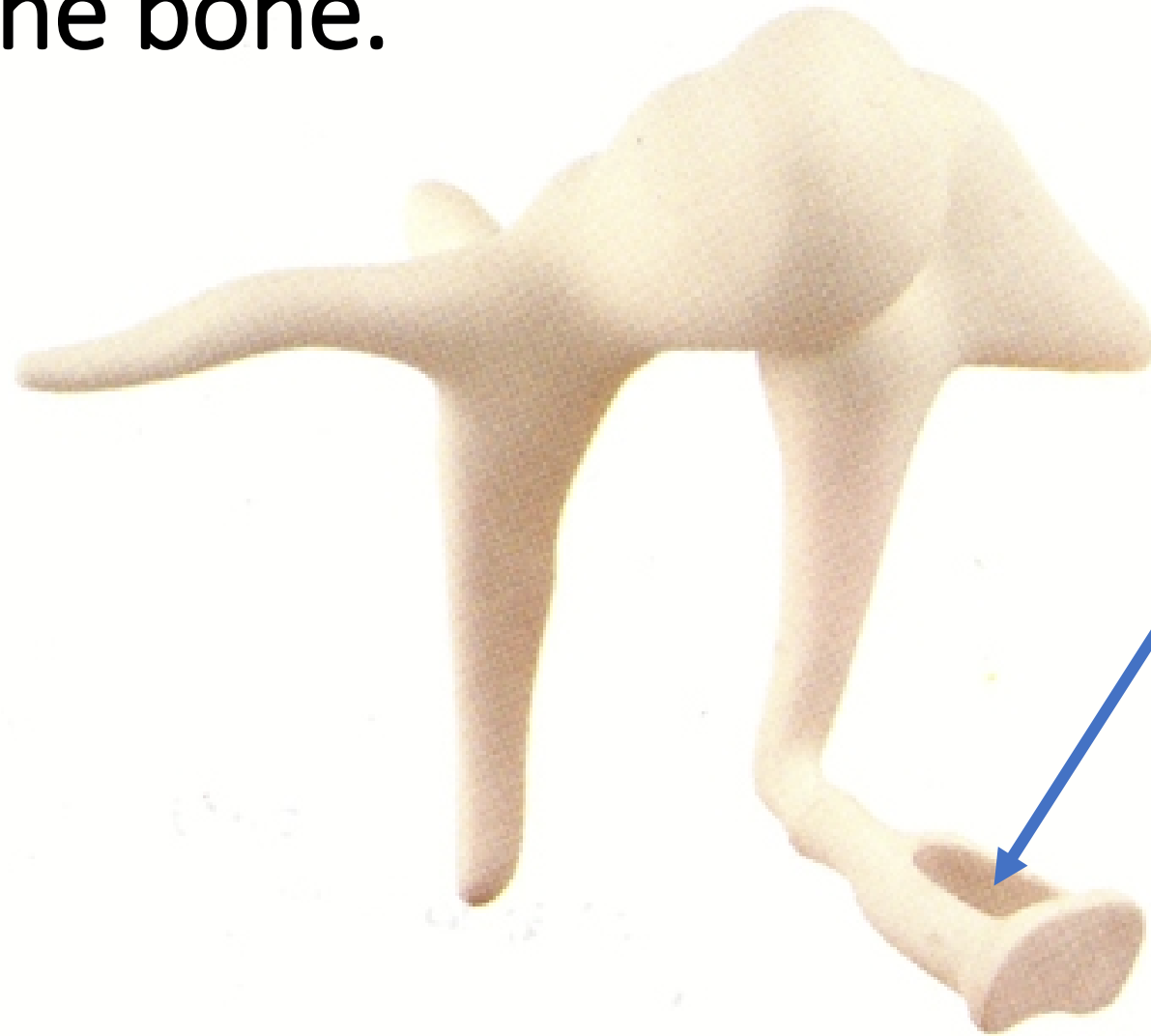
Incus

The auditory ossicles (the malleus, incus and stapes) function to amplify the signal of the soundwaves from the air to the liquid of the inner ear.

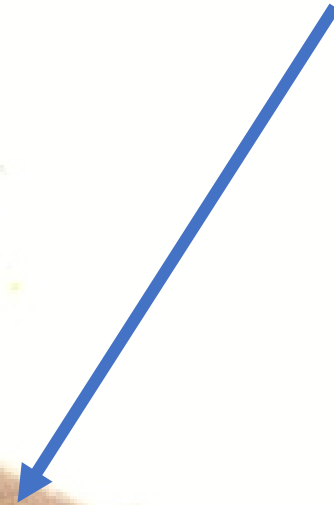
Identify the bone.



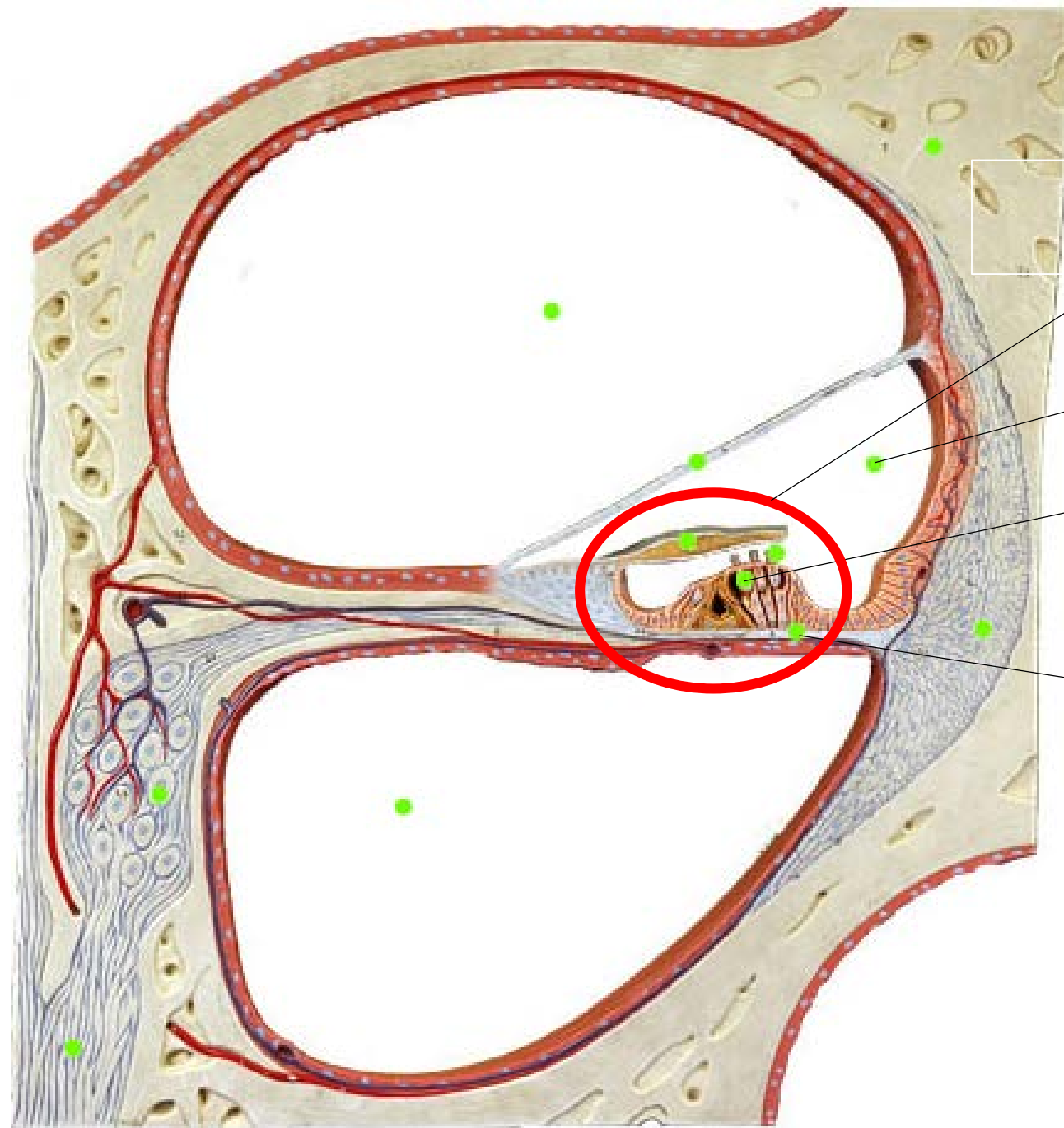
Identify the bone.



Stapes



The auditory ossicles (the malleus, incus and stapes) function to amplify the signal of the soundwaves from the air to the liquid of the inner ear.



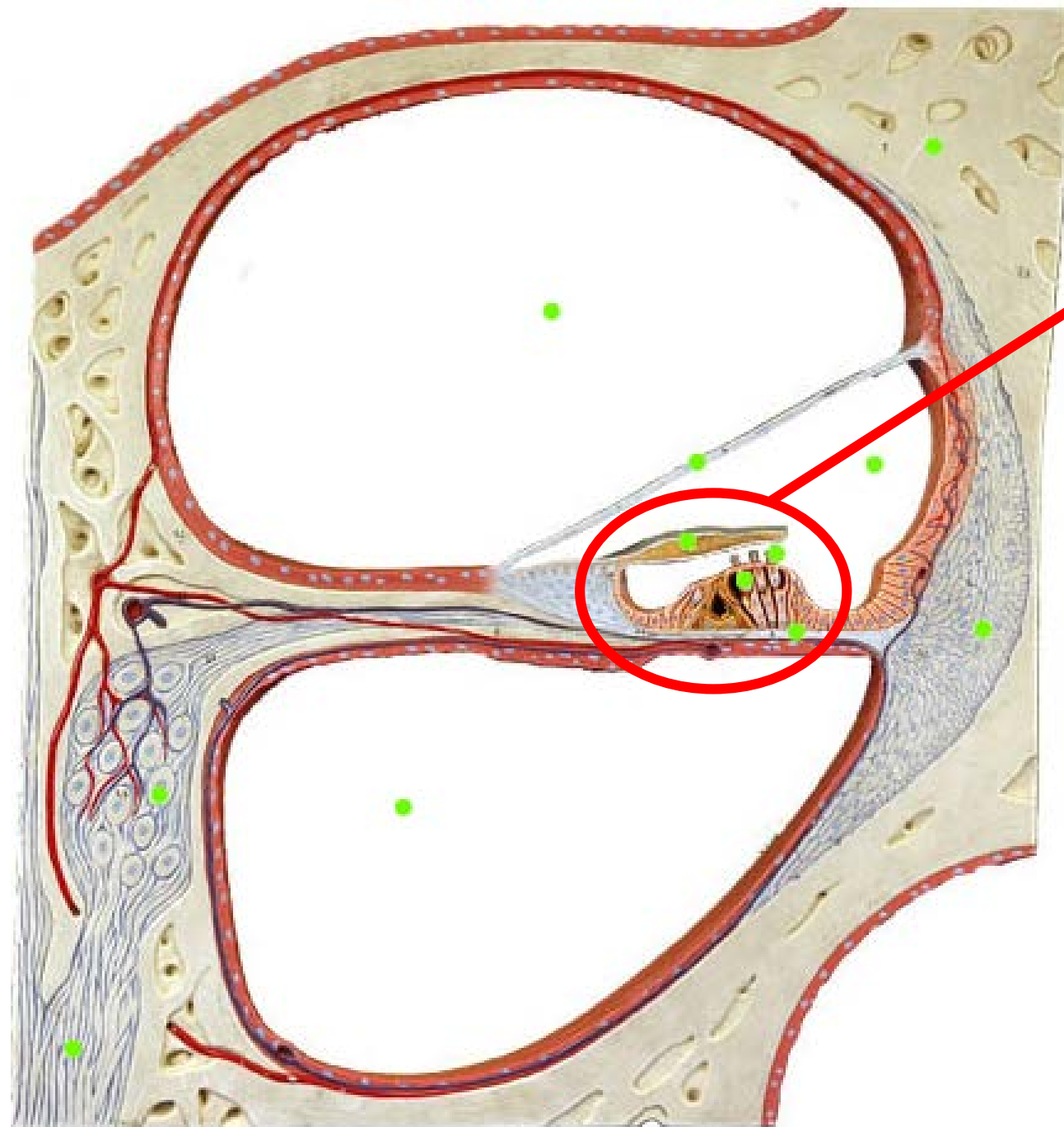
**Spiral Organ  
of Corti**

**Cochlear Duct**

**Hair Cells**

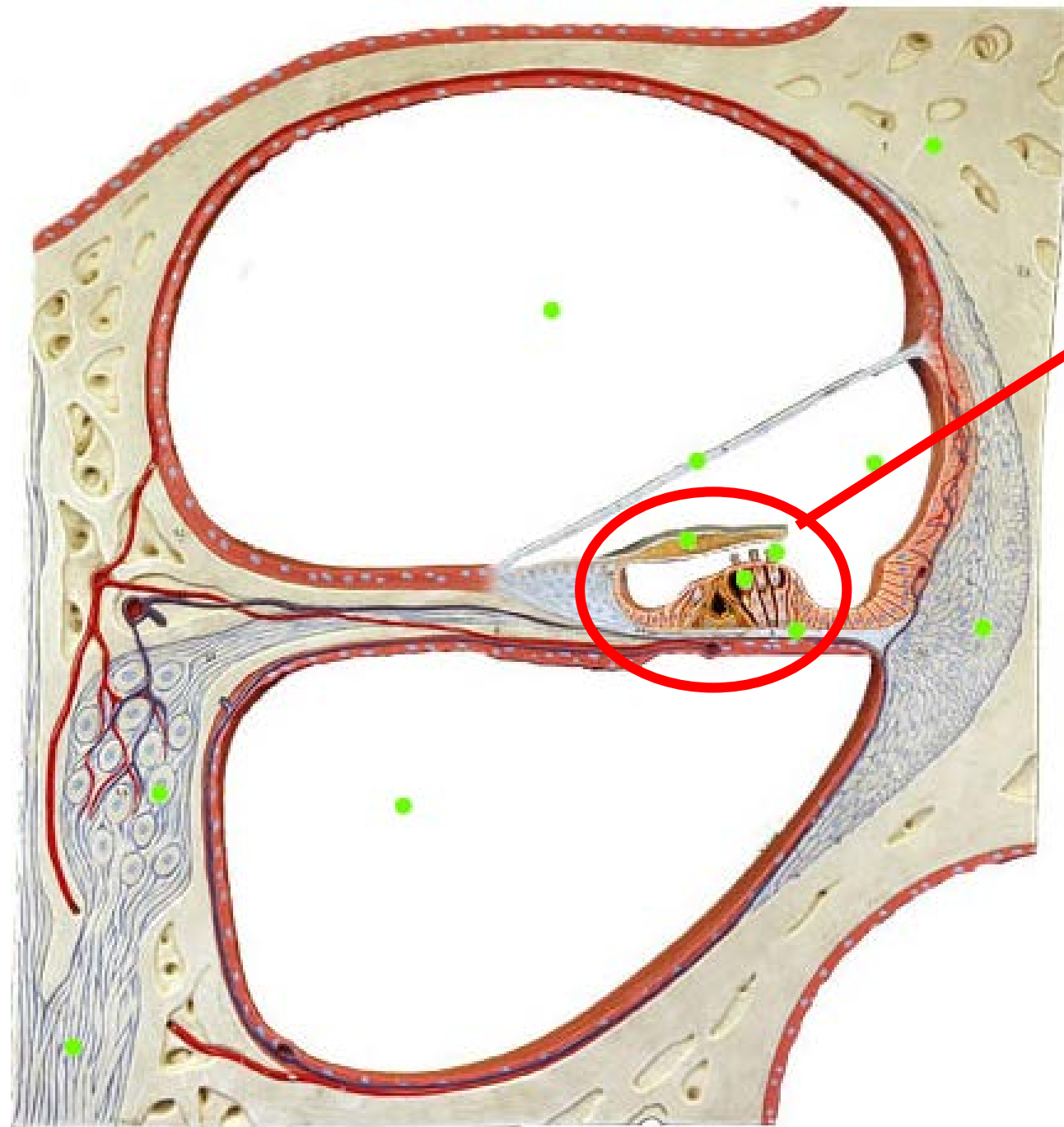
**Basilar  
Membrane**

**IDENTIFY THE  
STRUCTURE.**



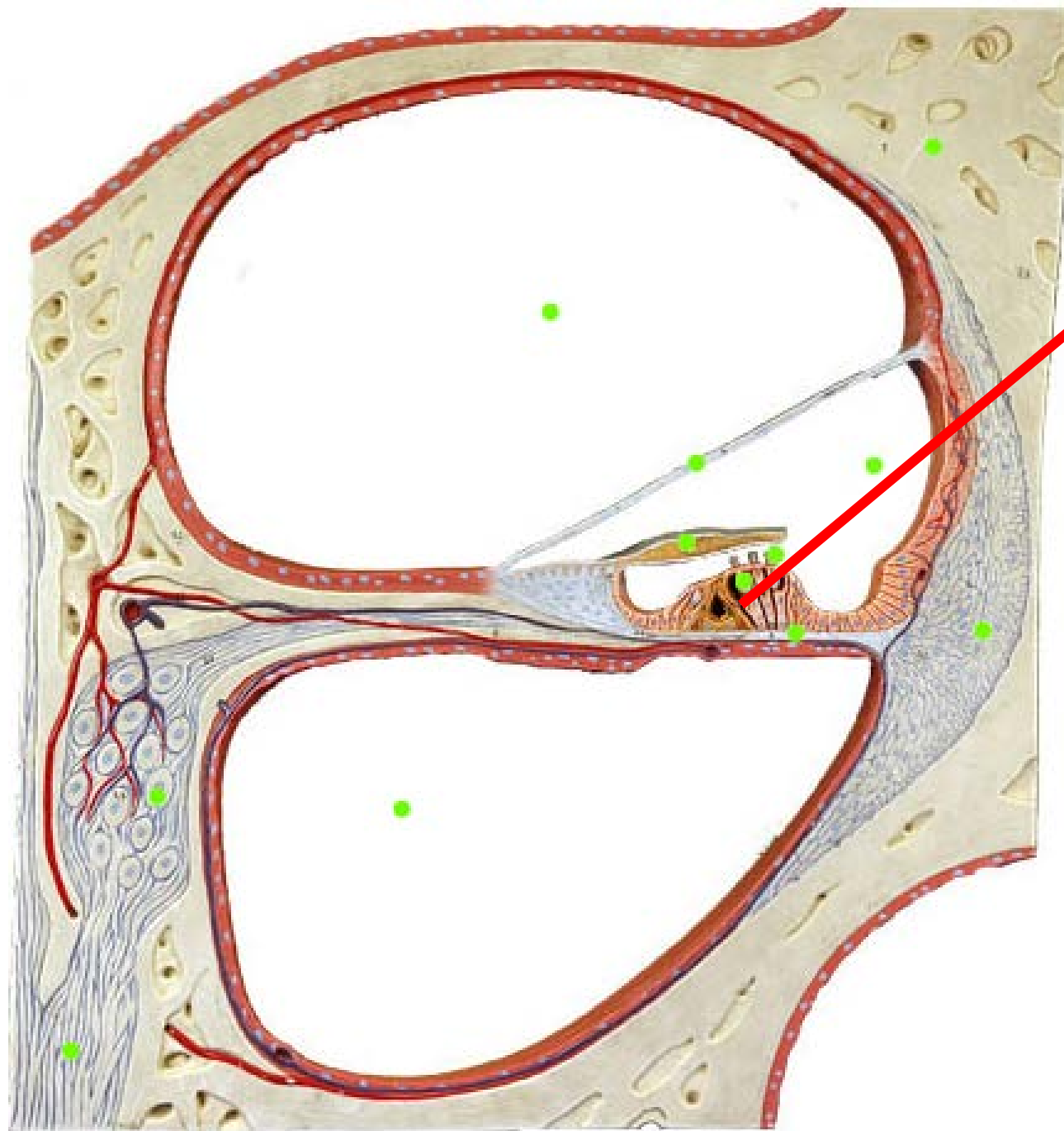


**IDENTIFY THE  
STRUCTURE.**

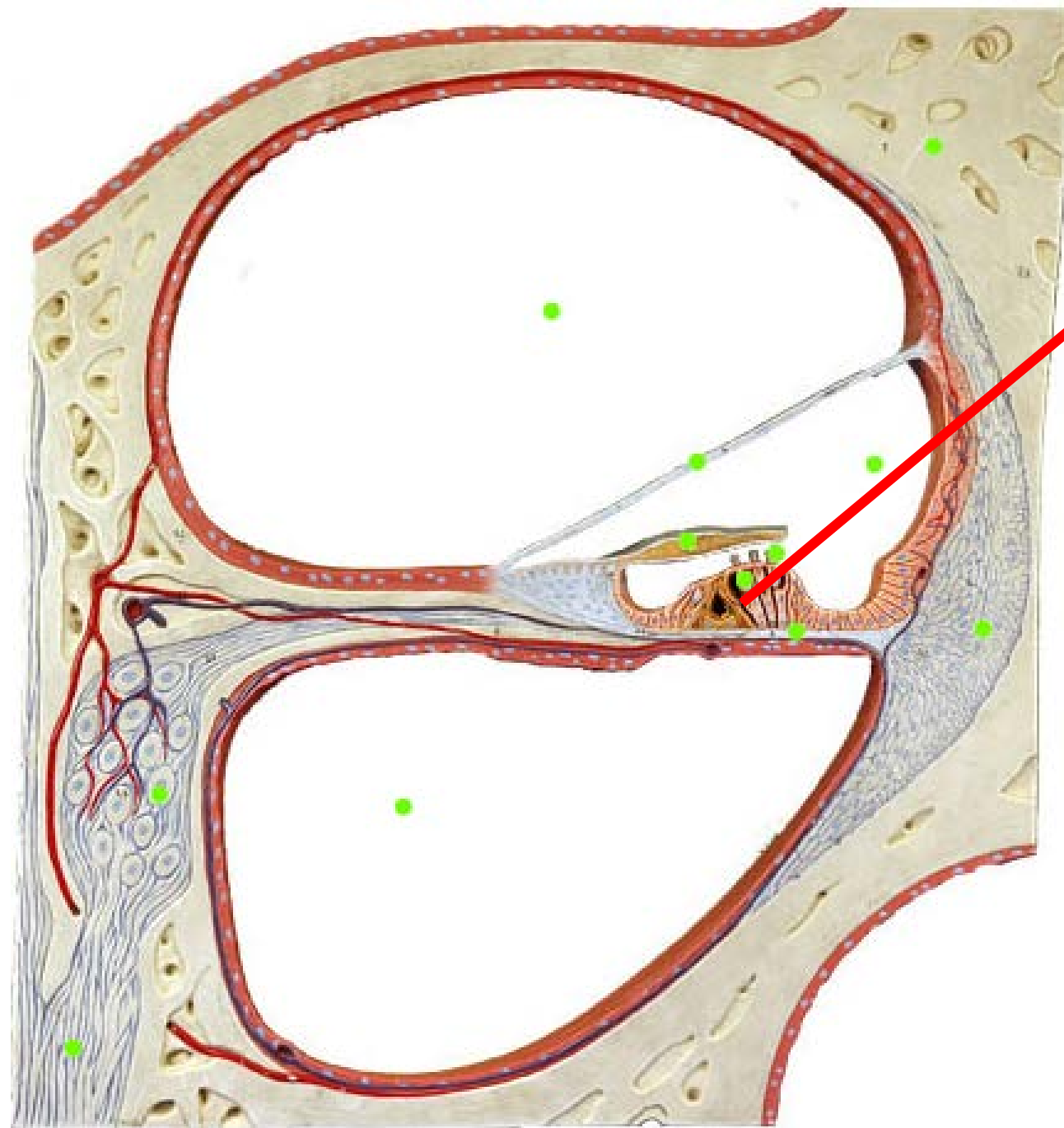


**Spiral Organ  
of Corti**

**IDENTIFY THE  
STRUCTURE.**

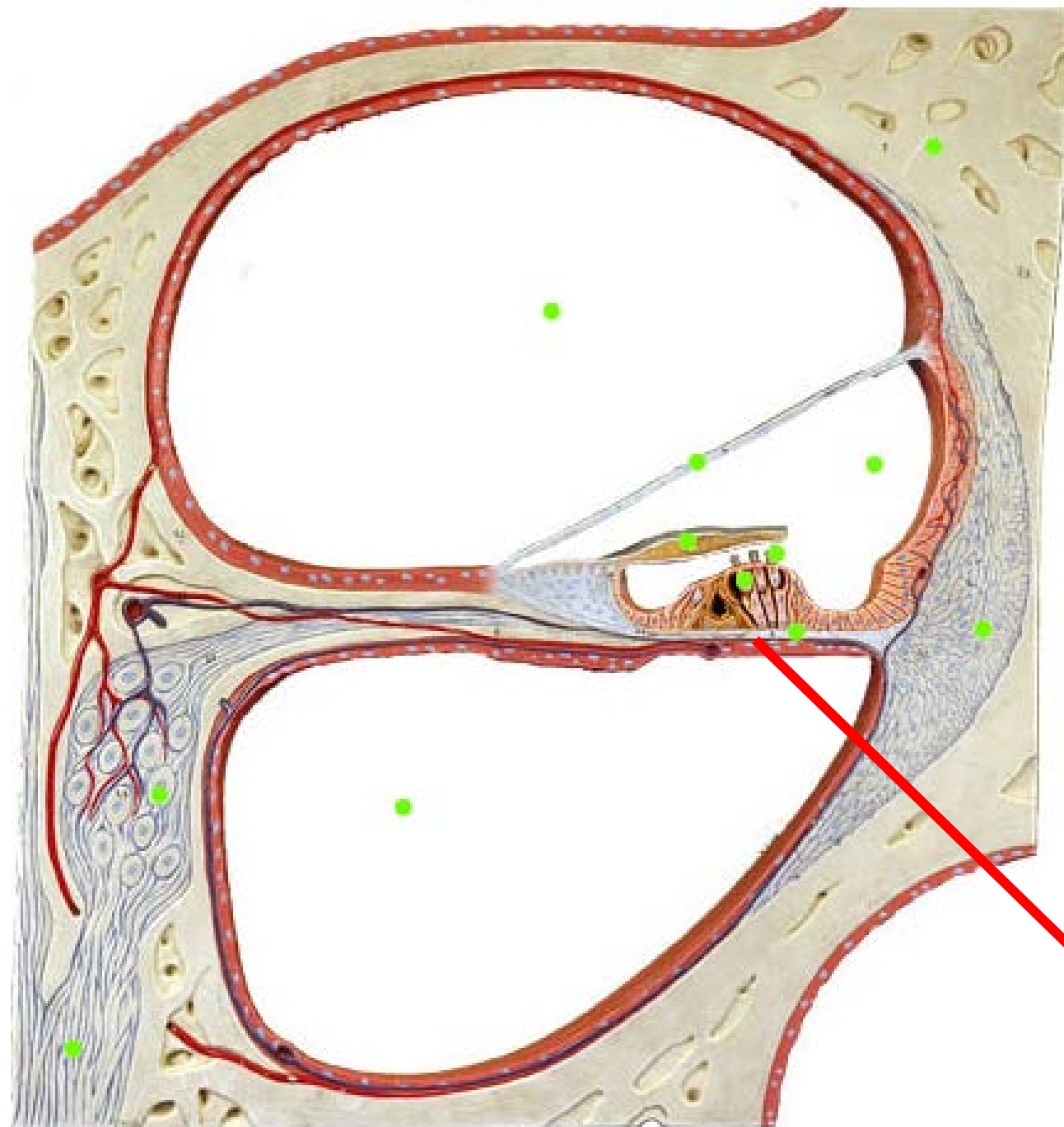


**IDENTIFY THE  
STRUCTURE.**

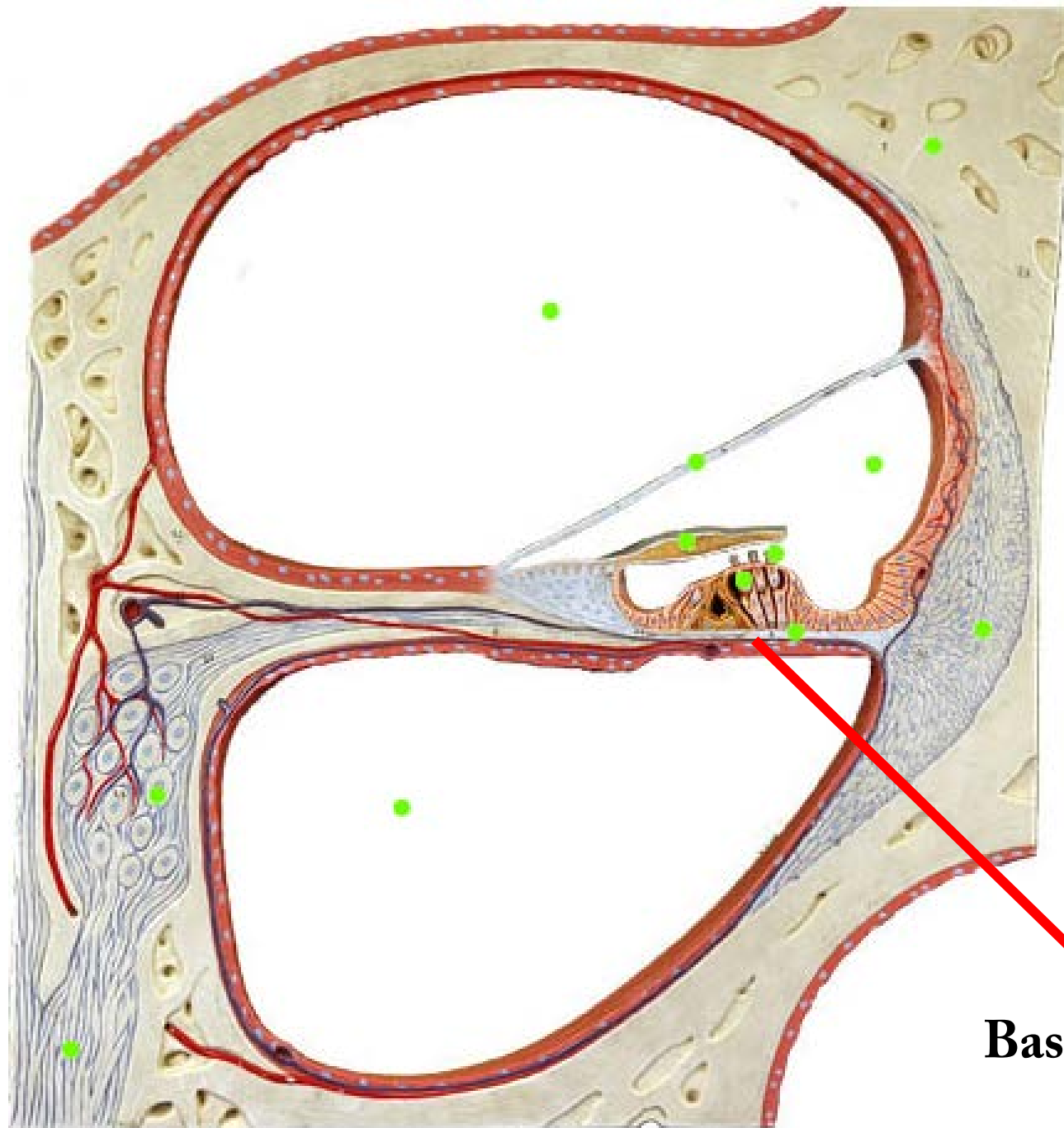


**Hair Cells**

**IDENTIFY THE  
STRUCTURE.**

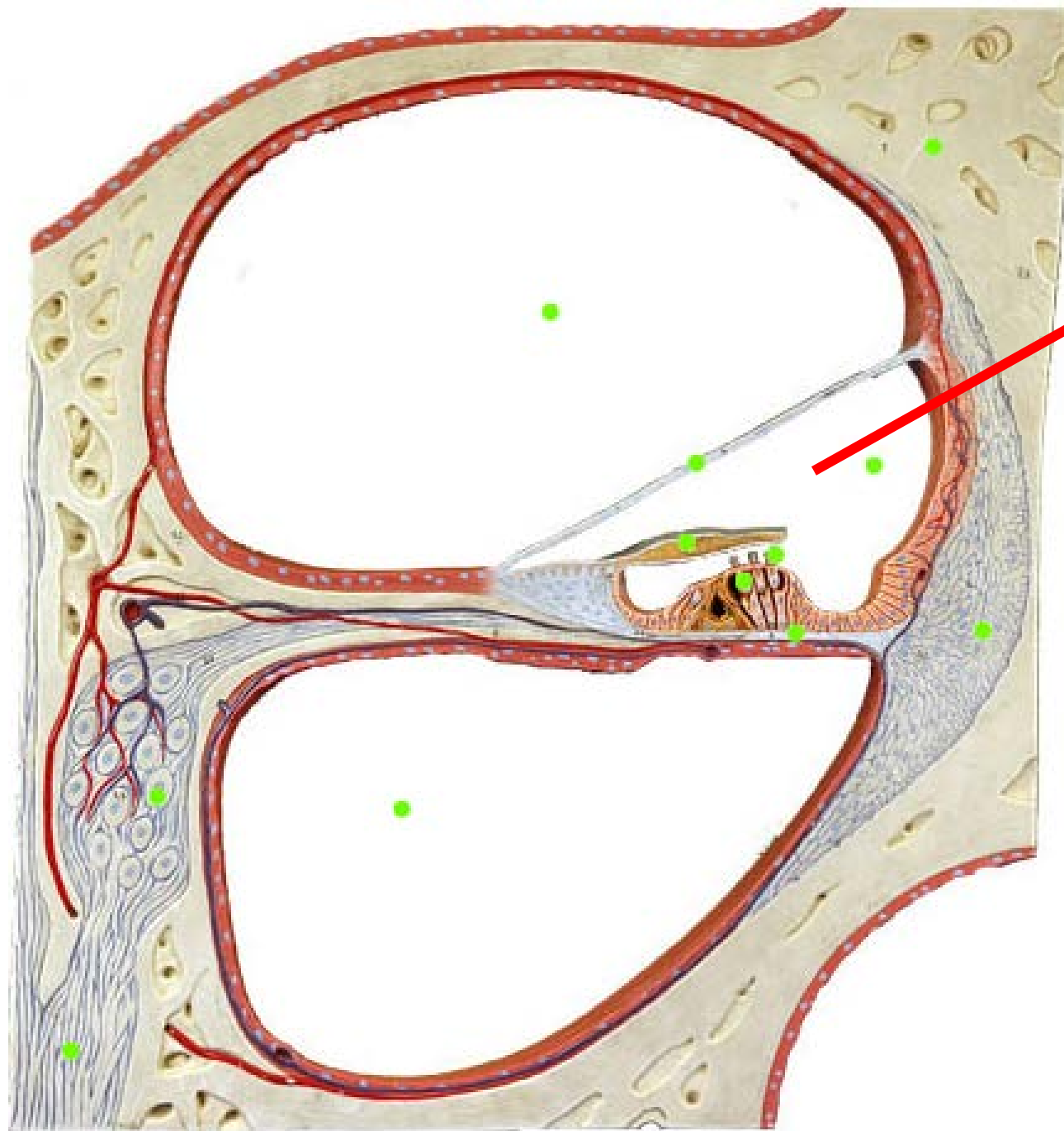


**IDENTIFY THE  
STRUCTURE.**

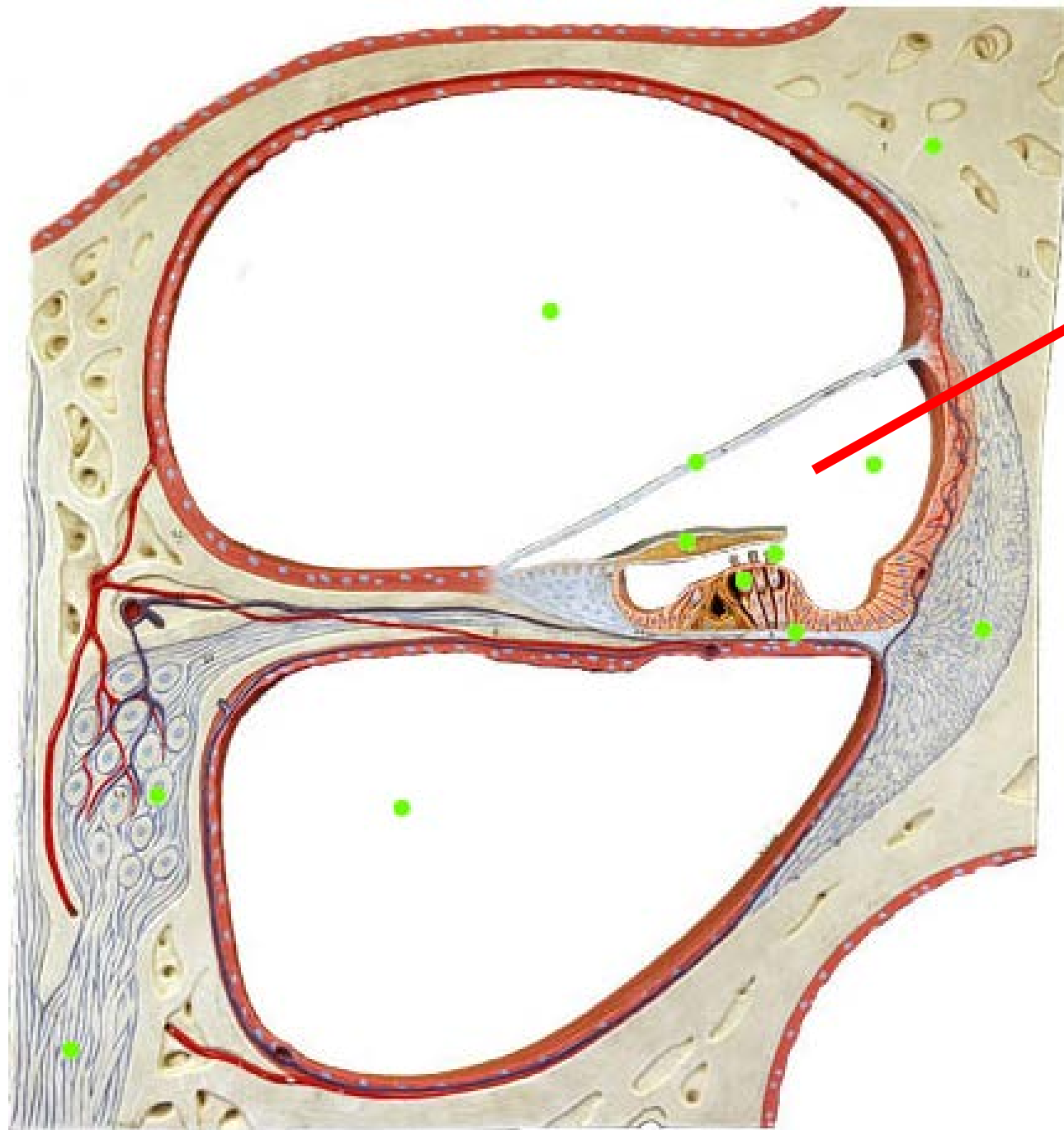


**Basilar Membrane**

**IDENTIFY THE  
STRUCTURE.**



**IDENTIFY THE  
STRUCTURE.**



**Cochlear Duct**

# IDENTIFY THE STRUCTURE





# IDENTIFY THE STRUCTURE

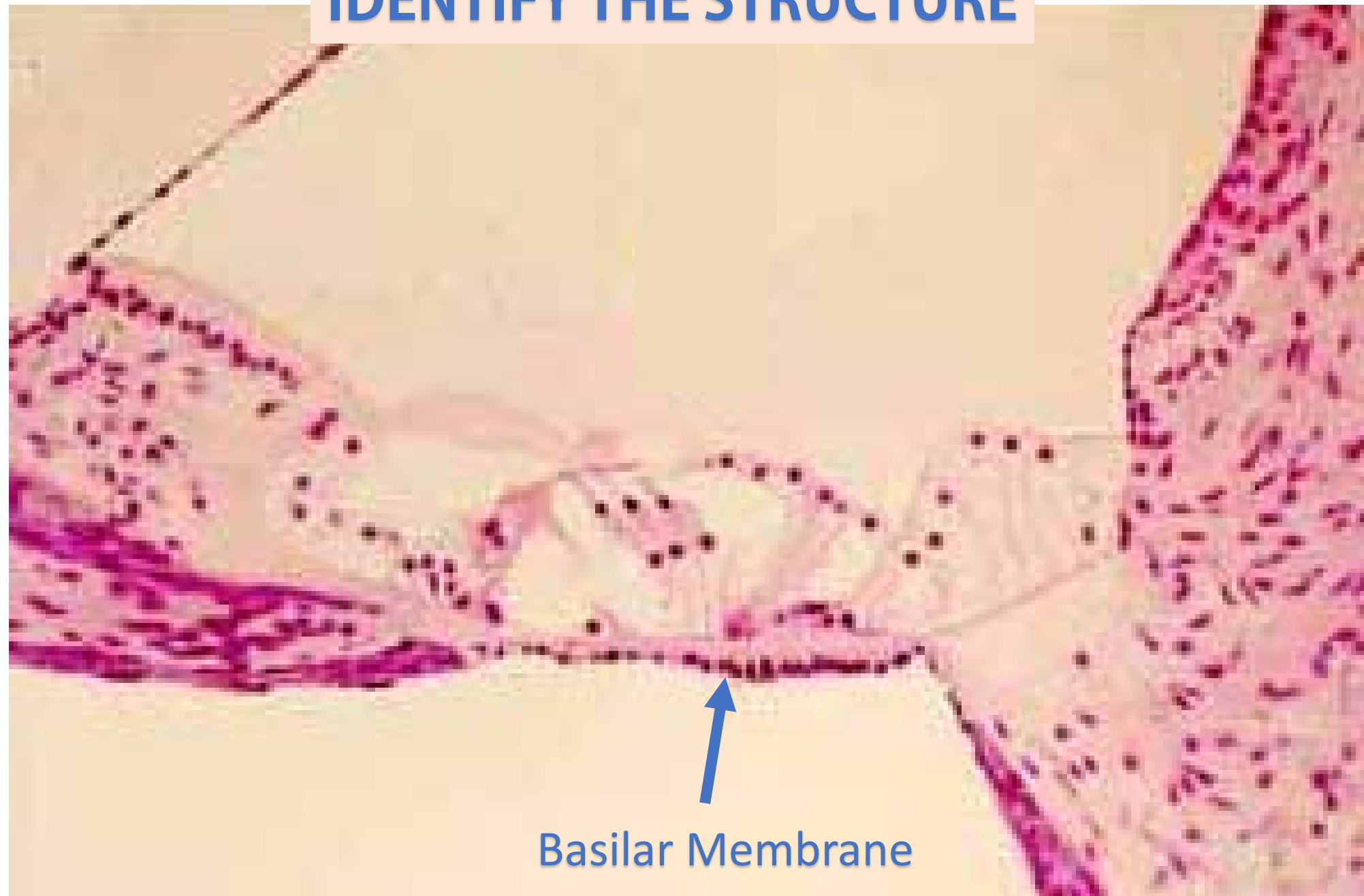


Hair Cells

# IDENTIFY THE STRUCTURE



# IDENTIFY THE STRUCTURE

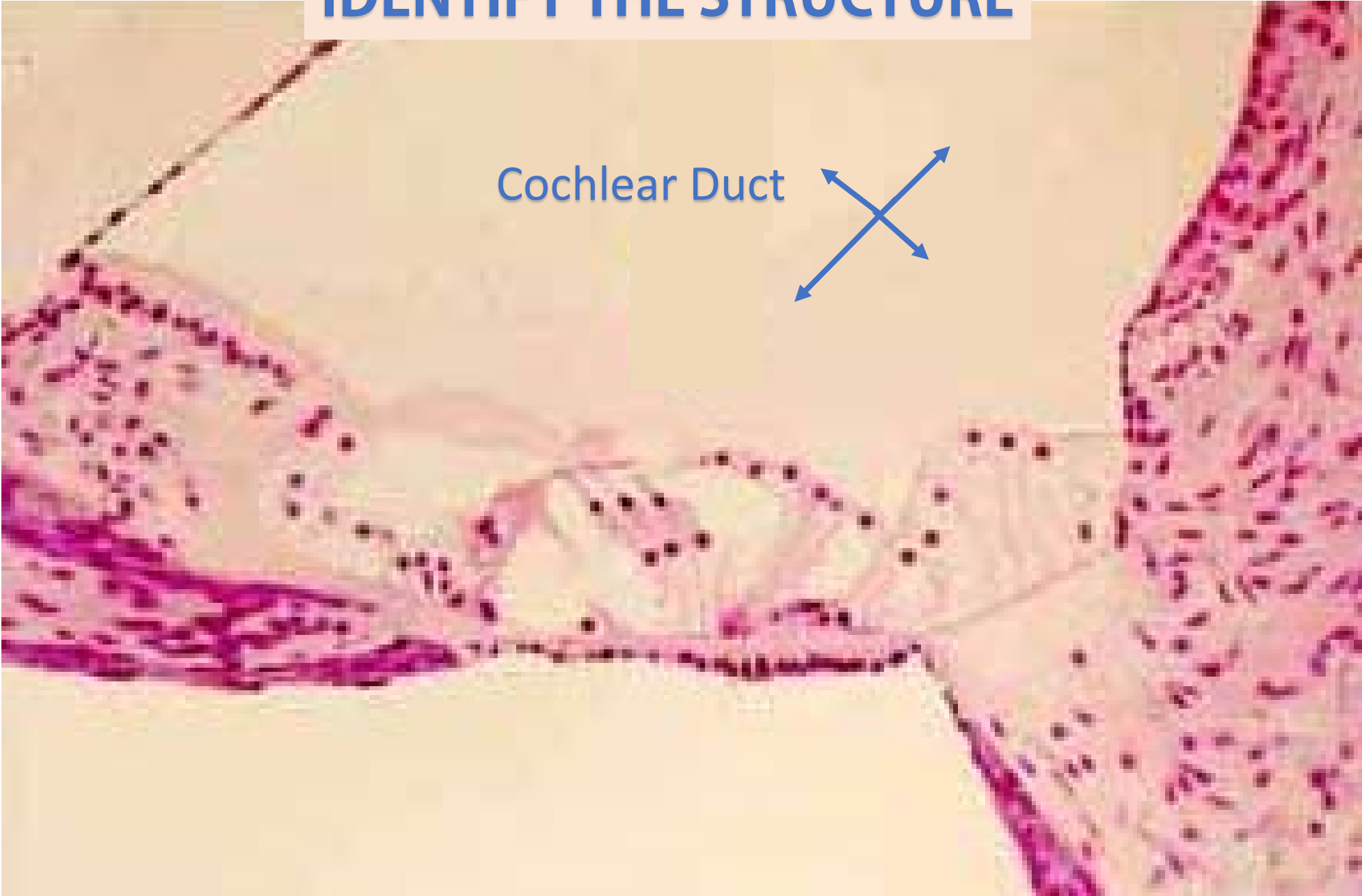


Basilar Membrane

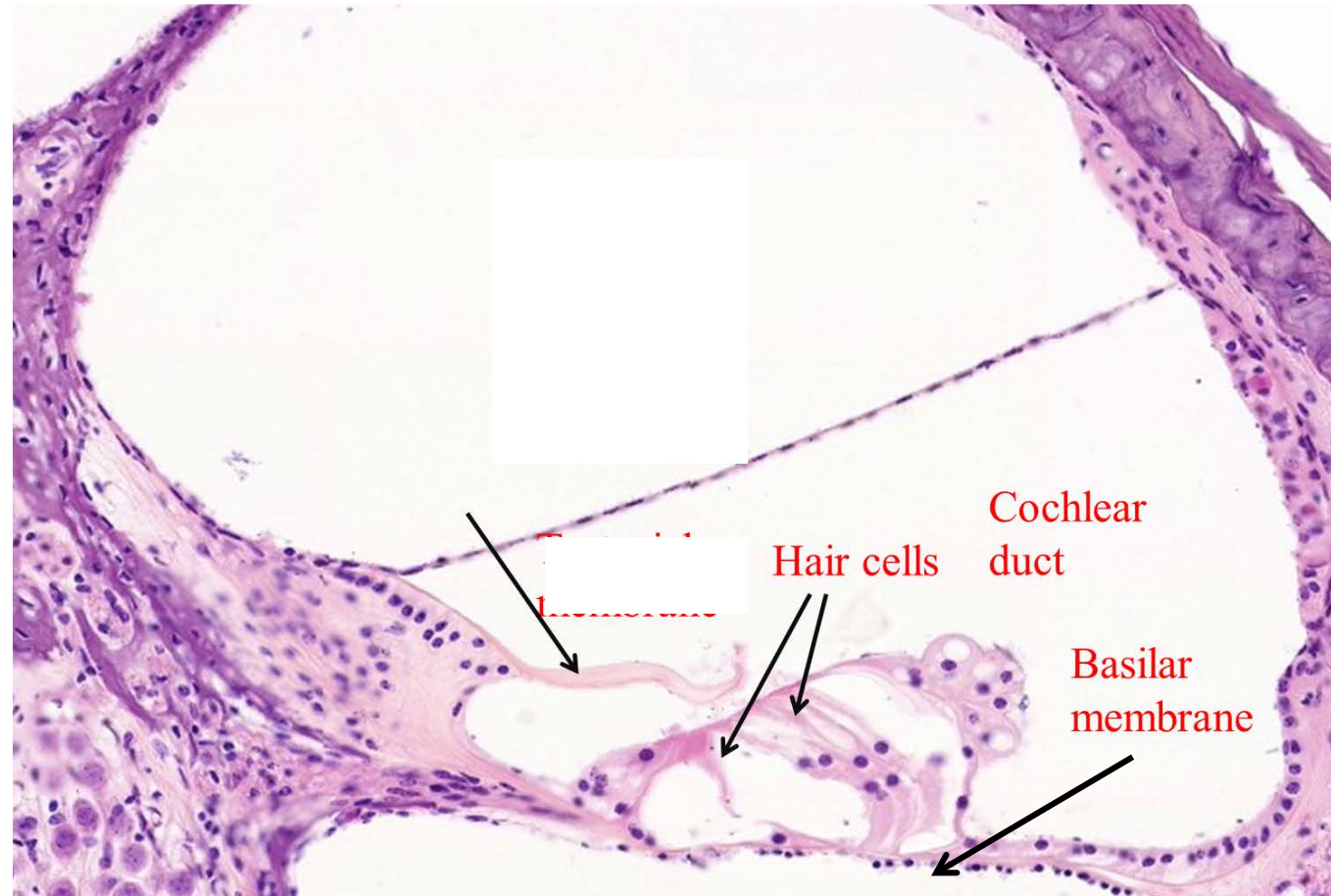
# IDENTIFY THE STRUCTURE



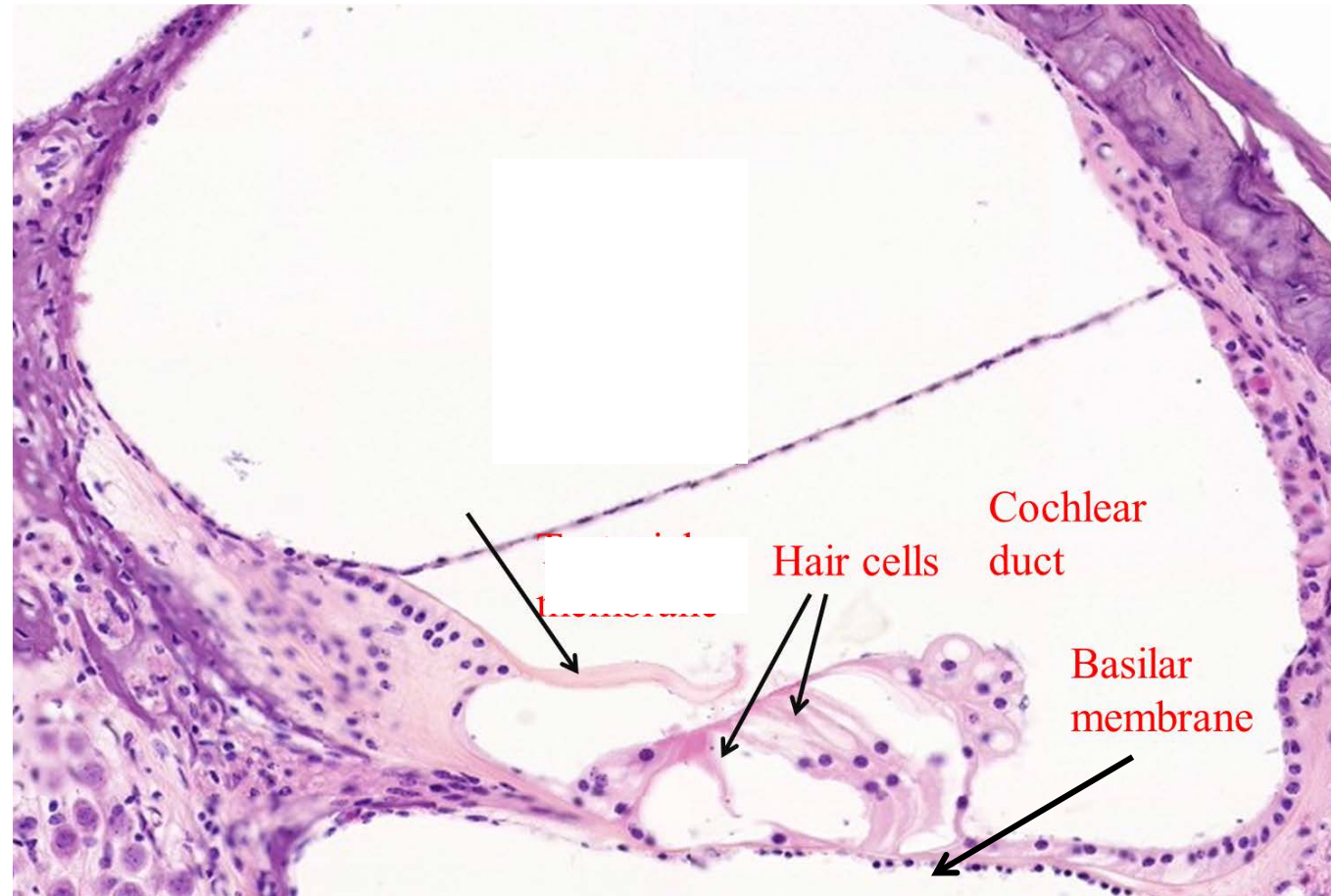
# IDENTIFY THE STRUCTURE



# Identify the Structure

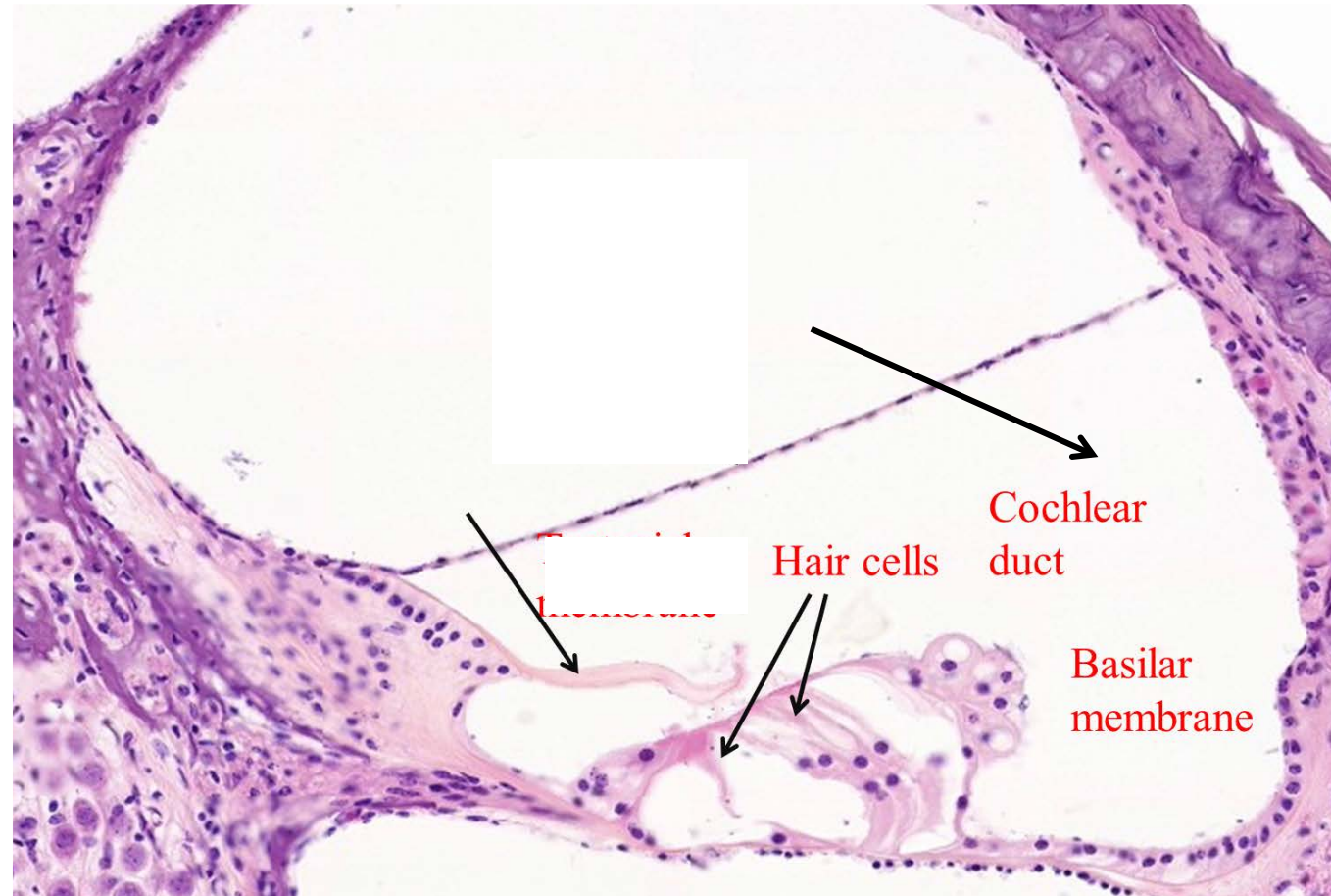


# Identify the Structure



Basilar Membrane

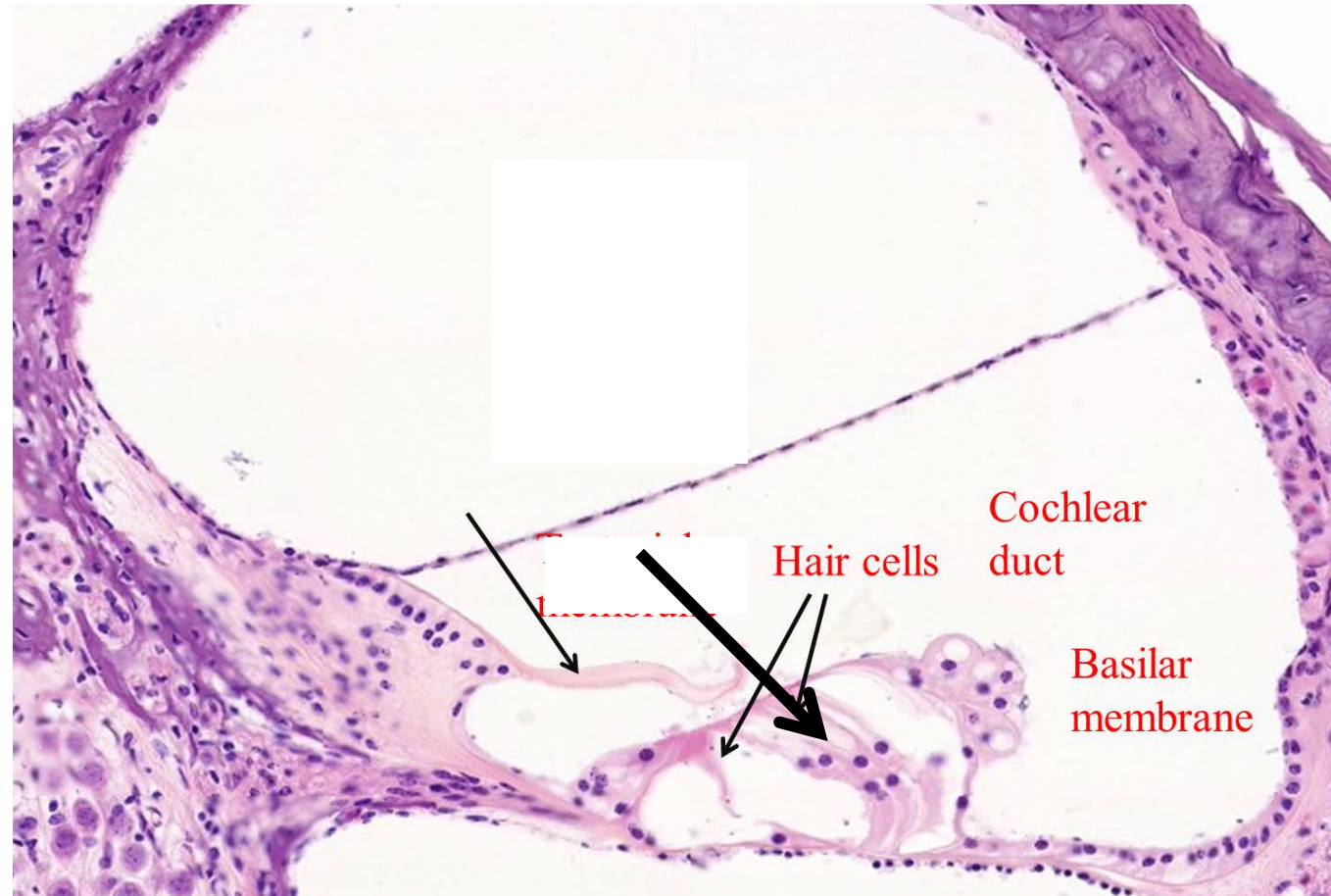
# Identify the Structure



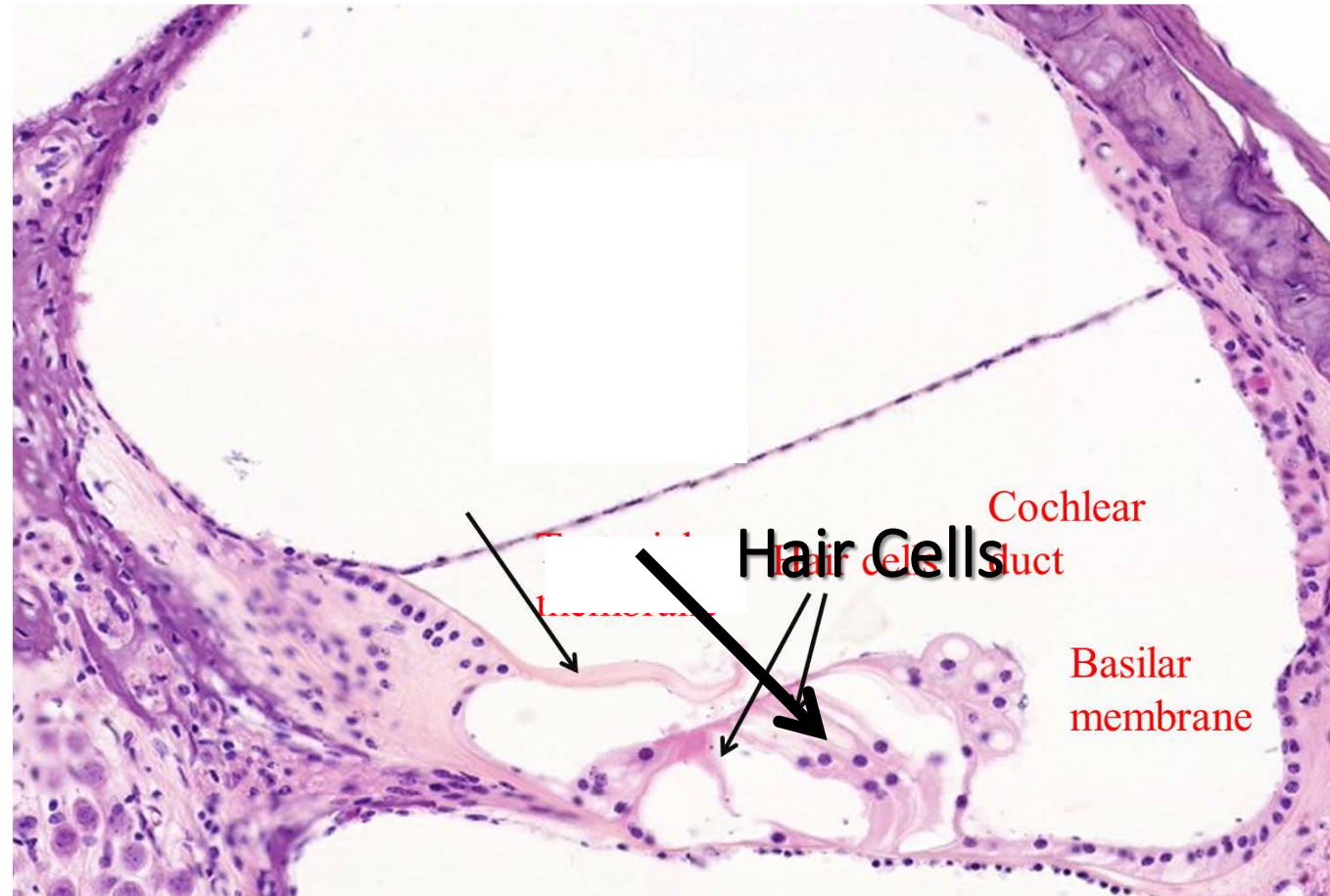




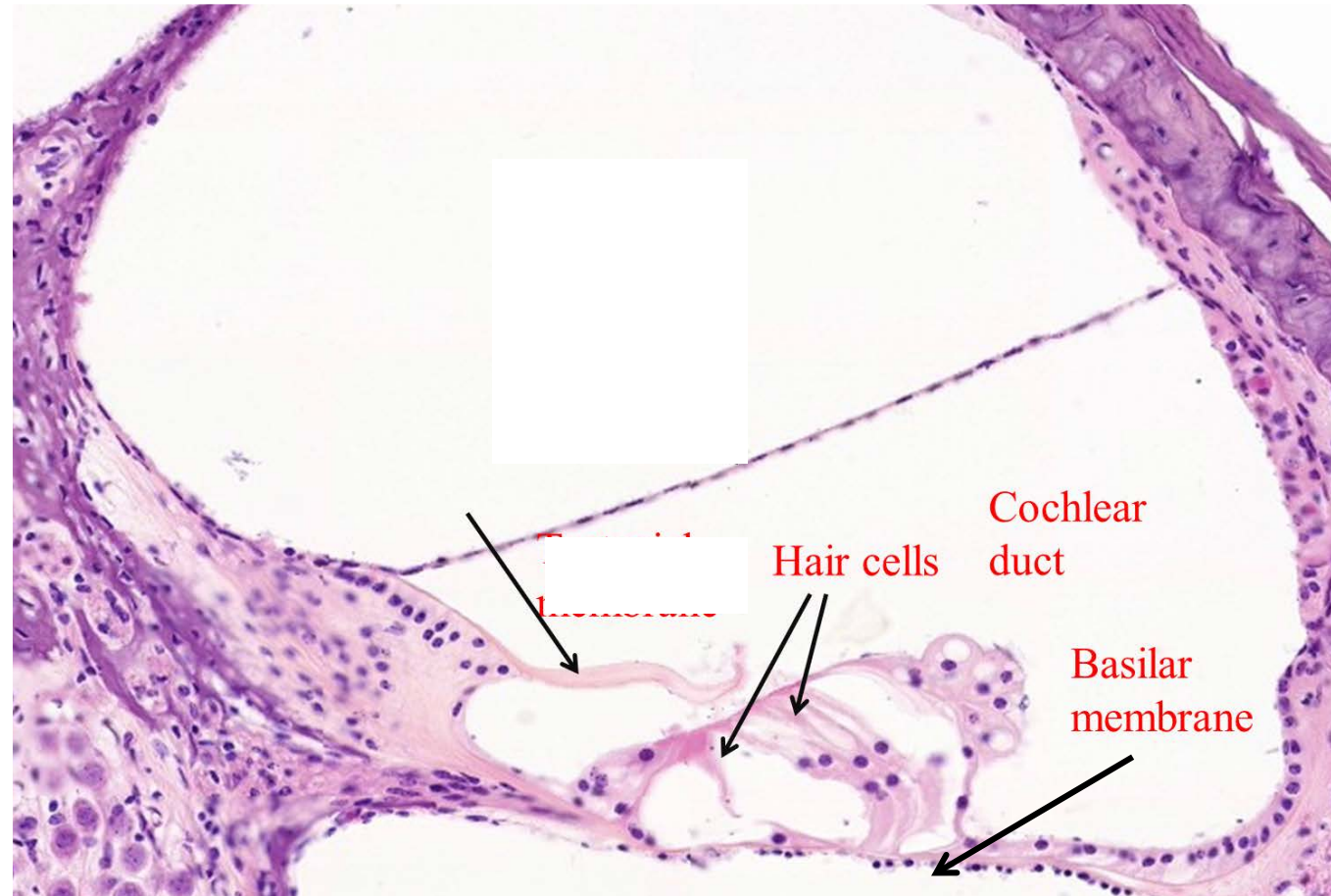
# Identify the Structure



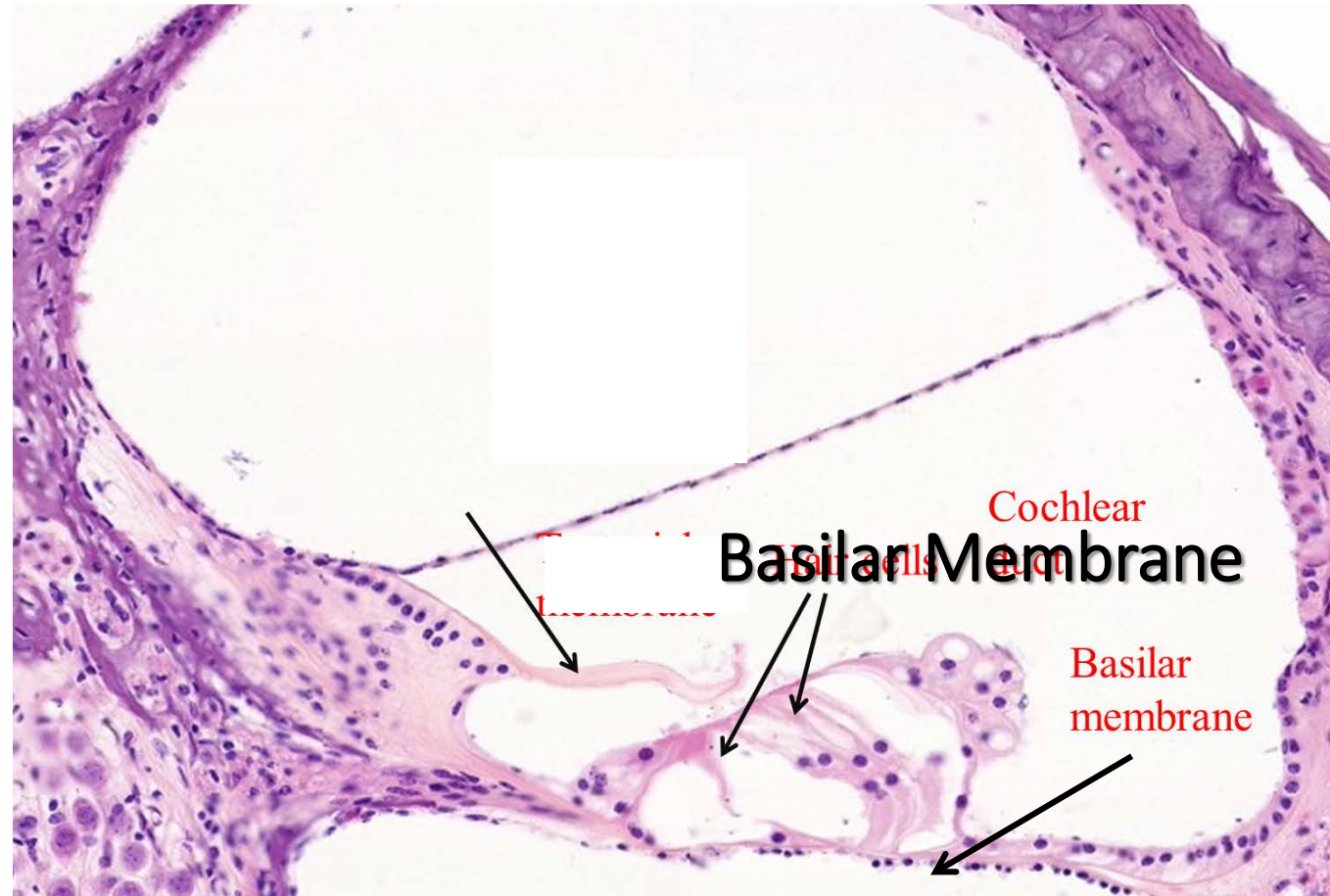
# Identify the Structure



# Identify the Structure



# Identify the Structure

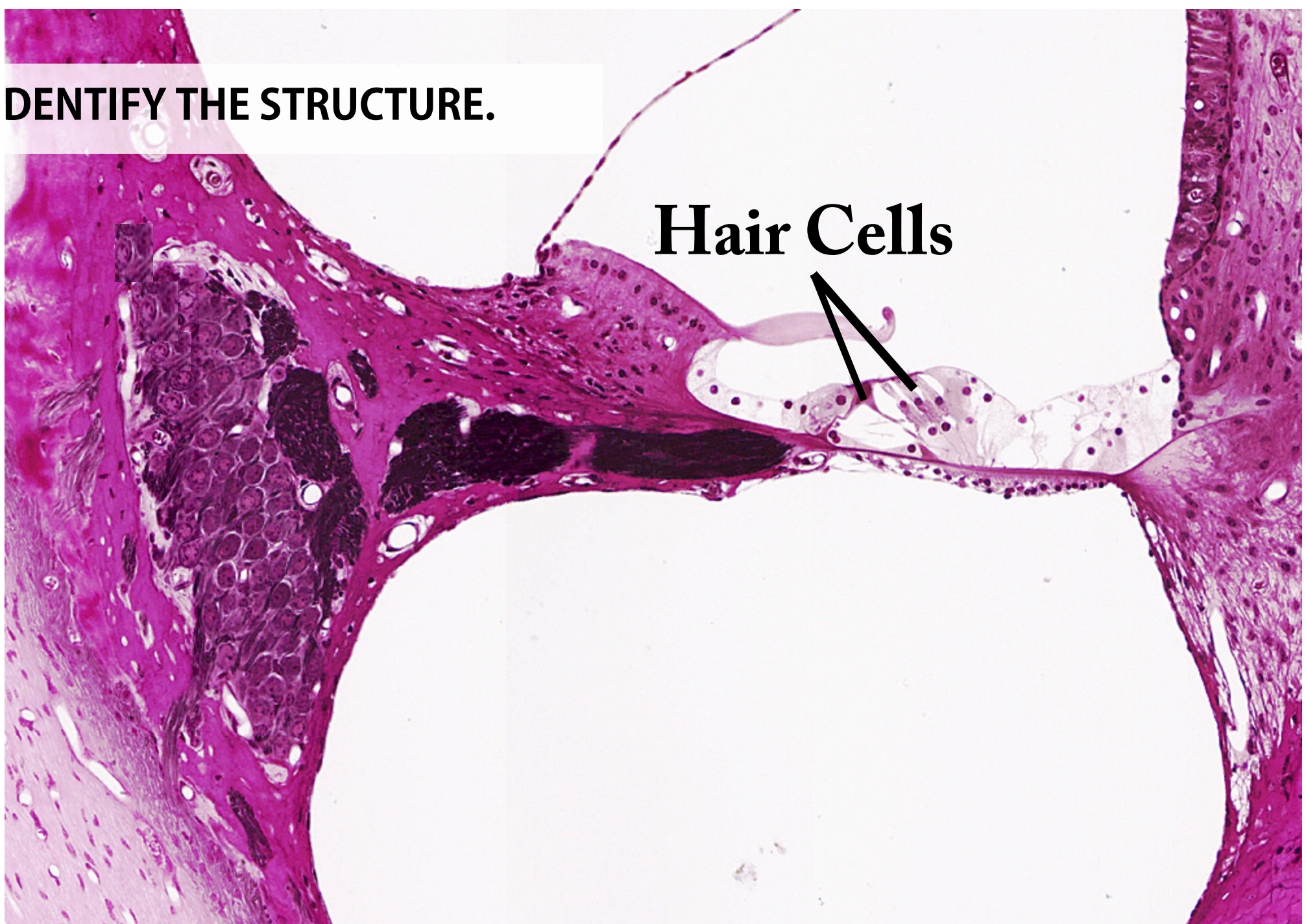


**IDENTIFY THE STRUCTURE.**

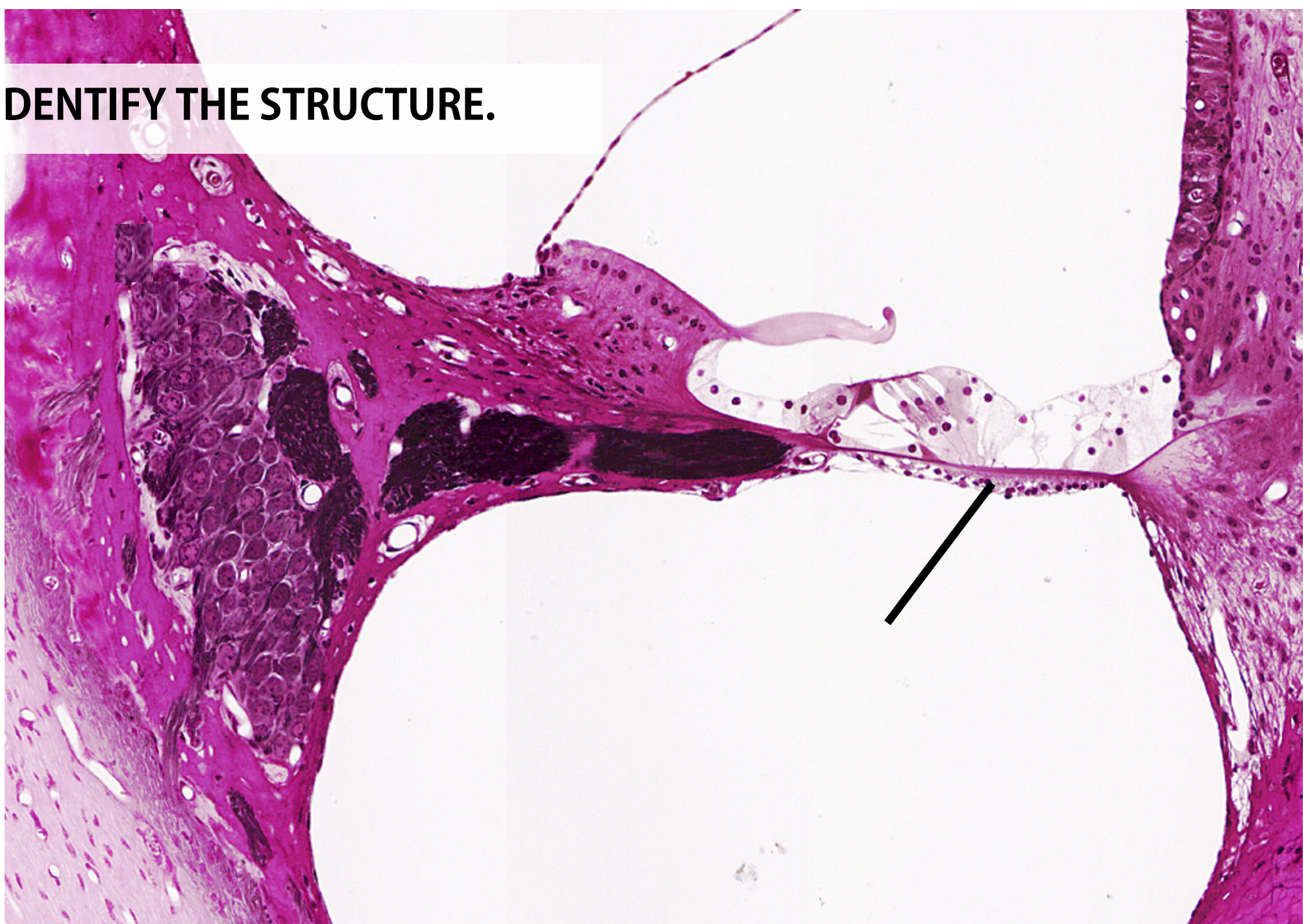


**IDENTIFY THE STRUCTURE.**

**Hair Cells**

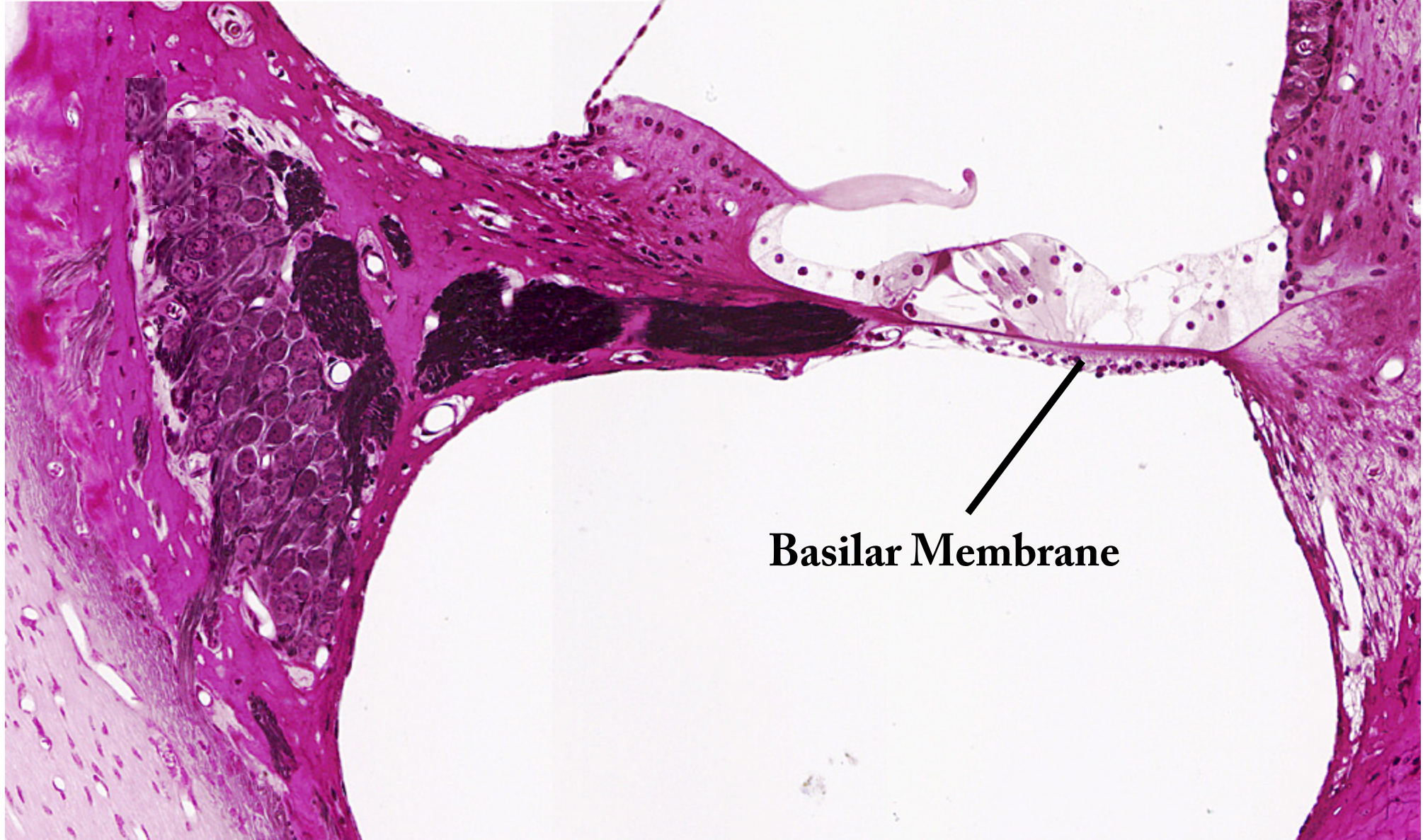


**IDENTIFY THE STRUCTURE.**



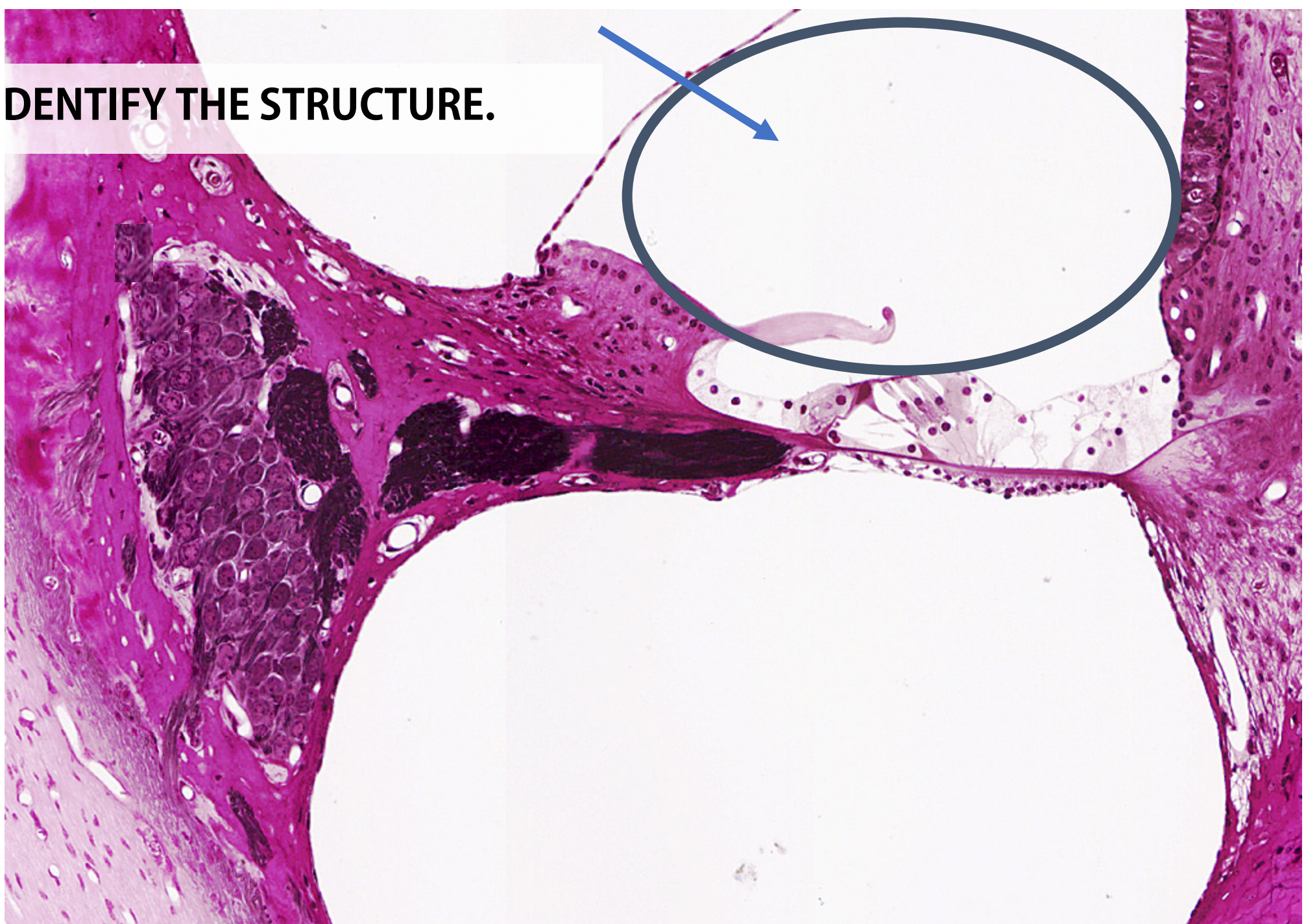


**IDENTIFY THE STRUCTURE.**



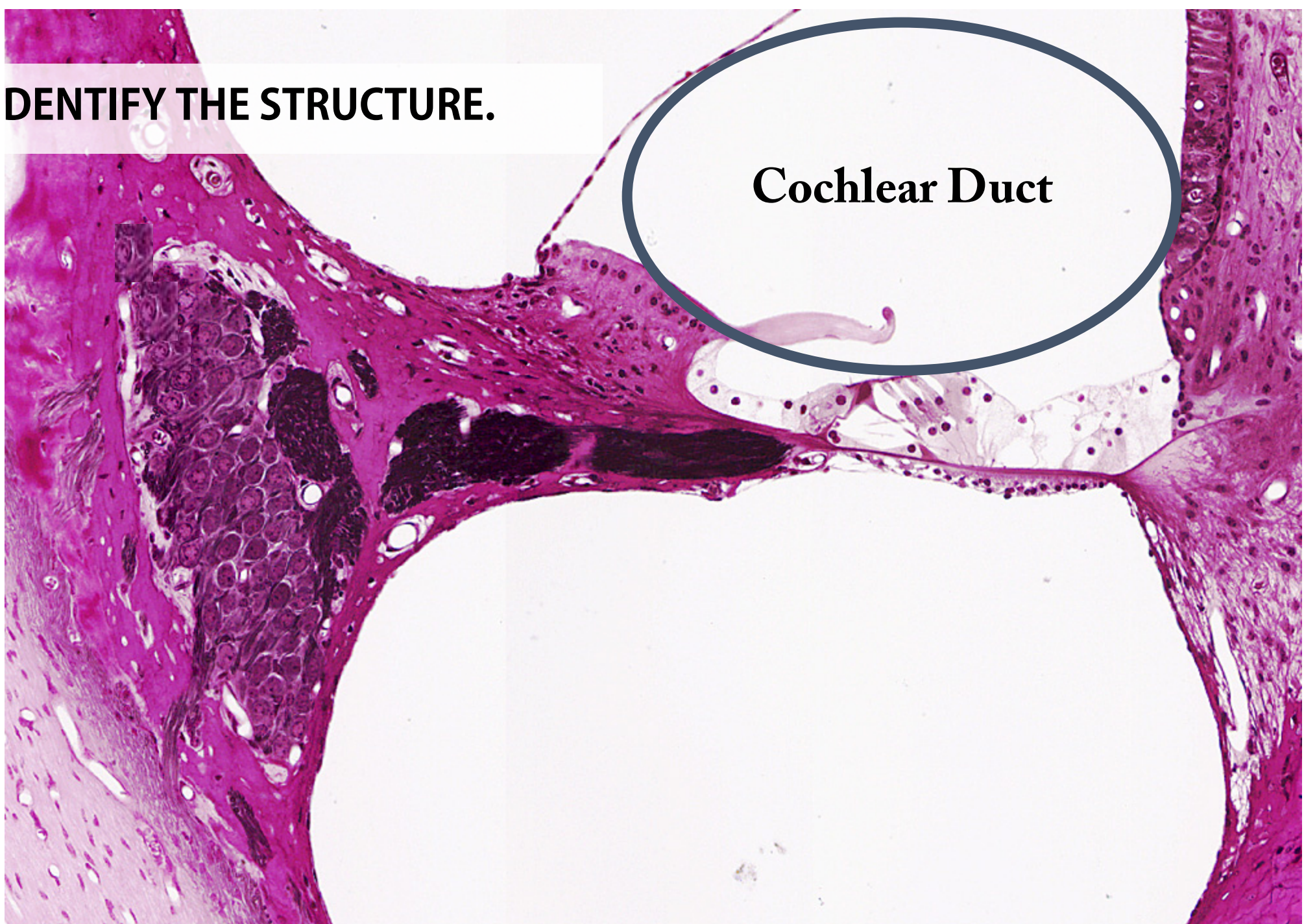
**Basilar Membrane**

**IDENTIFY THE STRUCTURE.**

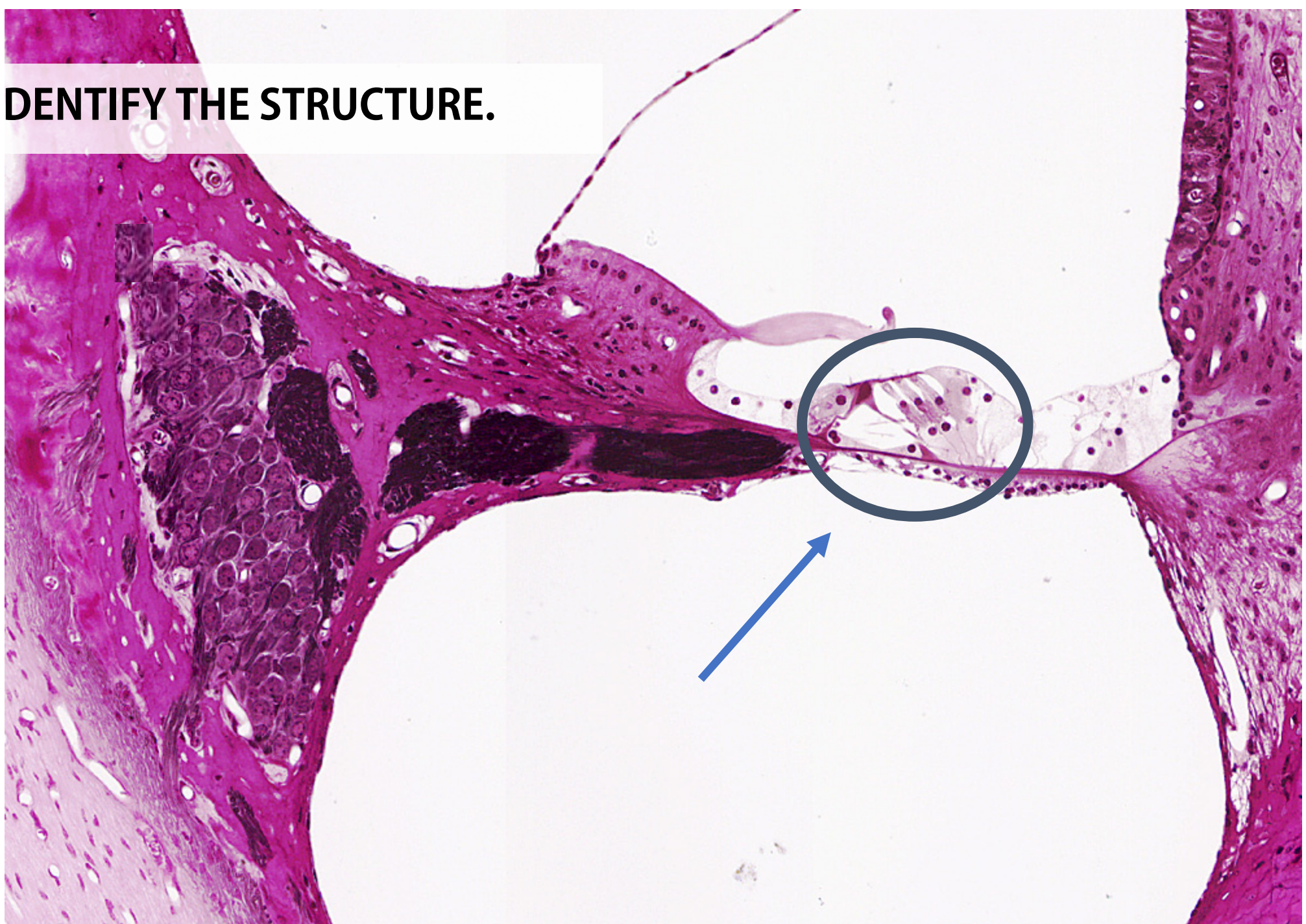


**IDENTIFY THE STRUCTURE.**

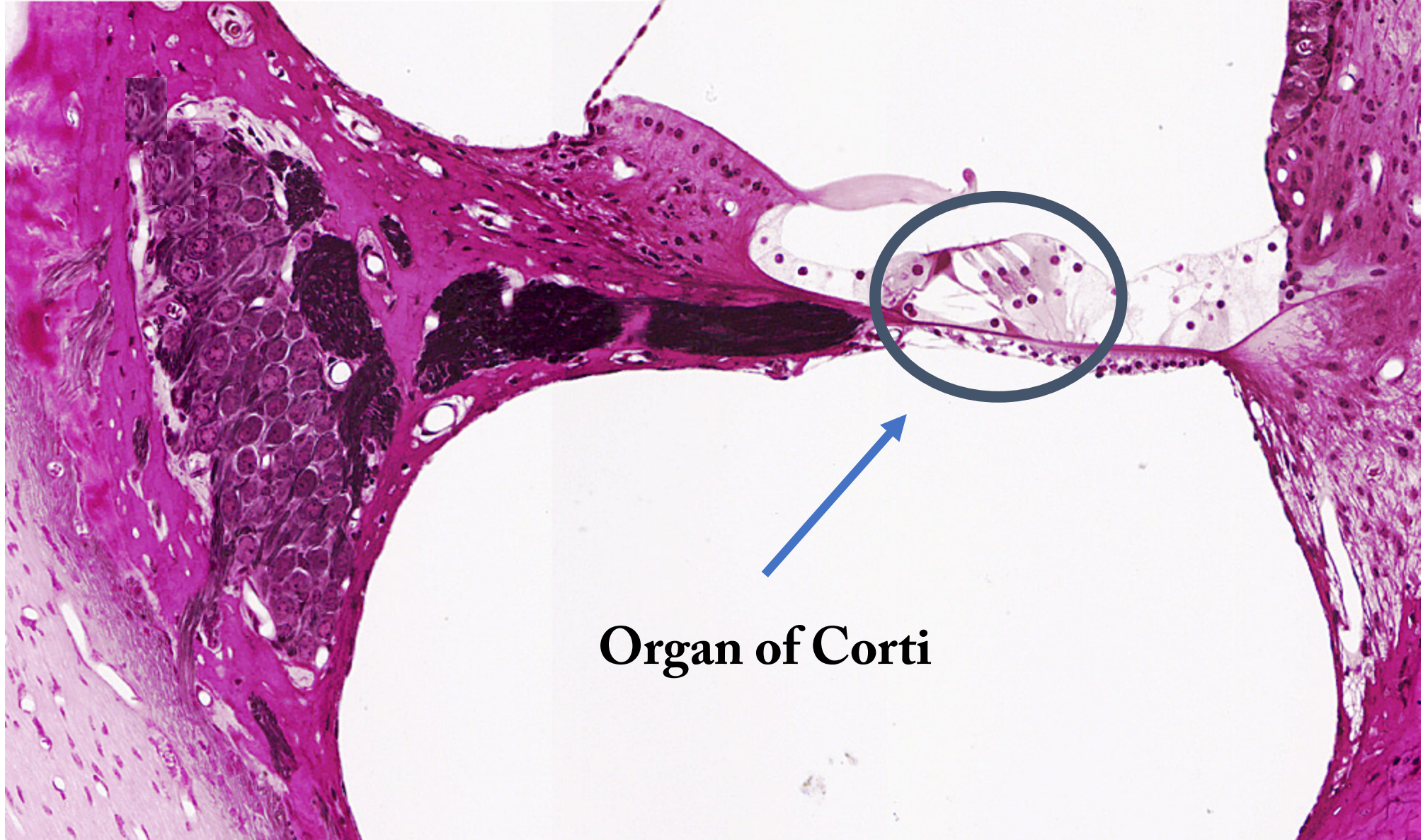
**Cochlear Duct**



**IDENTIFY THE STRUCTURE.**

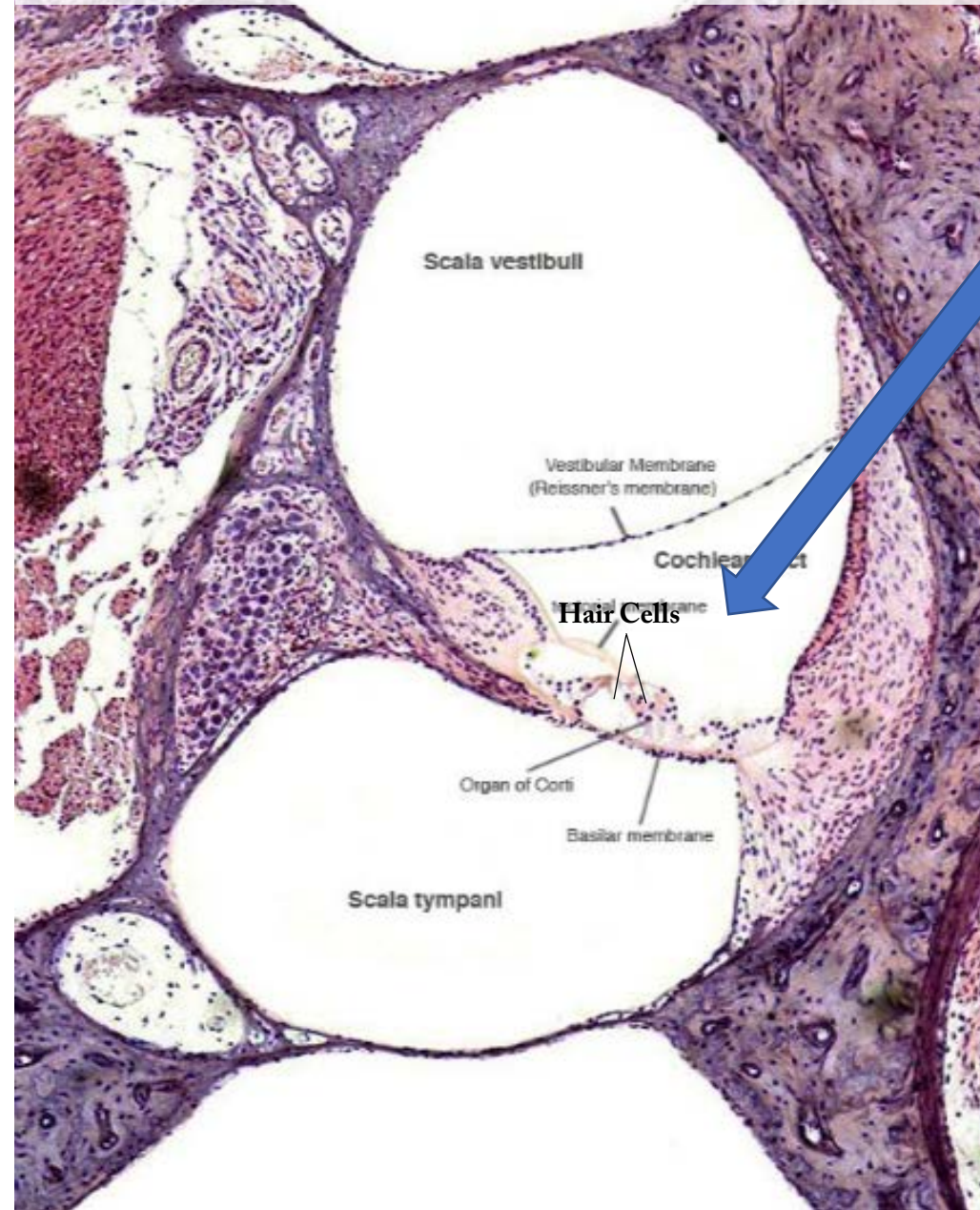


**IDENTIFY THE STRUCTURE.**



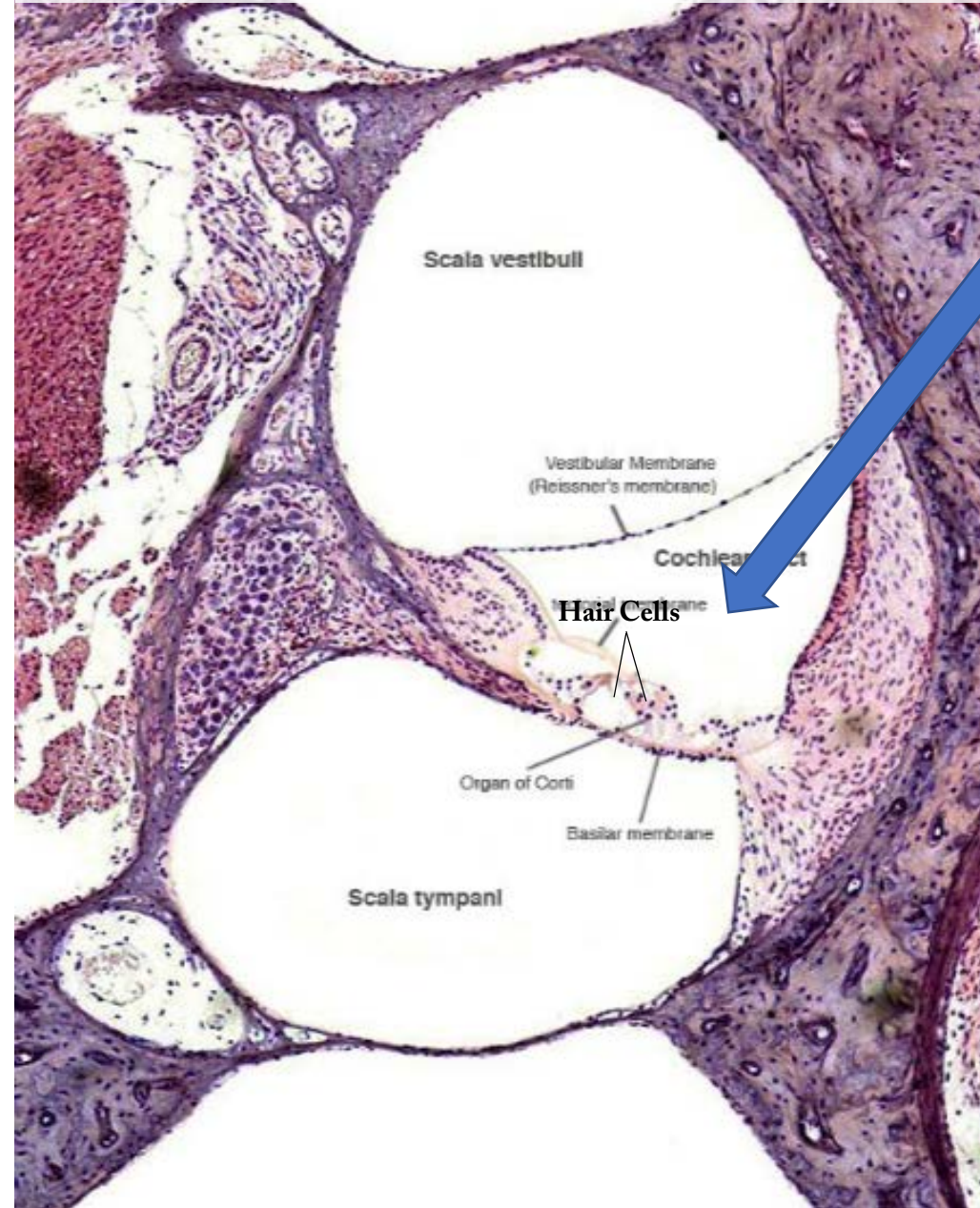
**Organ of Corti**

# IDENTIFY THE STRUCTURE.

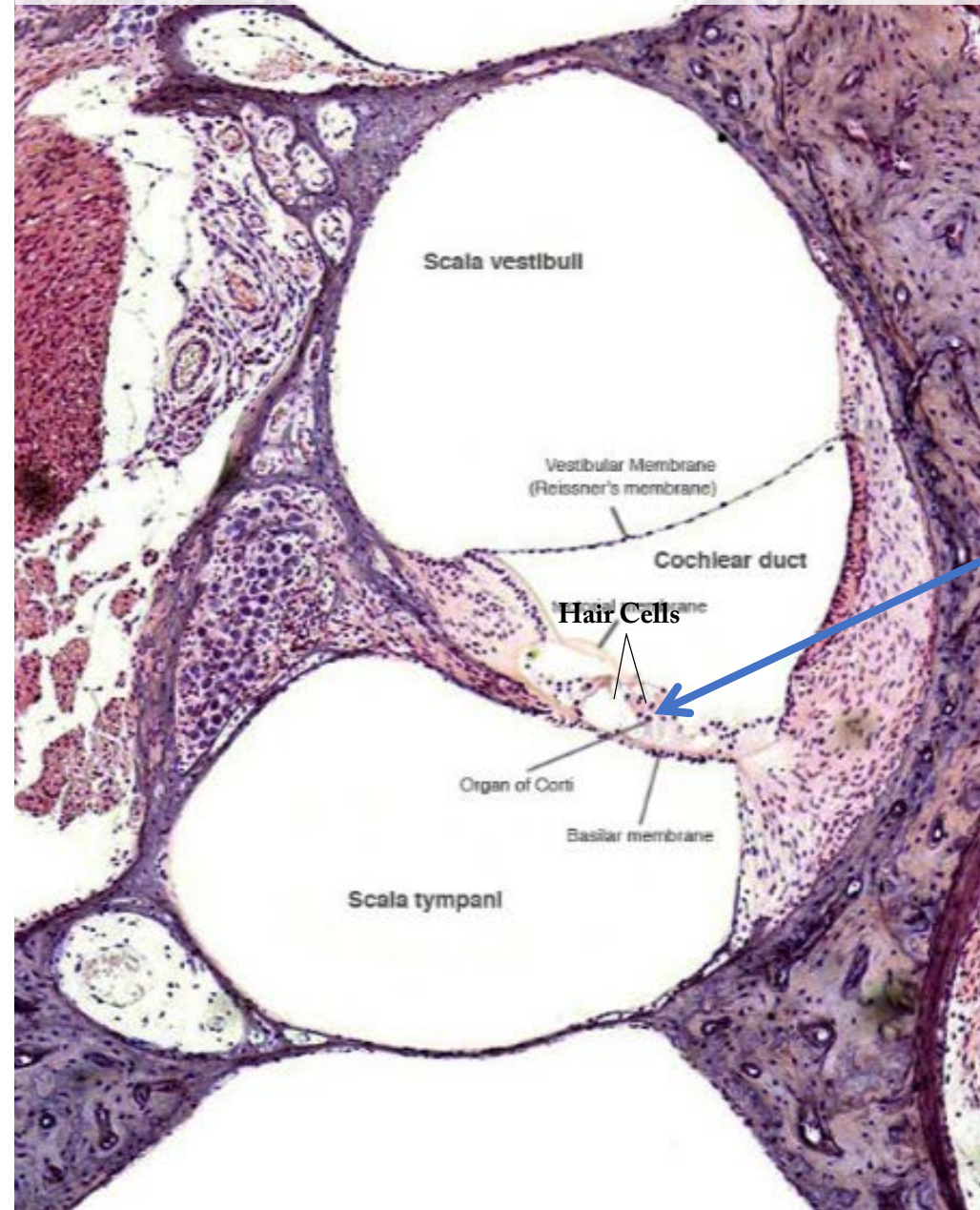


**IDENTIFY THE STRUCTURE.**

**Cochlear Duct  
(aka Scala Media)**

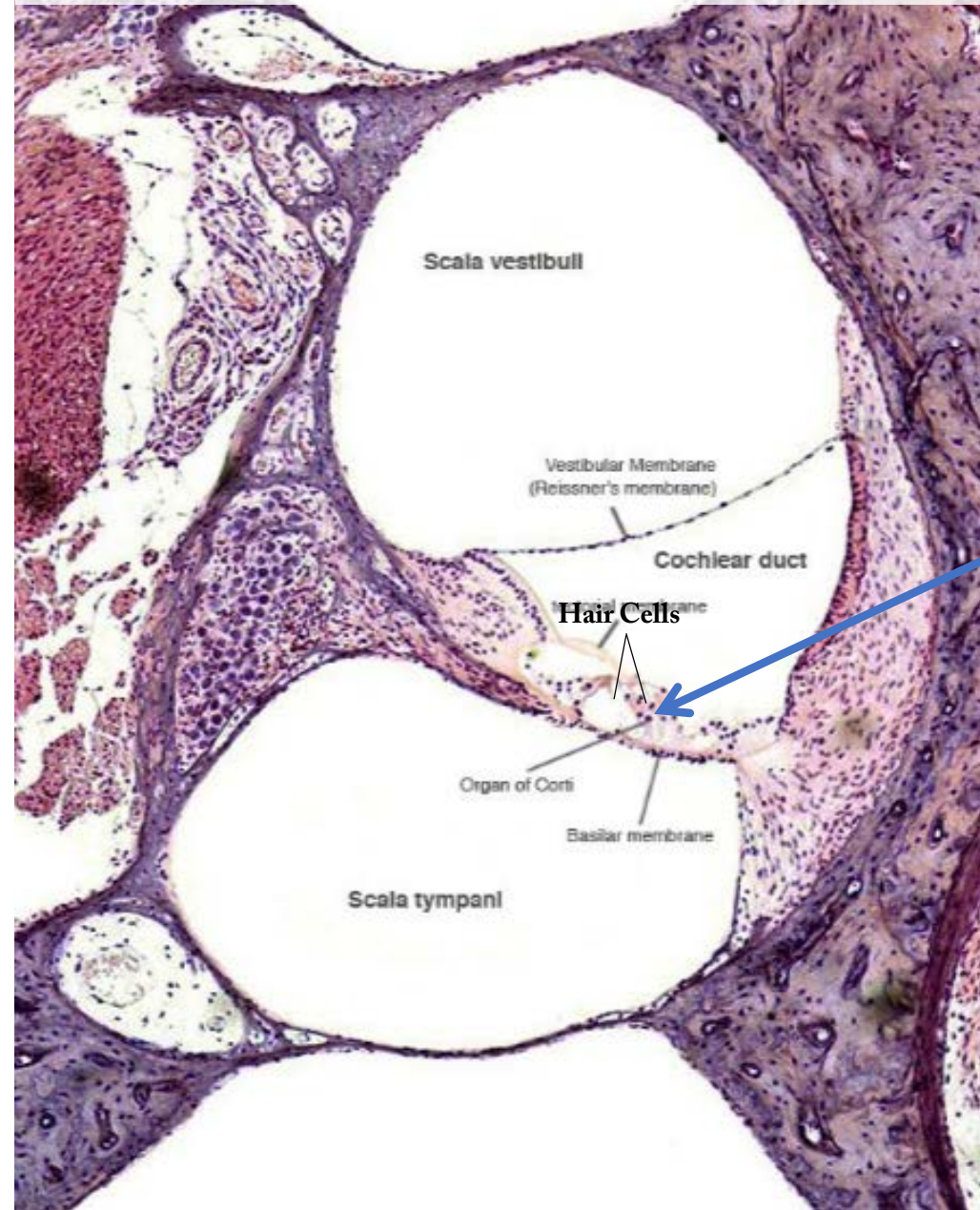


# IDENTIFY THE STRUCTURE.





**IDENTIFY THE STRUCTURE.**



**Hair Cells**

Hair Cells

Organ of Corti

Basilar membrane

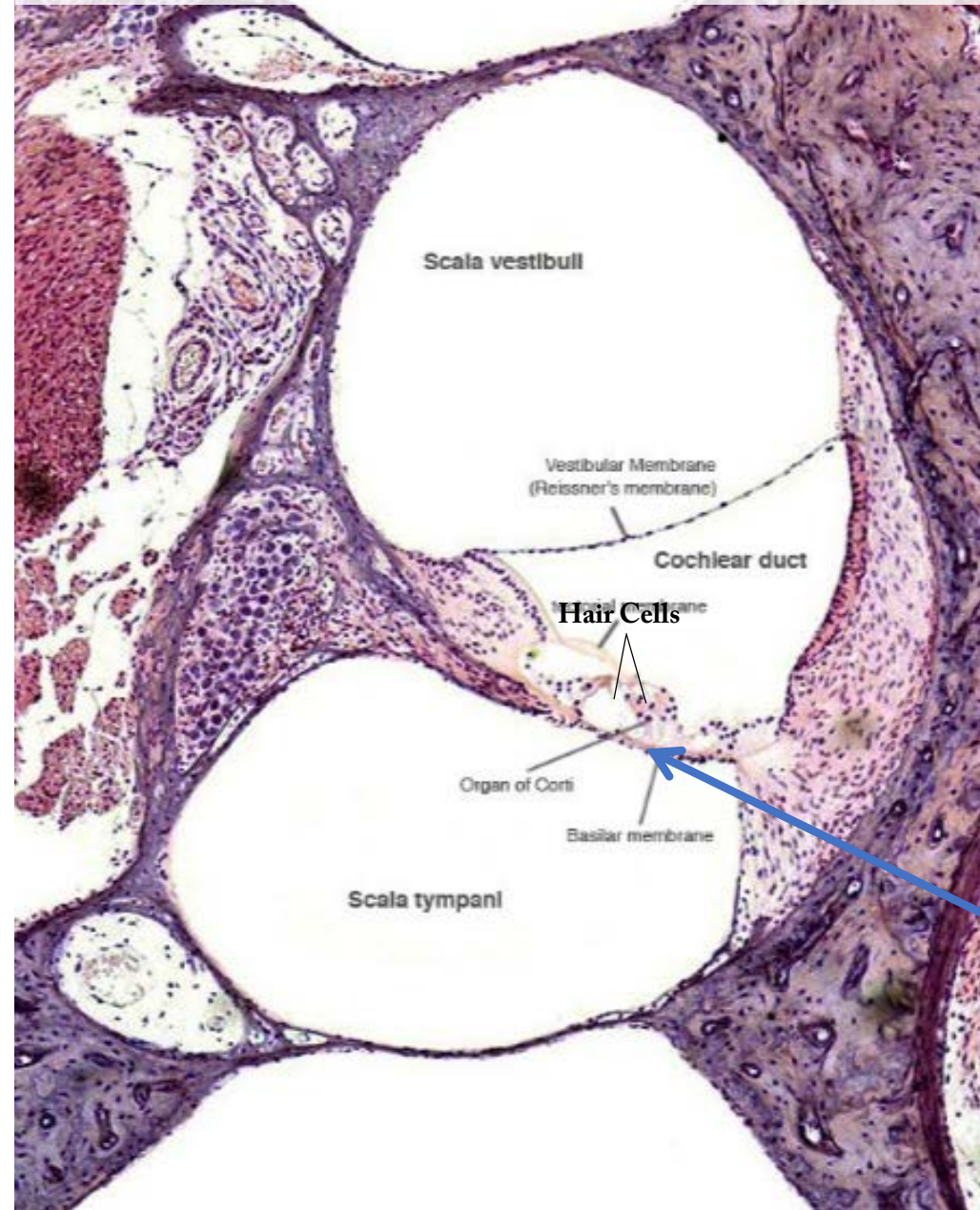
Scala tympani

Scala vestibuli

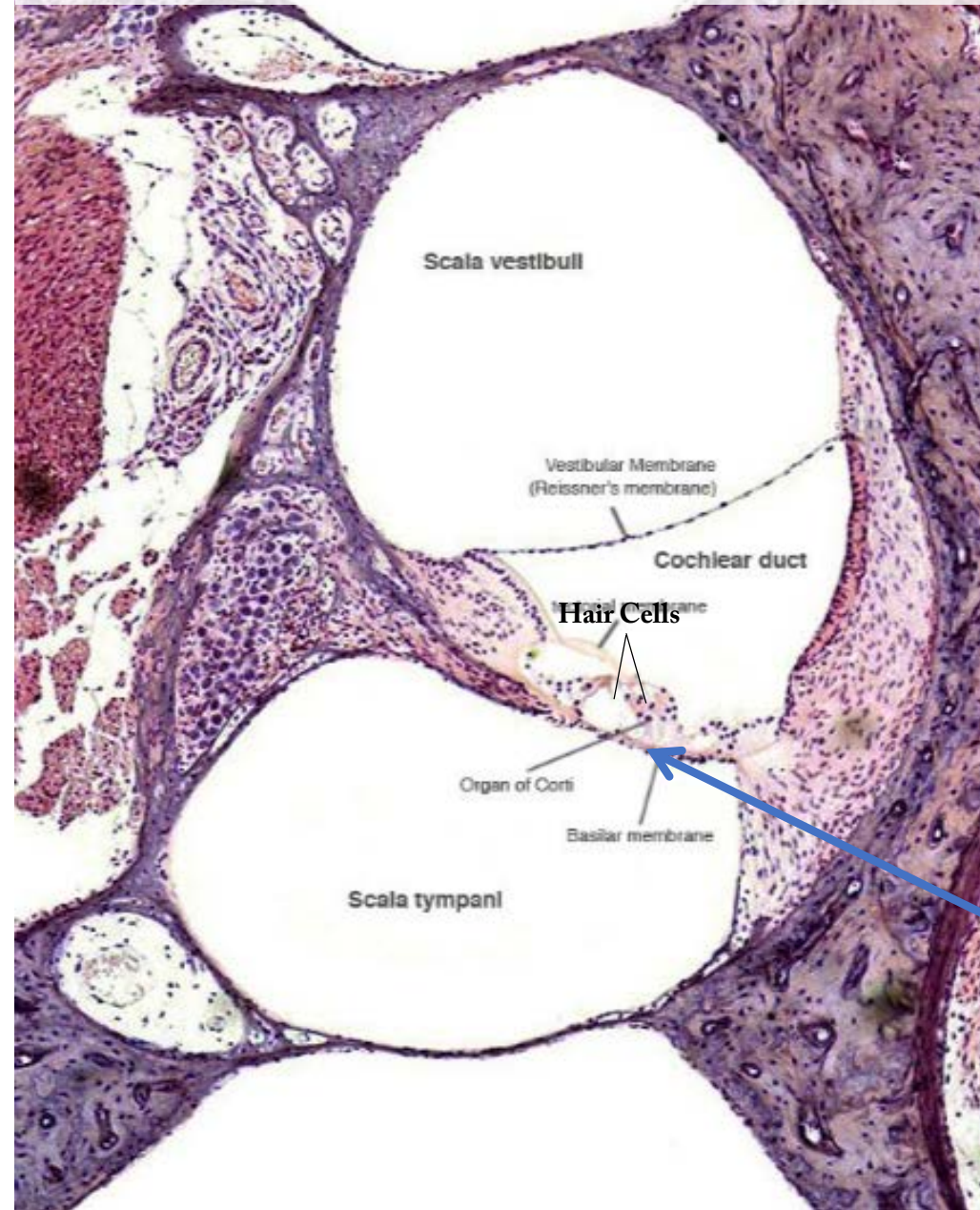
Vestibular Membrane  
(Reissner's membrane)

Cochlear duct

# IDENTIFY THE STRUCTURE.

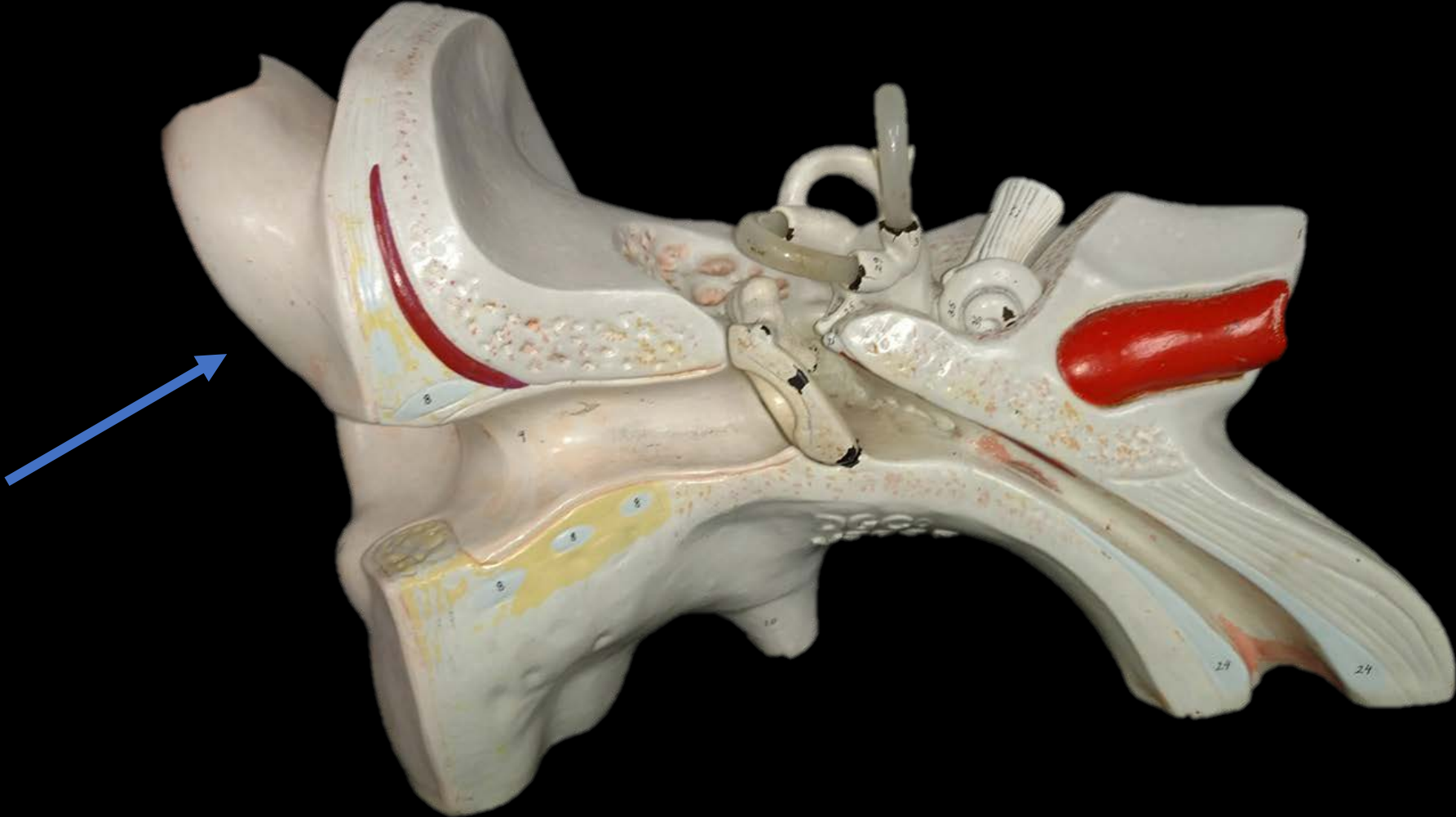


# IDENTIFY THE STRUCTURE.

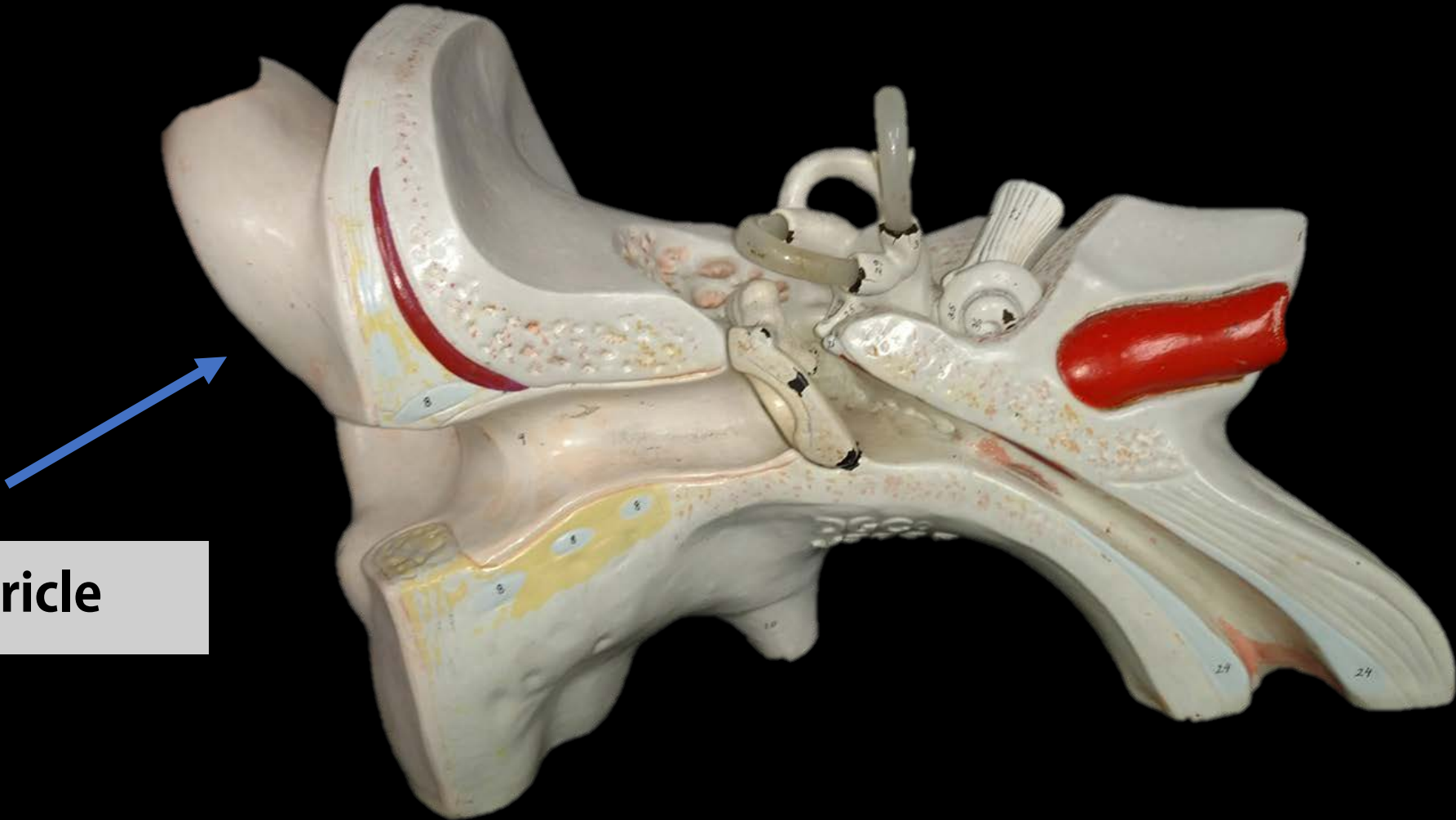


**Basilar  
Membrane**

Identify the Structure (outer portion of the ear).

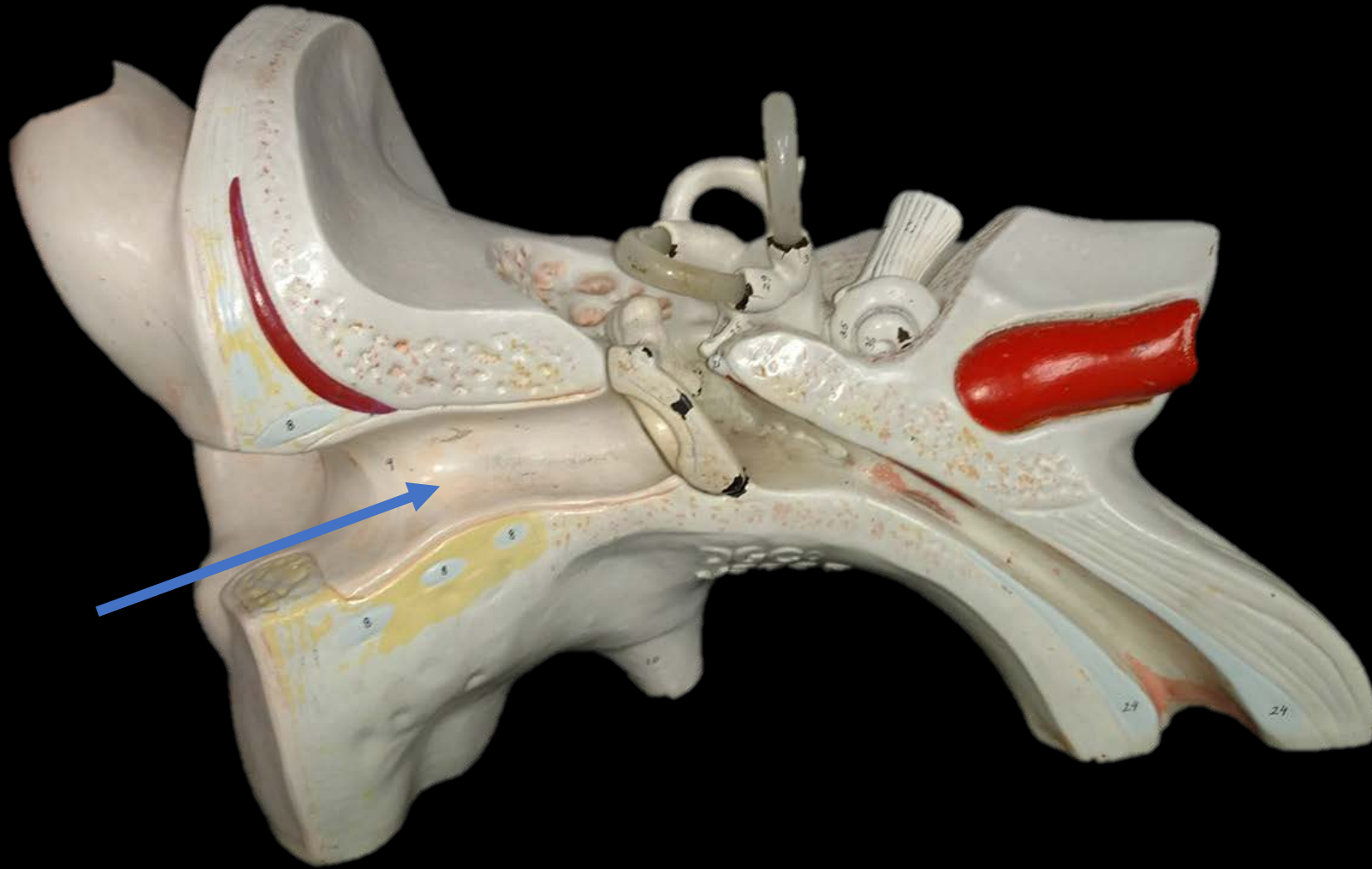


Identify the Structure (outer portion of the ear).

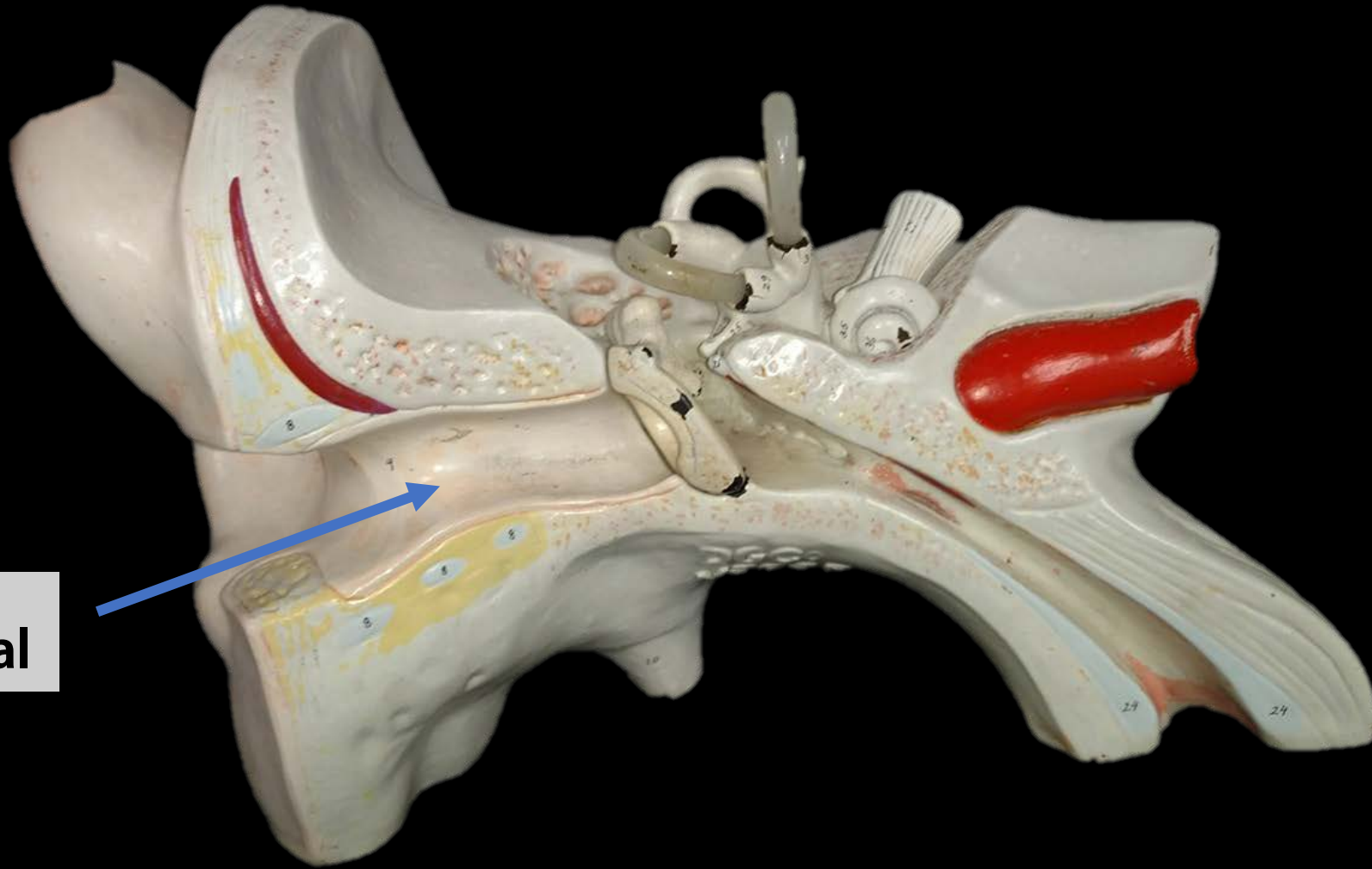


**Auricle**

Identify the Structure.



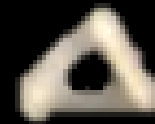
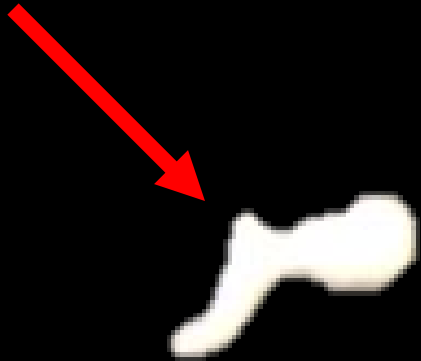
Identify the Structure.



**External  
Auditory Canal**



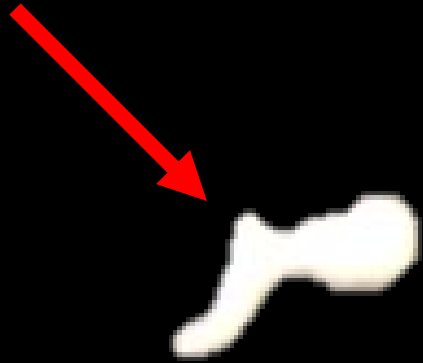
Identify the Bone.



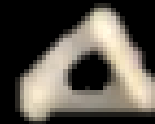




Identify the Bone.

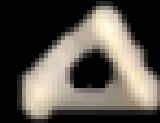


Malleus



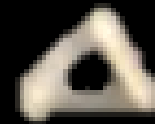
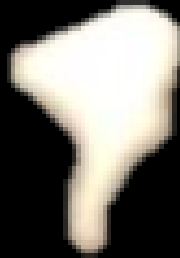


Identify the Bone.





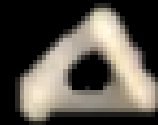
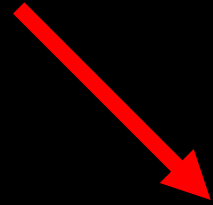
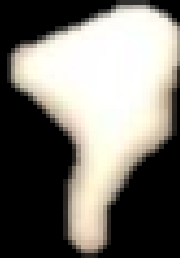
Identify the Bone.



Incus

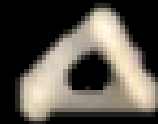
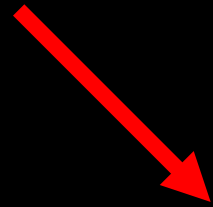


Identify the Bone.



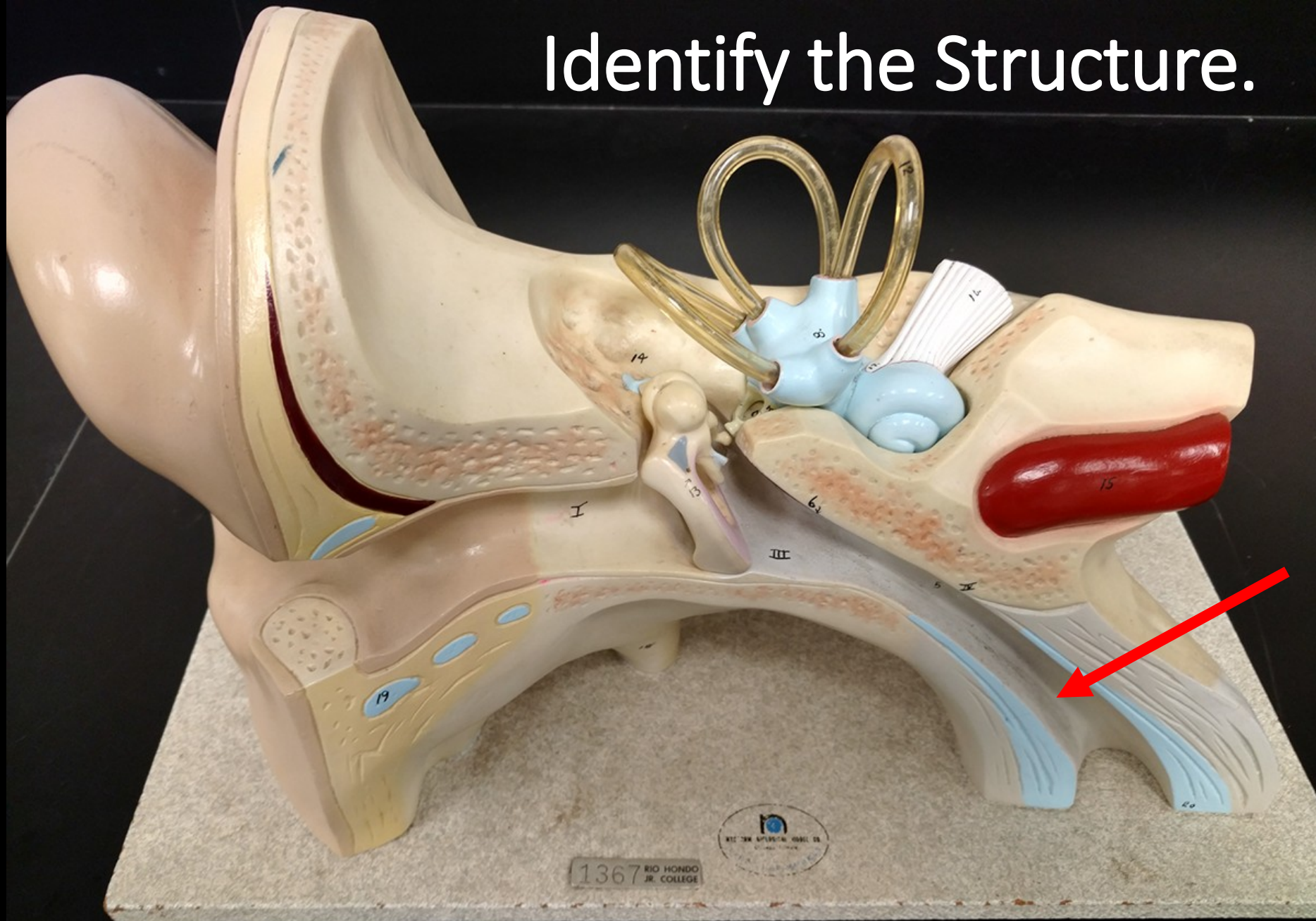


Identify the Bone.

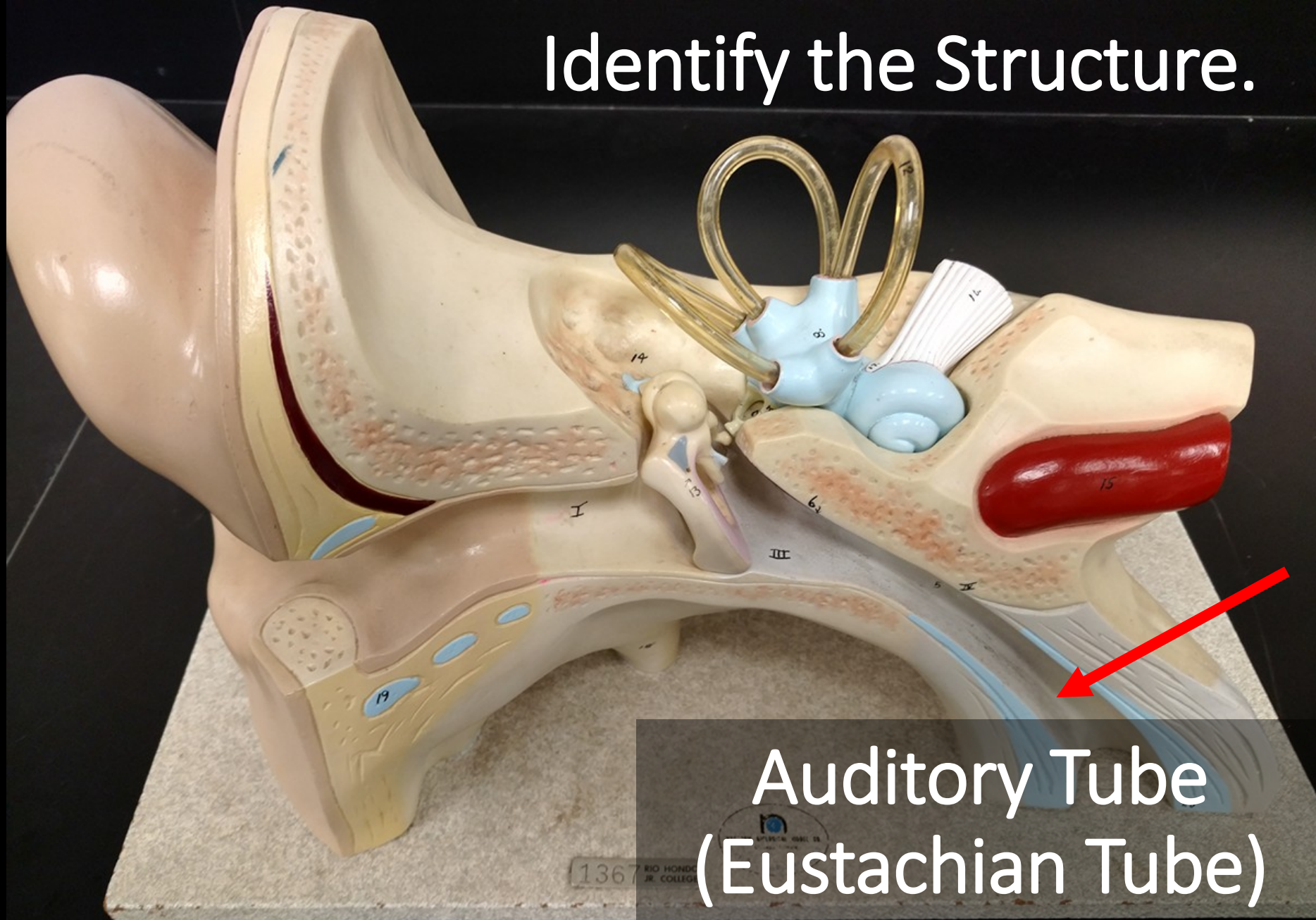


Stapes

Identify the Structure.



Identify the Structure.

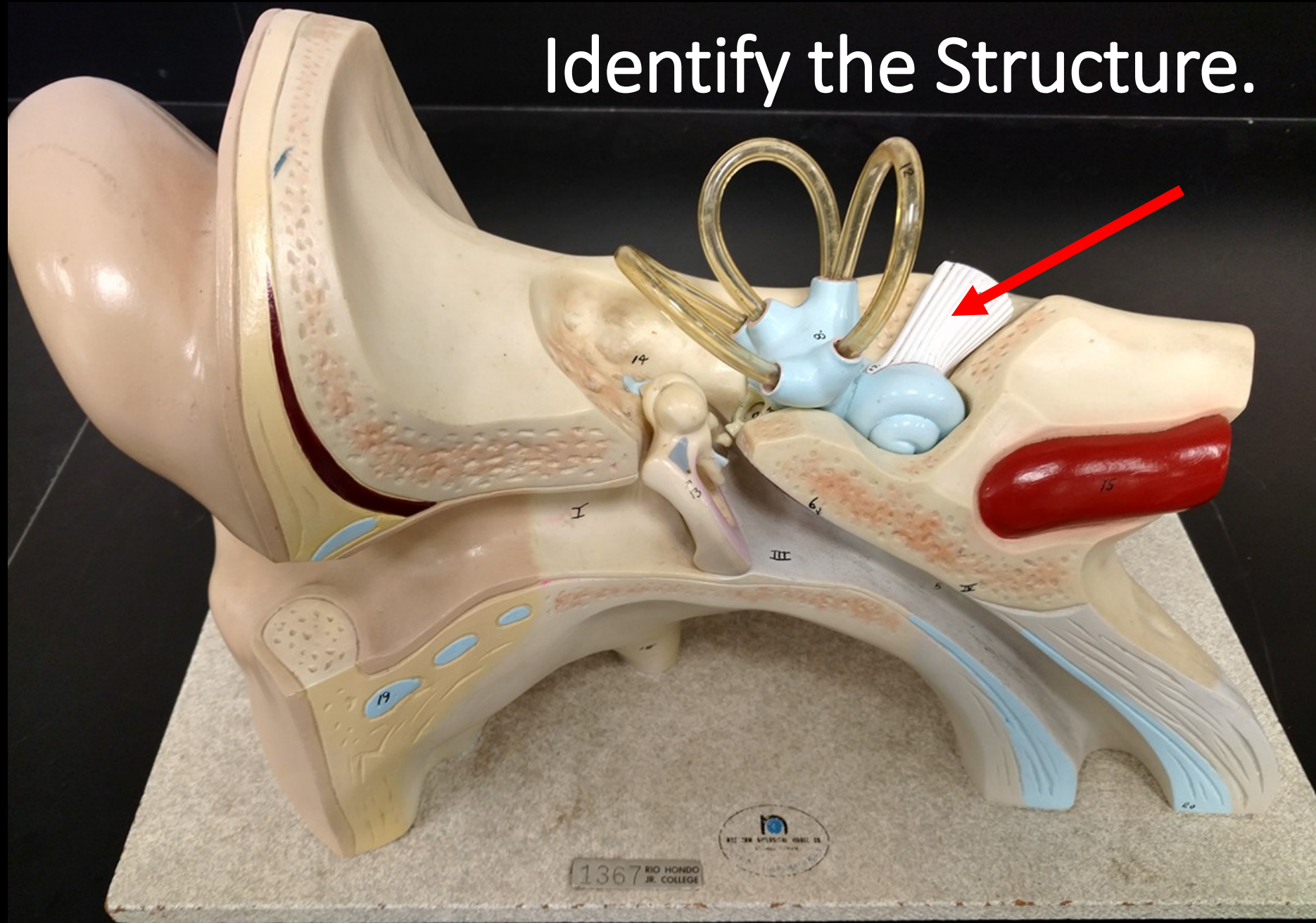


Auditory Tube  
(Eustachian Tube)

1367

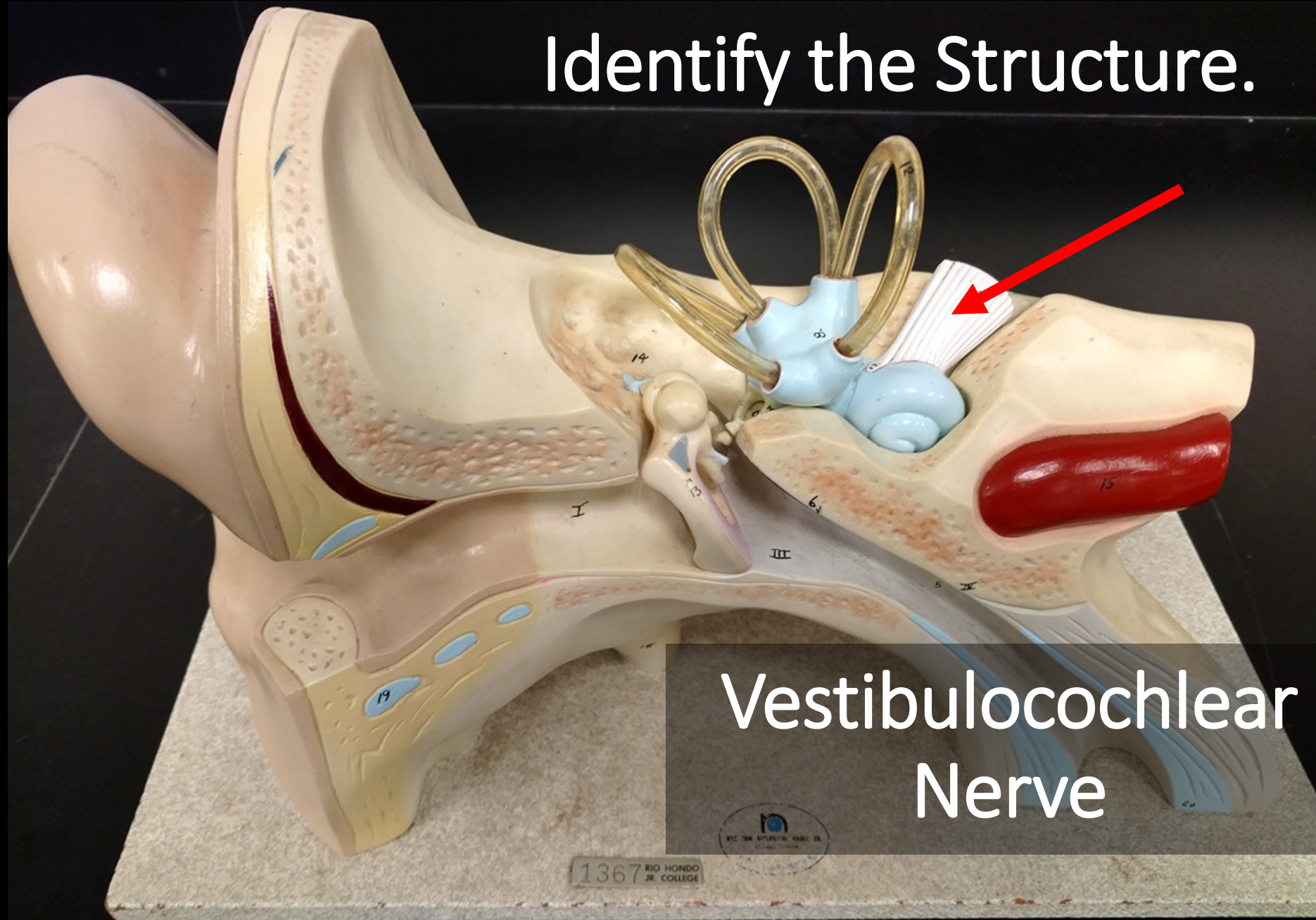
RIO HONDU  
JR. COLLEGE

Identify the Structure.



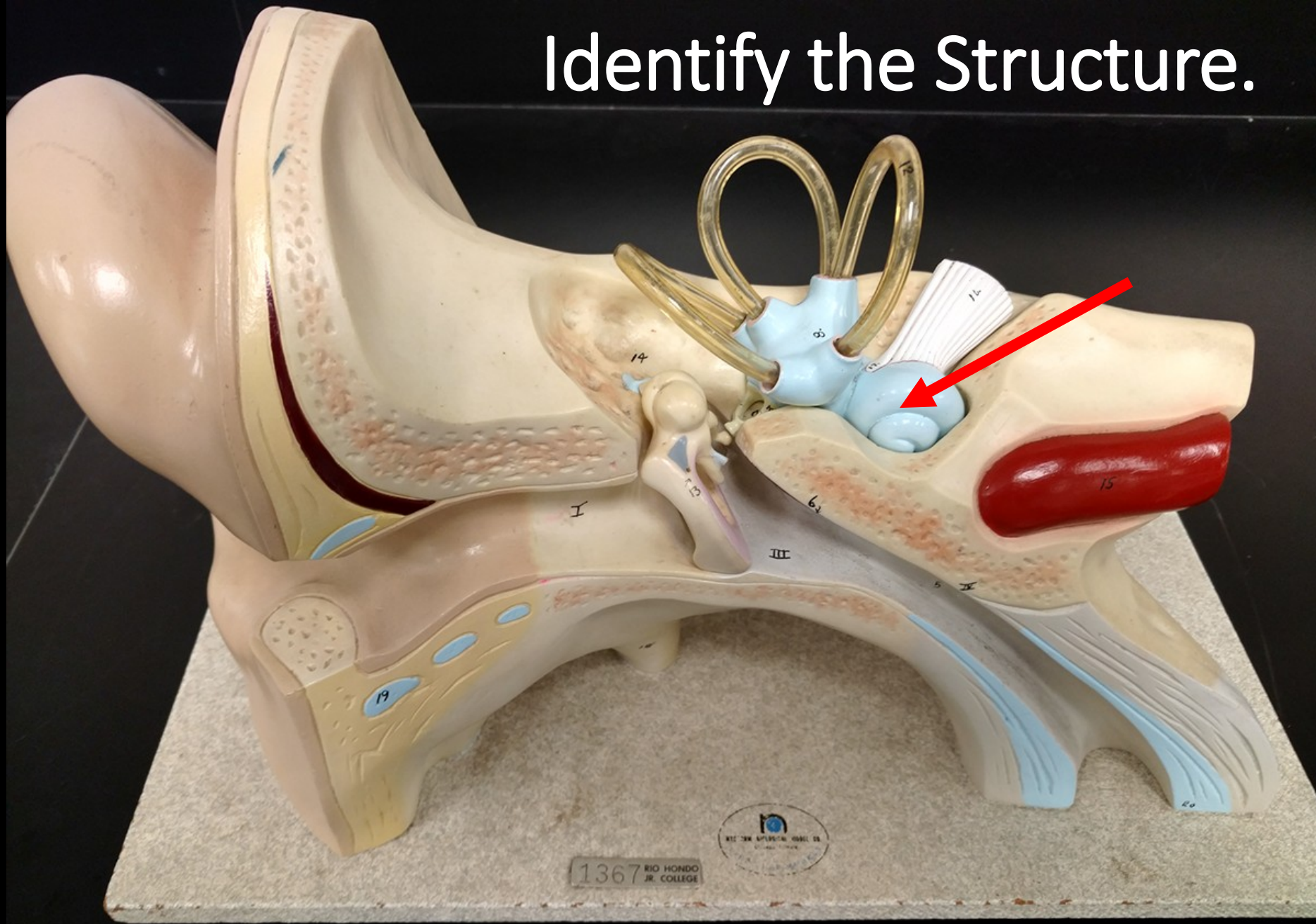


Identify the Structure.

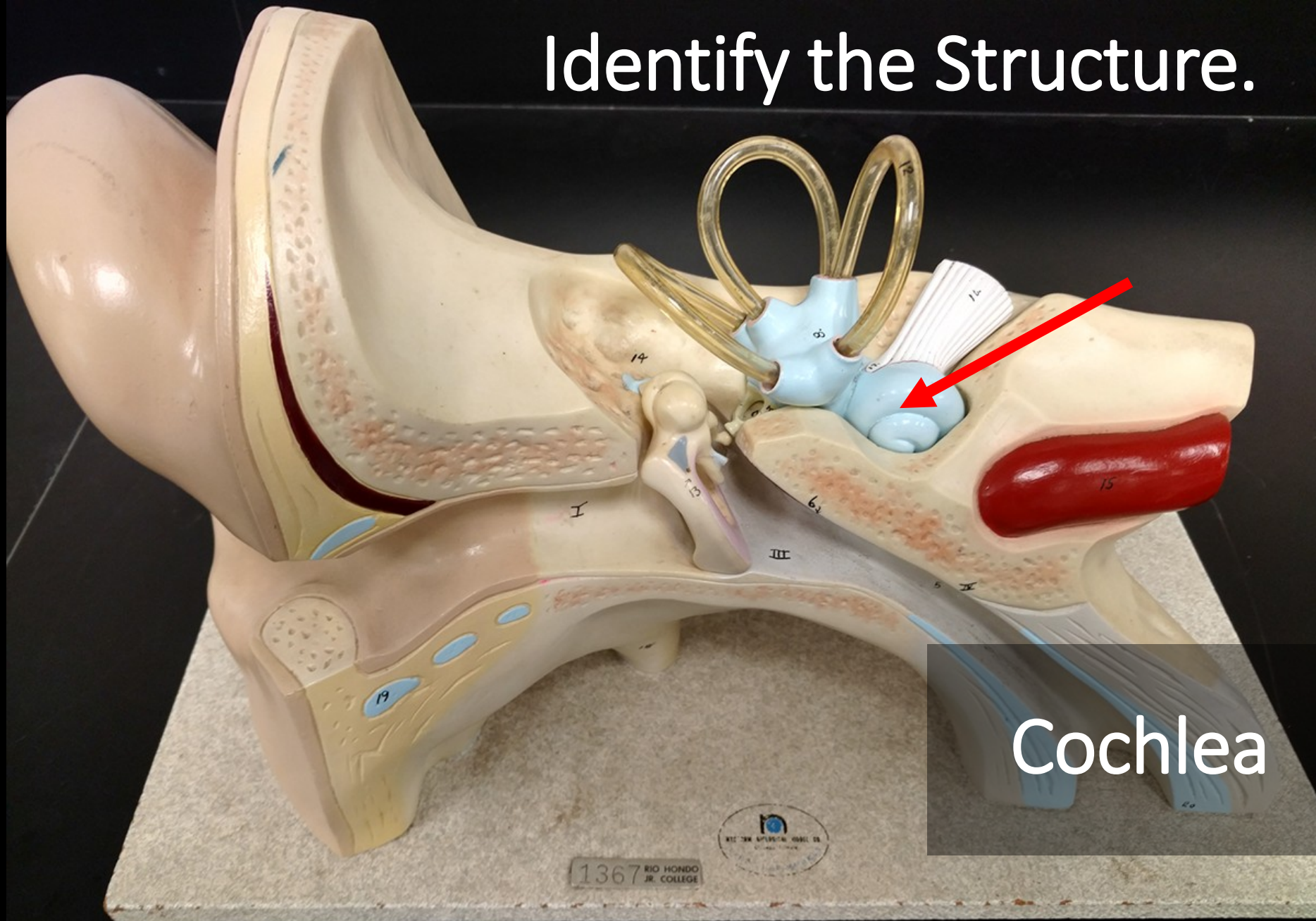


Vestibulocochlear  
Nerve

Identify the Structure.

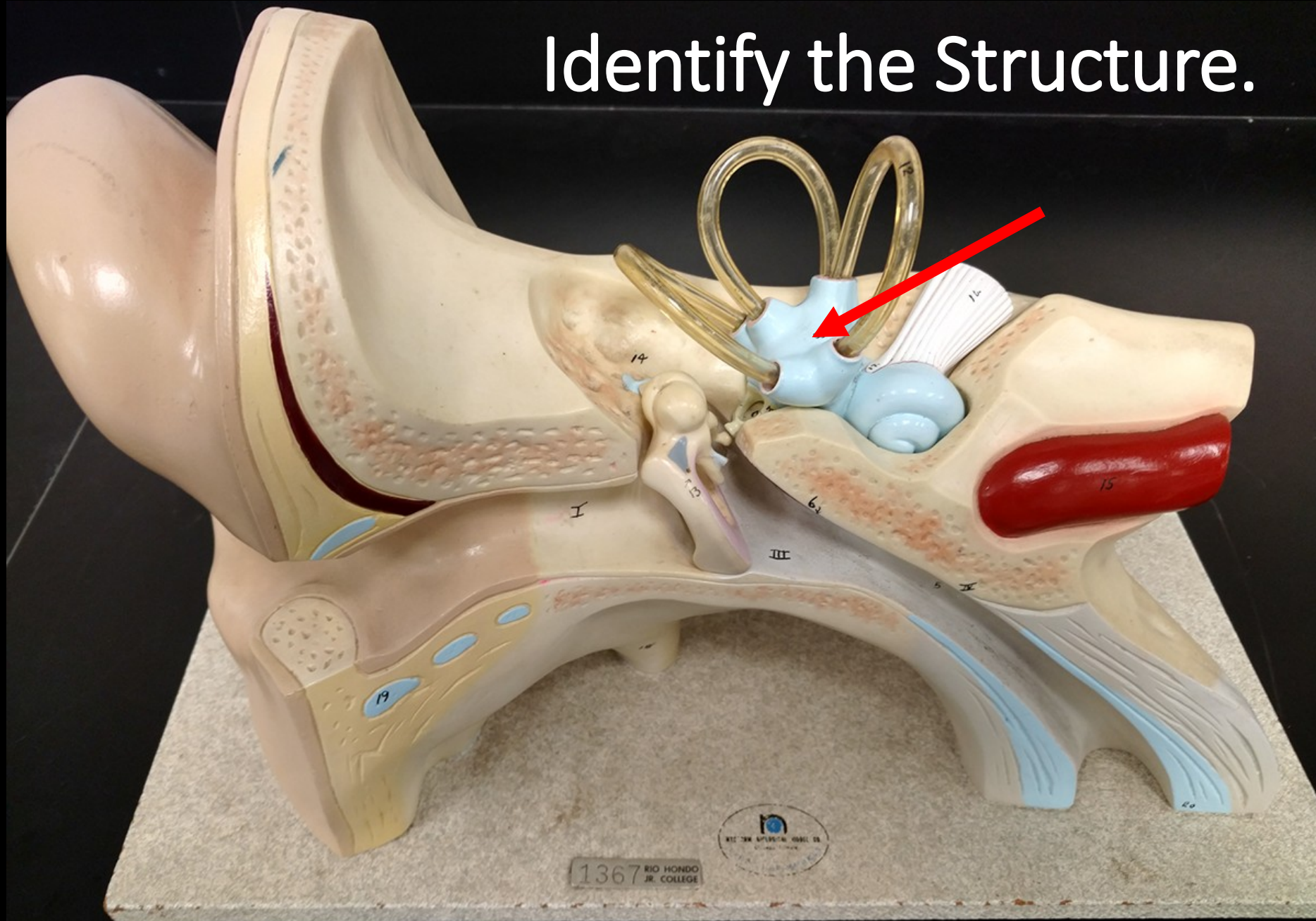


Identify the Structure.

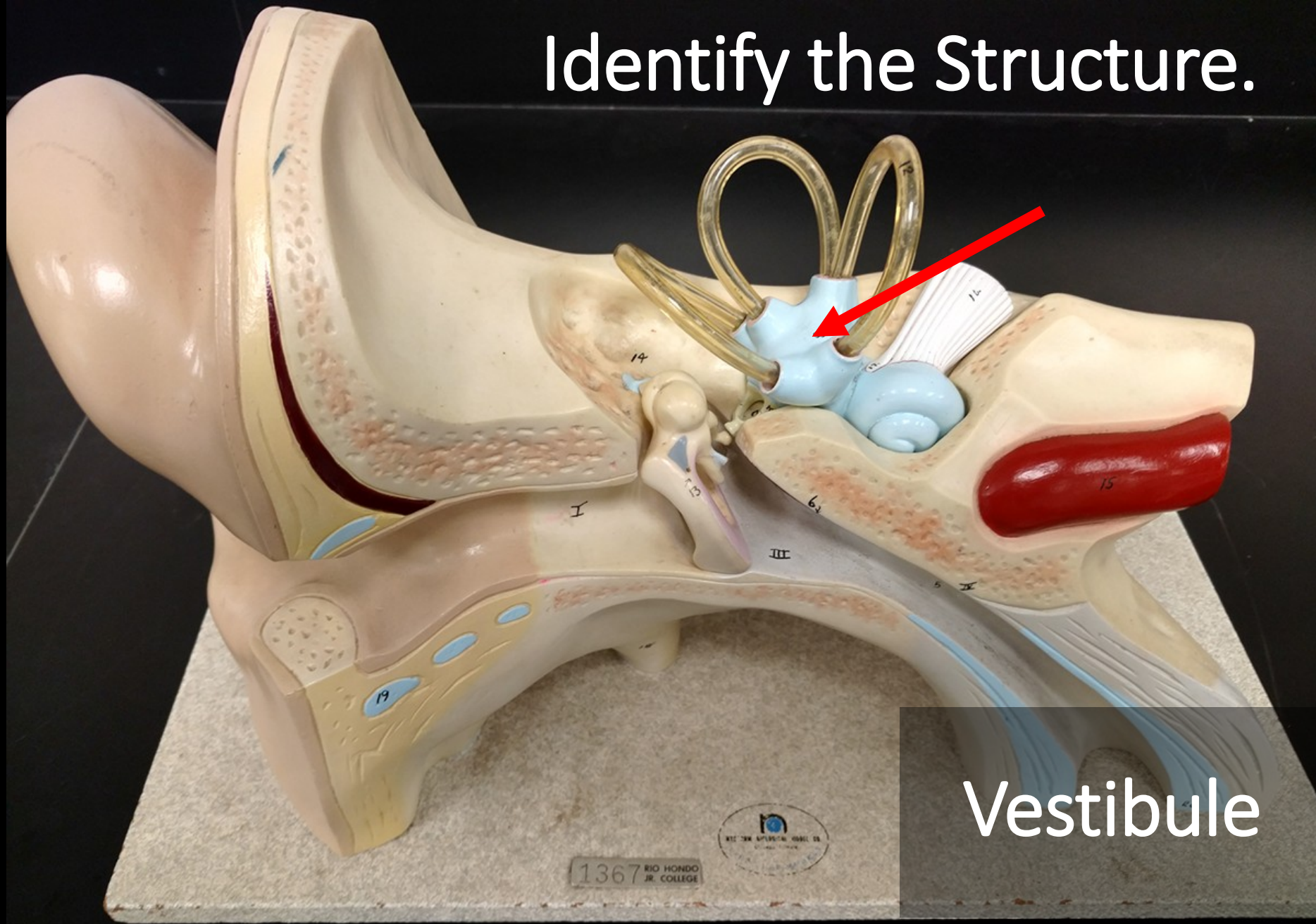


Cochlea

Identify the Structure.

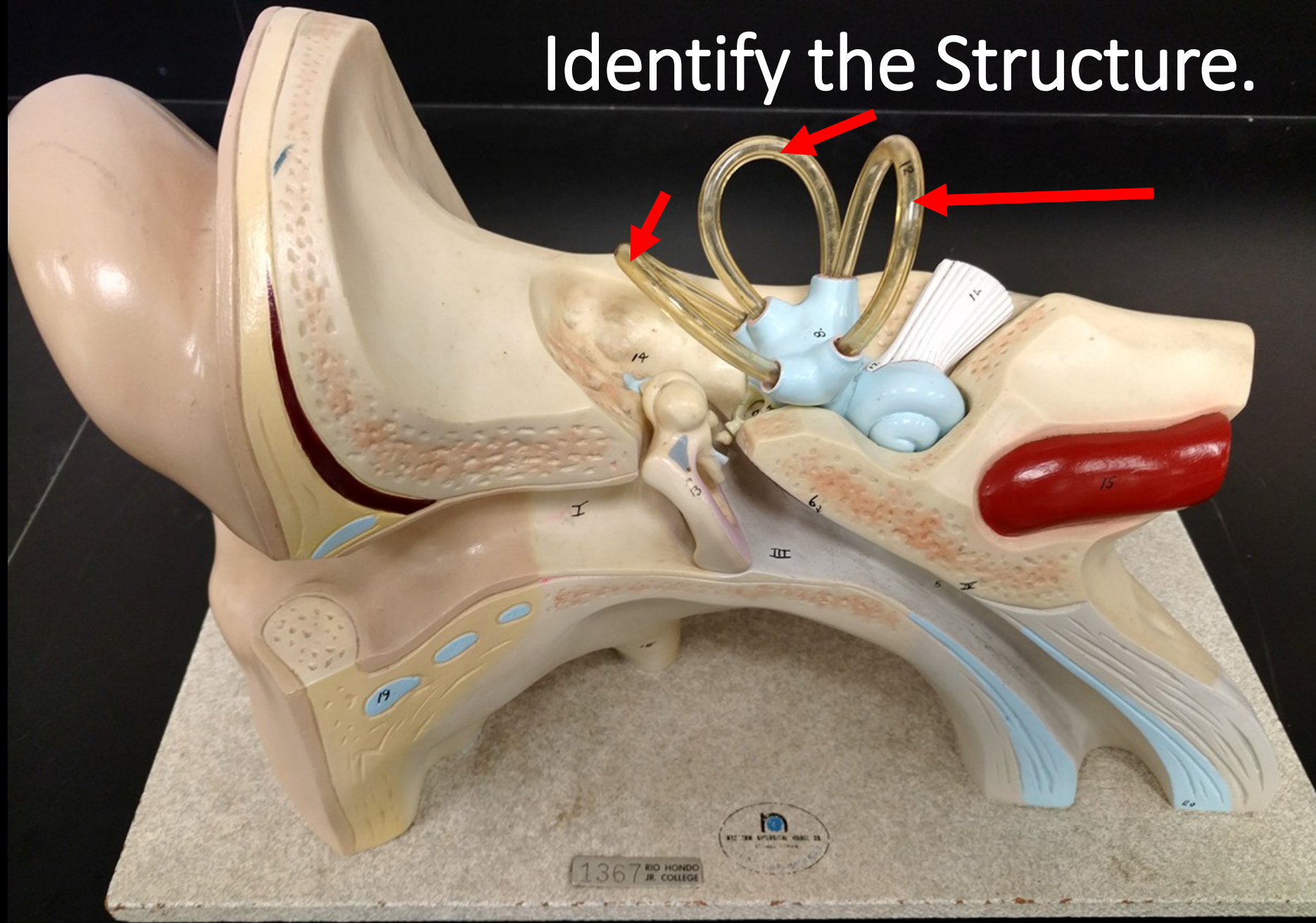


Identify the Structure.

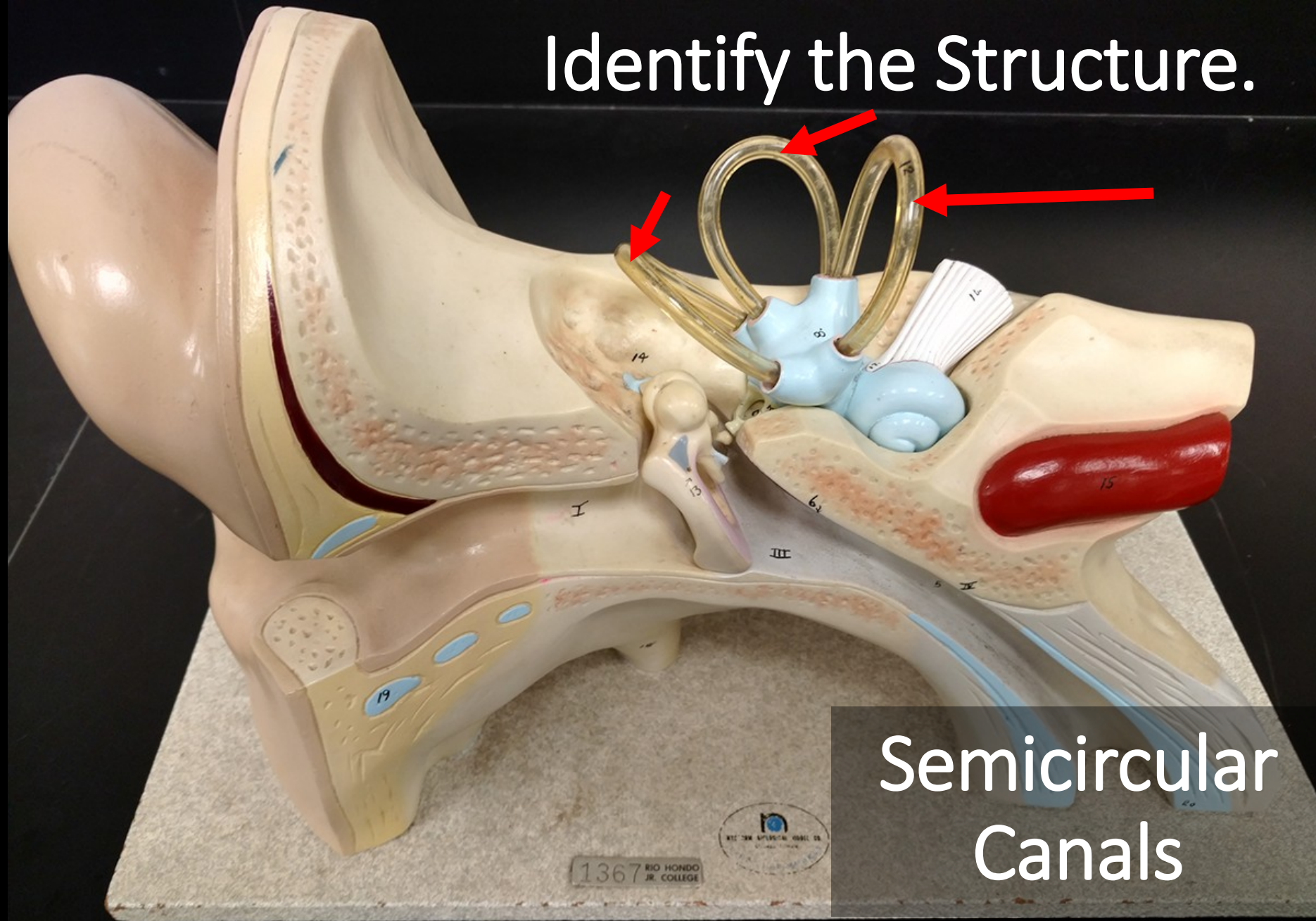


Vestibule

Identify the Structure.

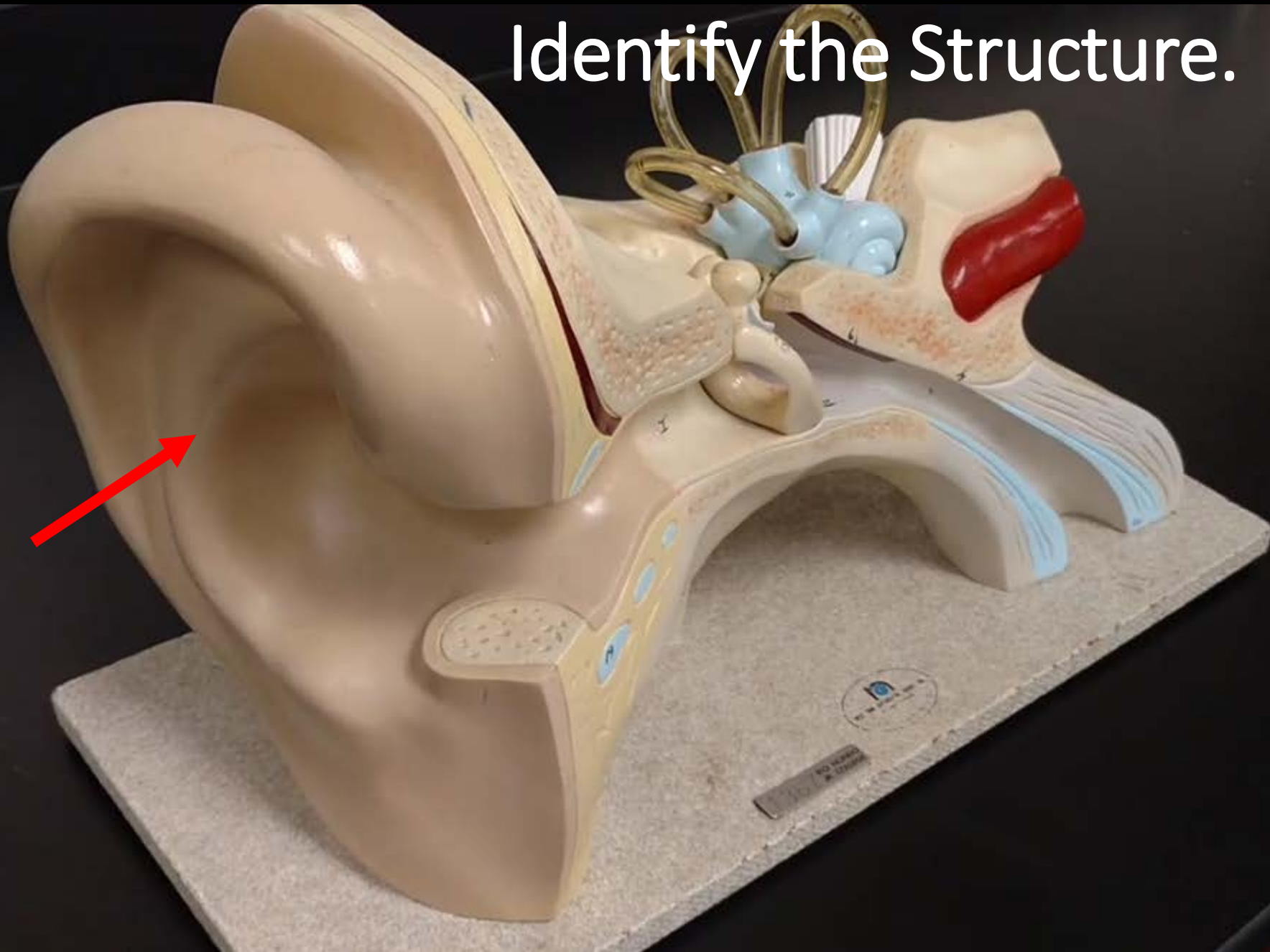


Identify the Structure.



Semicircular  
Canals

Identify the Structure.

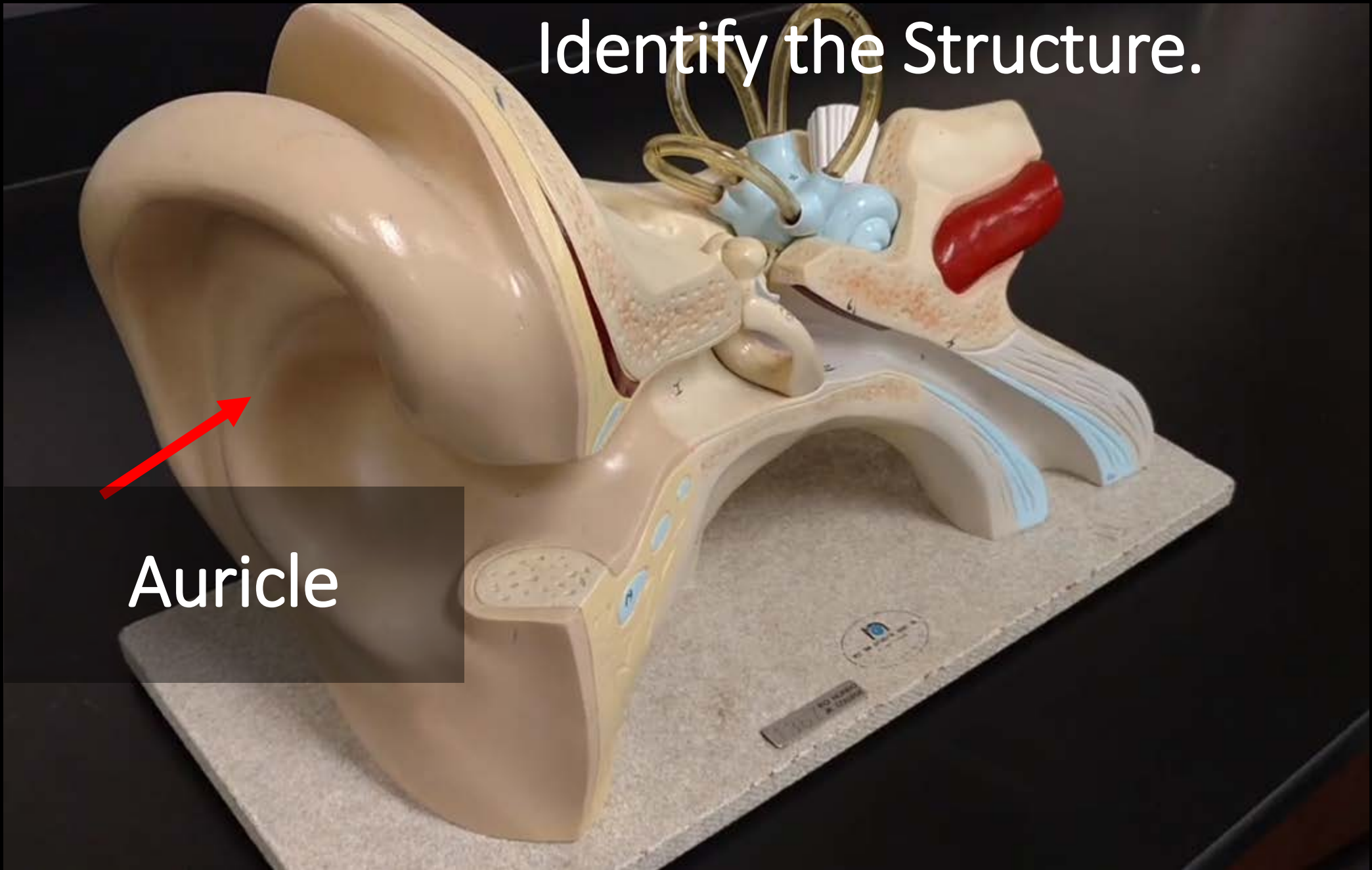




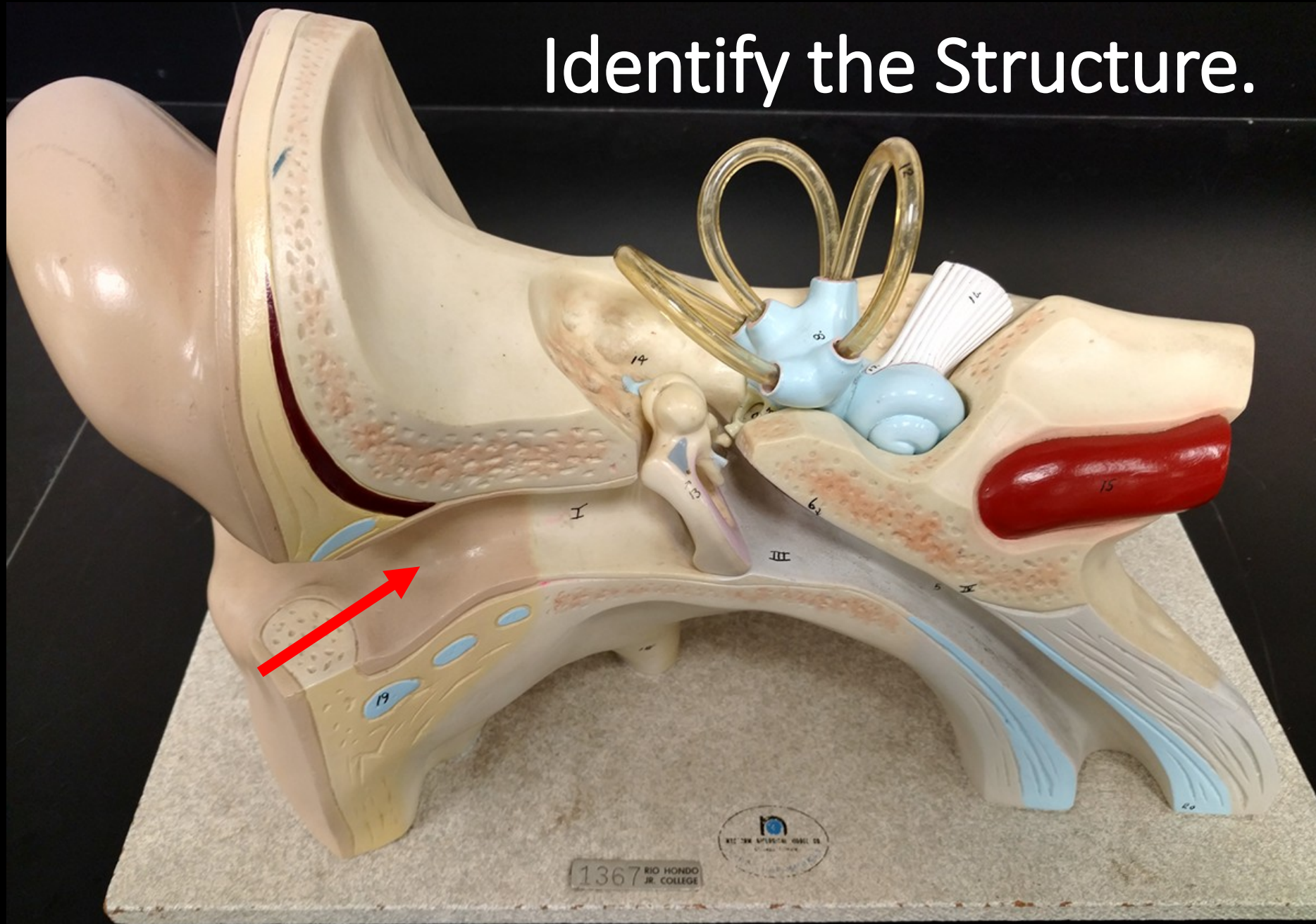
Identify the Structure.



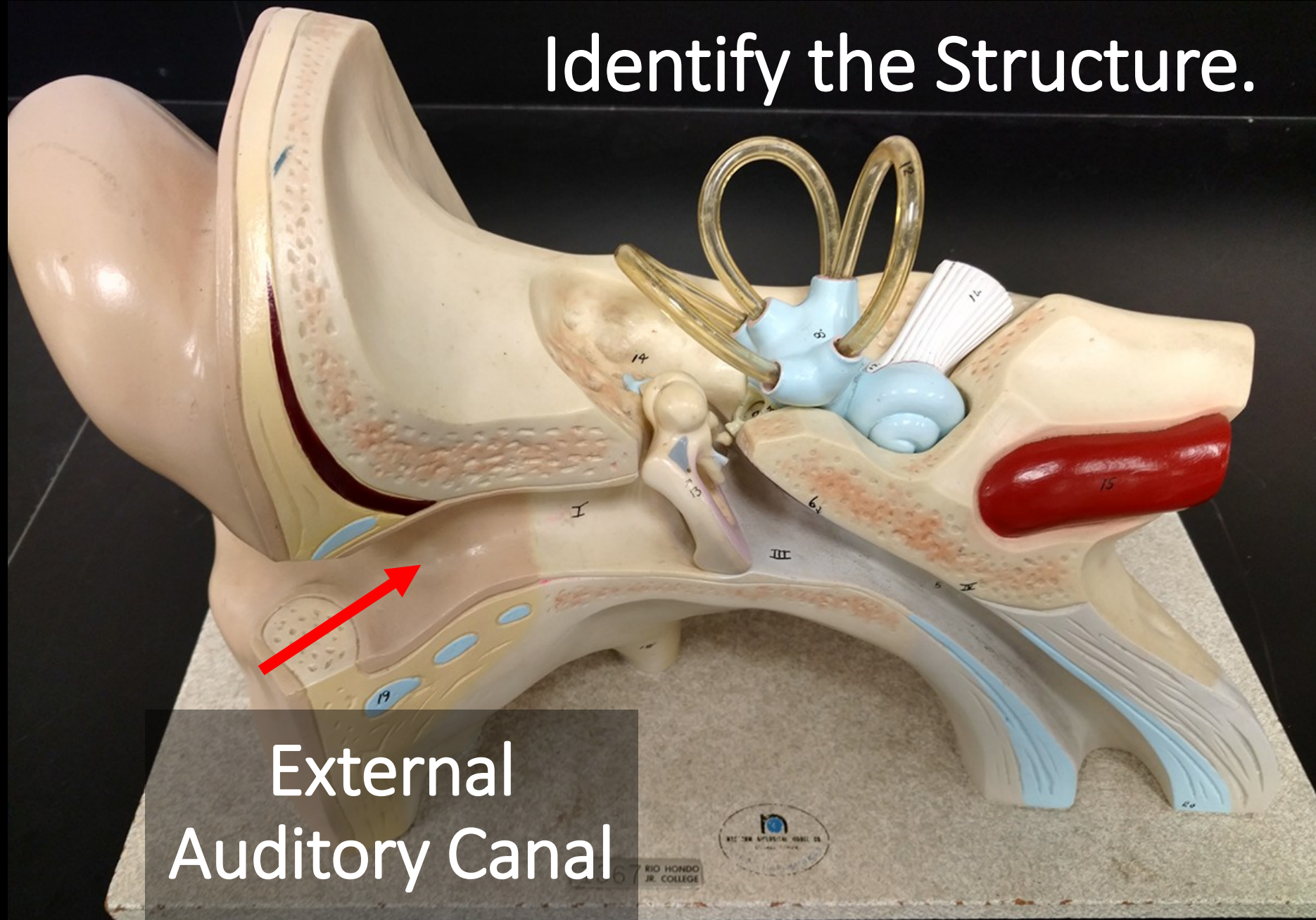
Auricle



Identify the Structure.

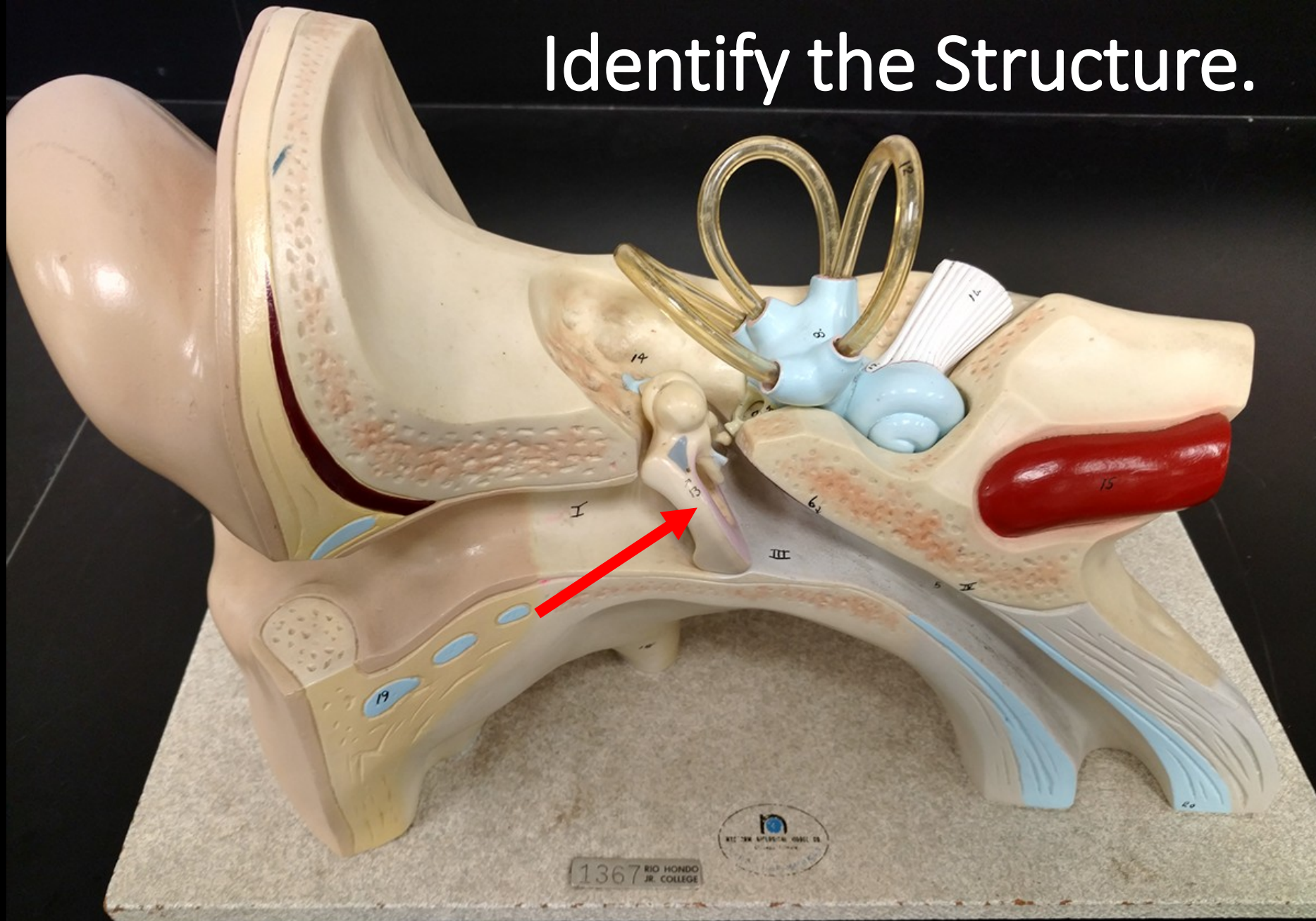


Identify the Structure.

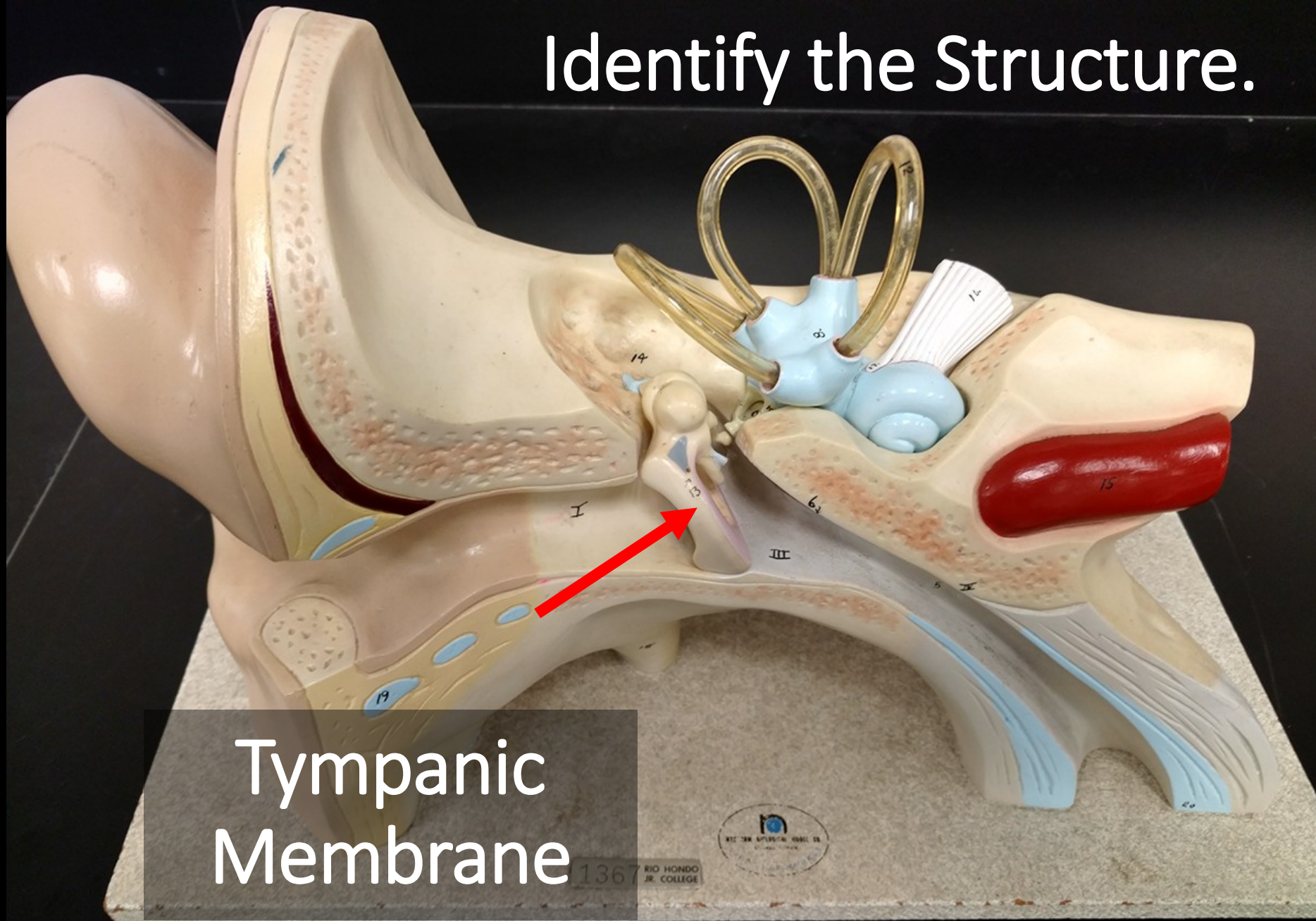


External  
Auditory Canal

Identify the Structure.

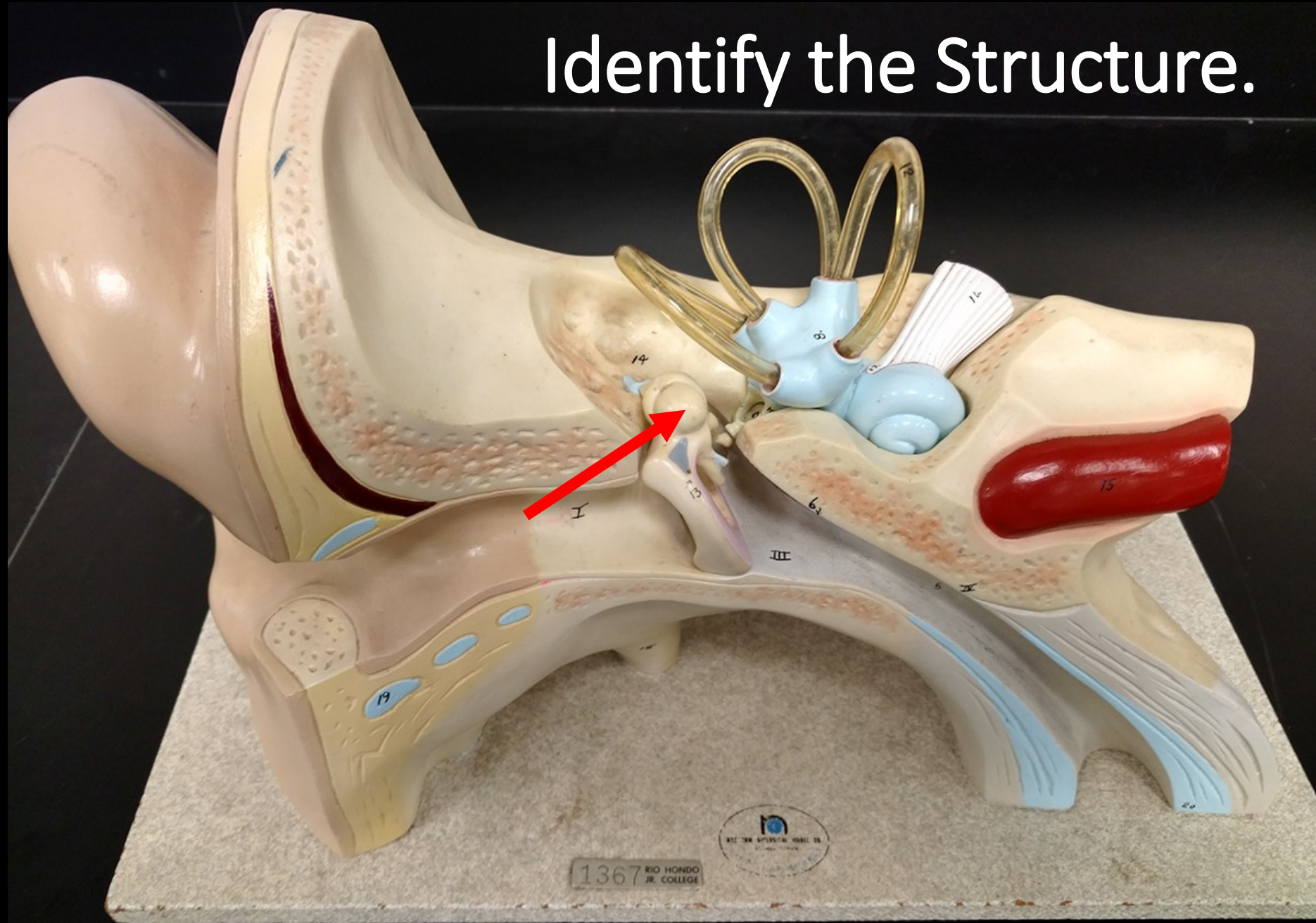


Identify the Structure.

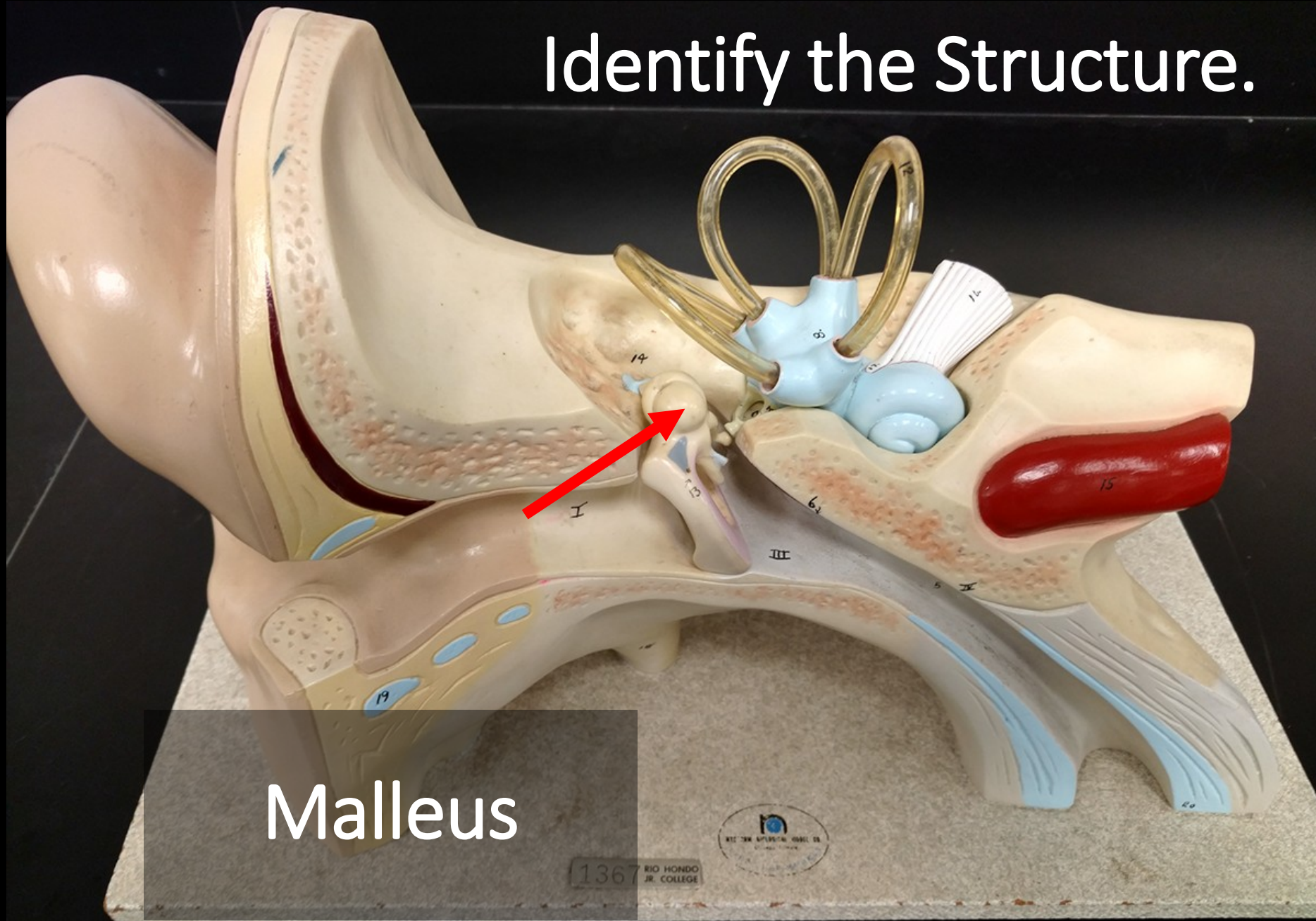


Tympanic Membrane

Identify the Structure.

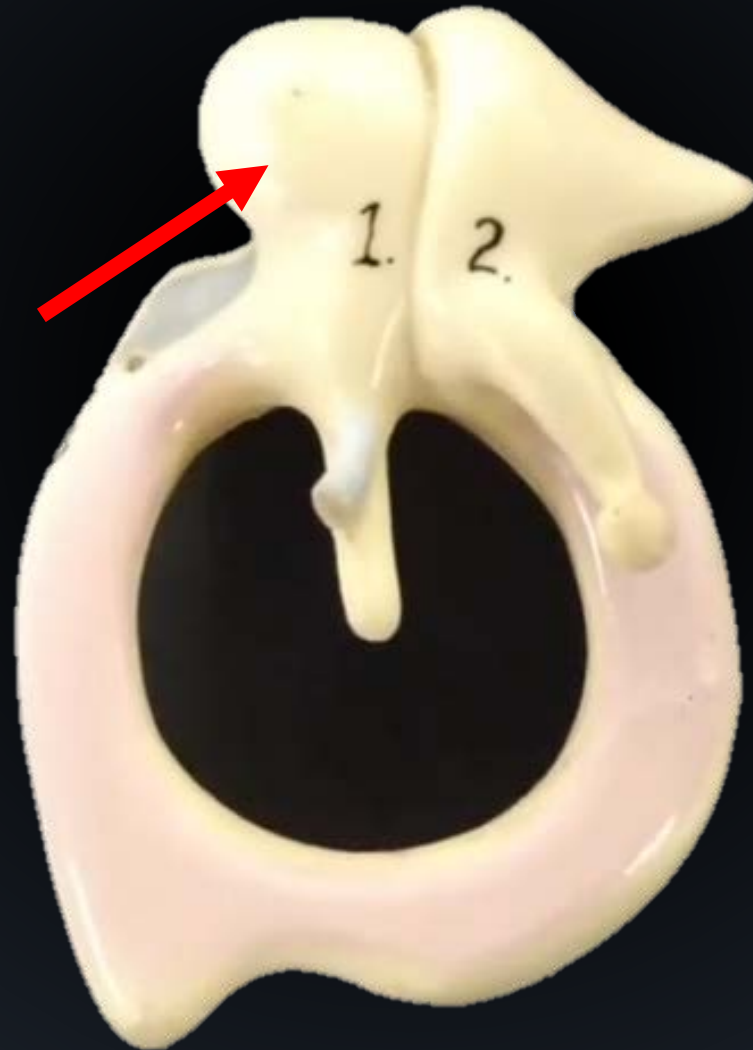


Identify the Structure.



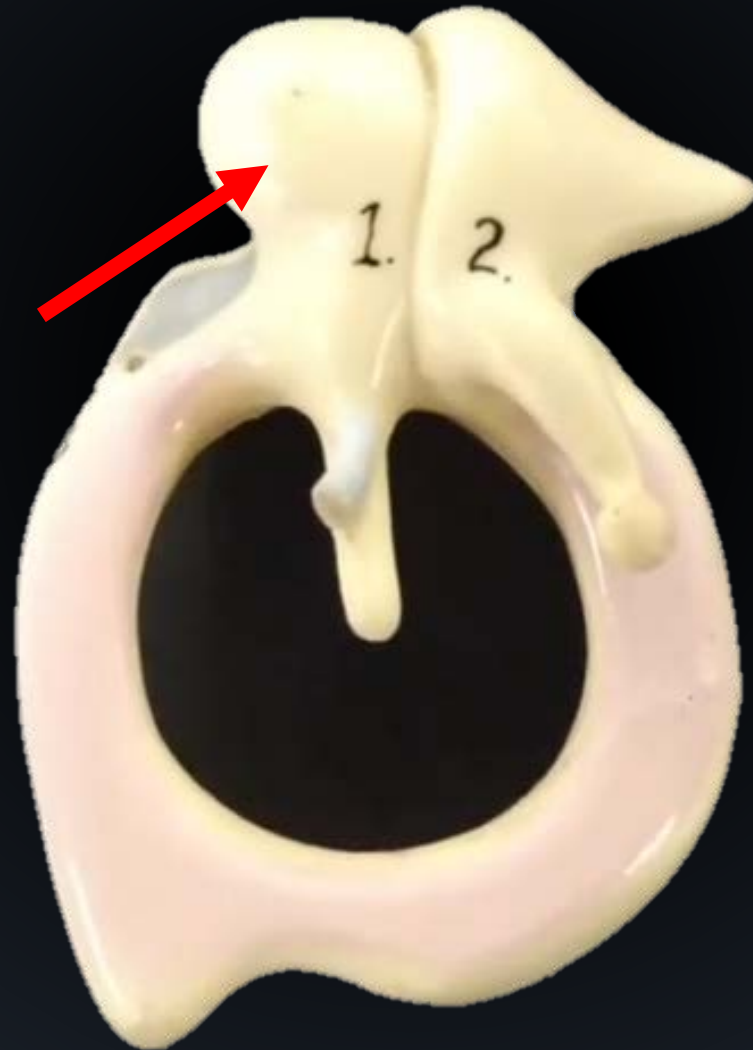
Malleus

IDENTIFY THE STRUCTURE.



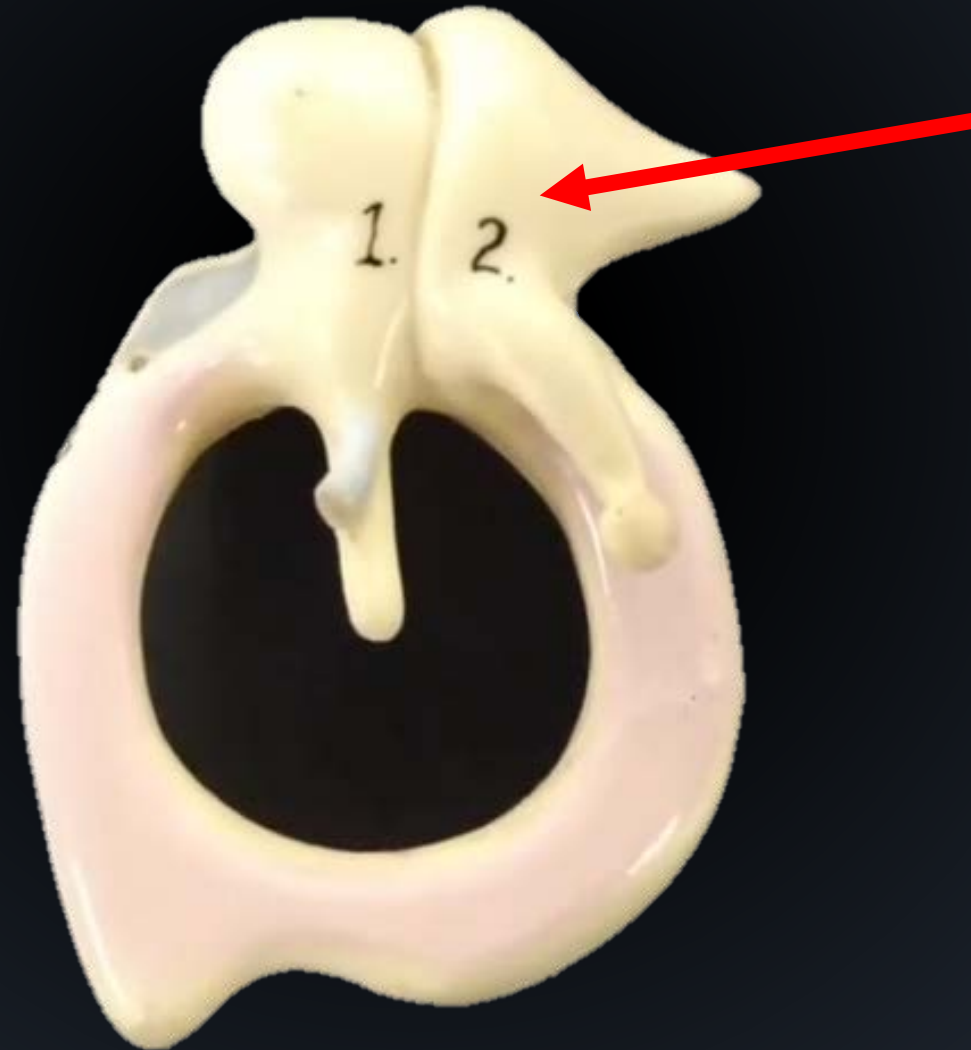


IDENTIFY THE STRUCTURE.

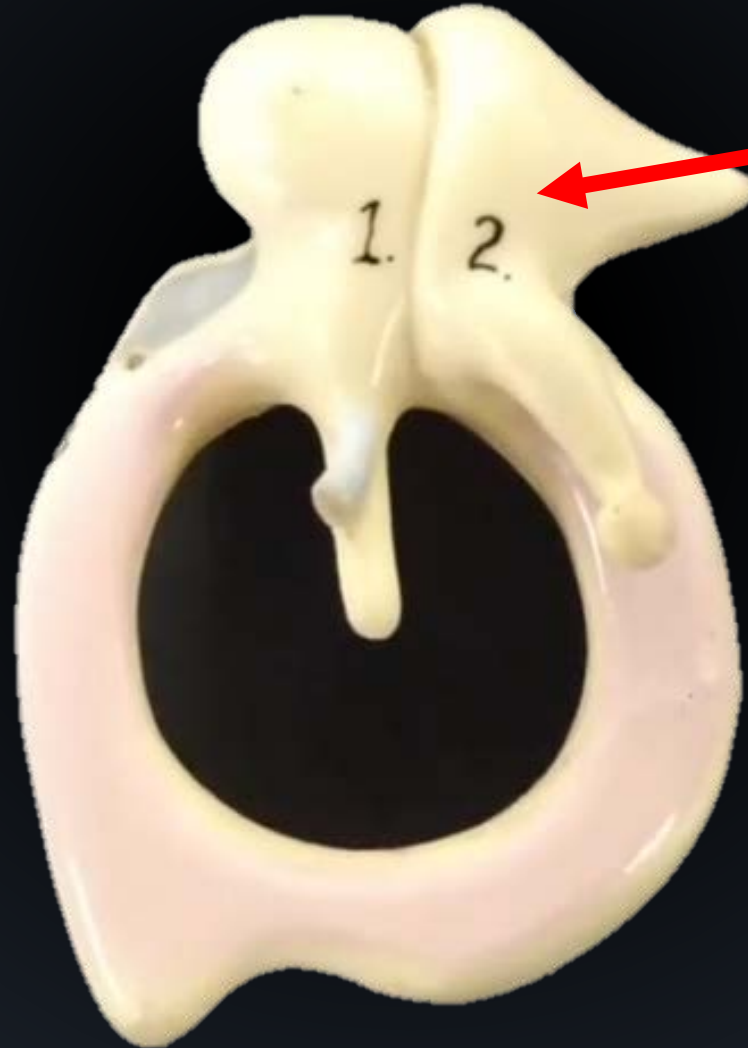


Malleus

IDENTIFY THE STRUCTURE.



IDENTIFY THE STRUCTURE.



INCUS