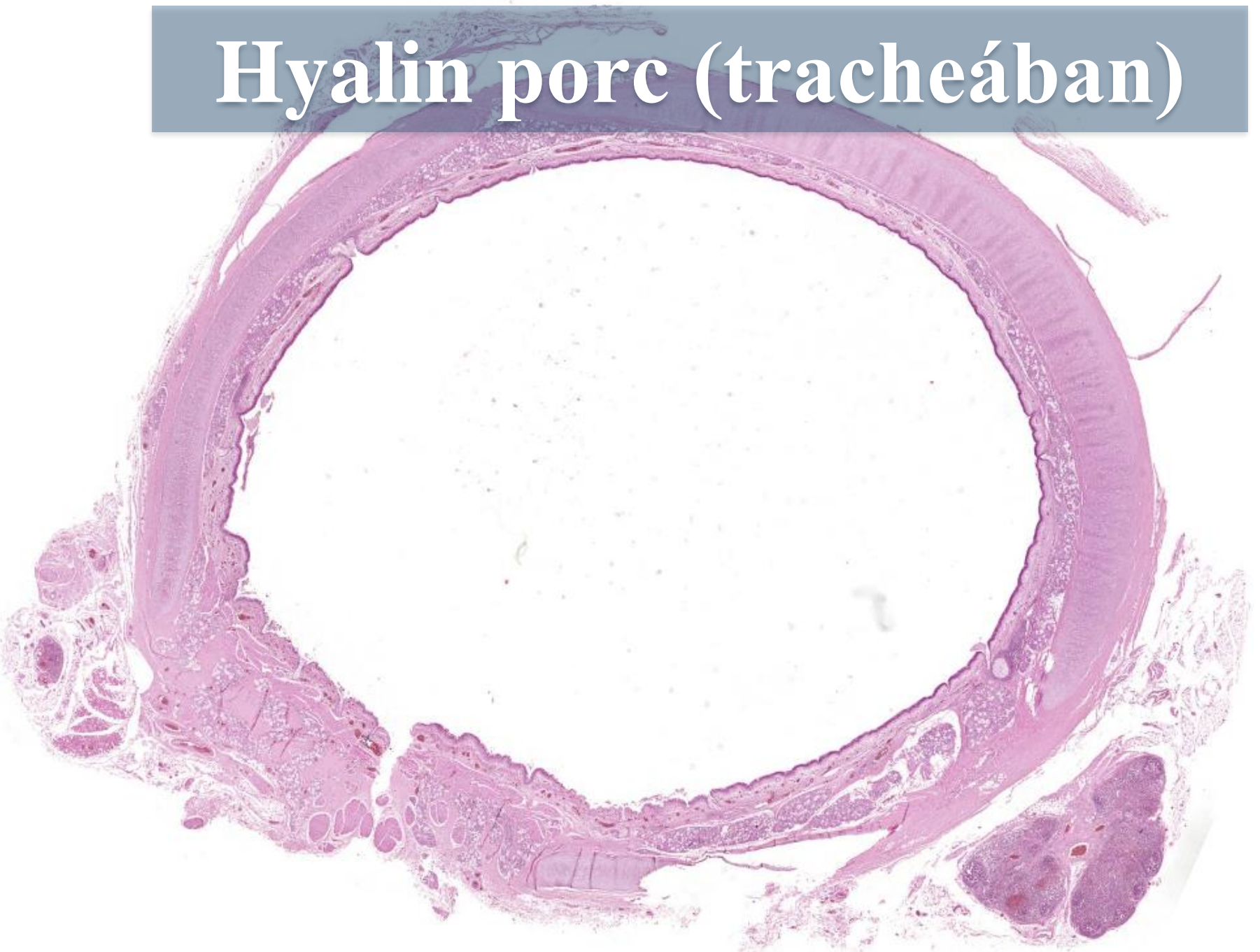


# Porc- és csontszövet

Barna János

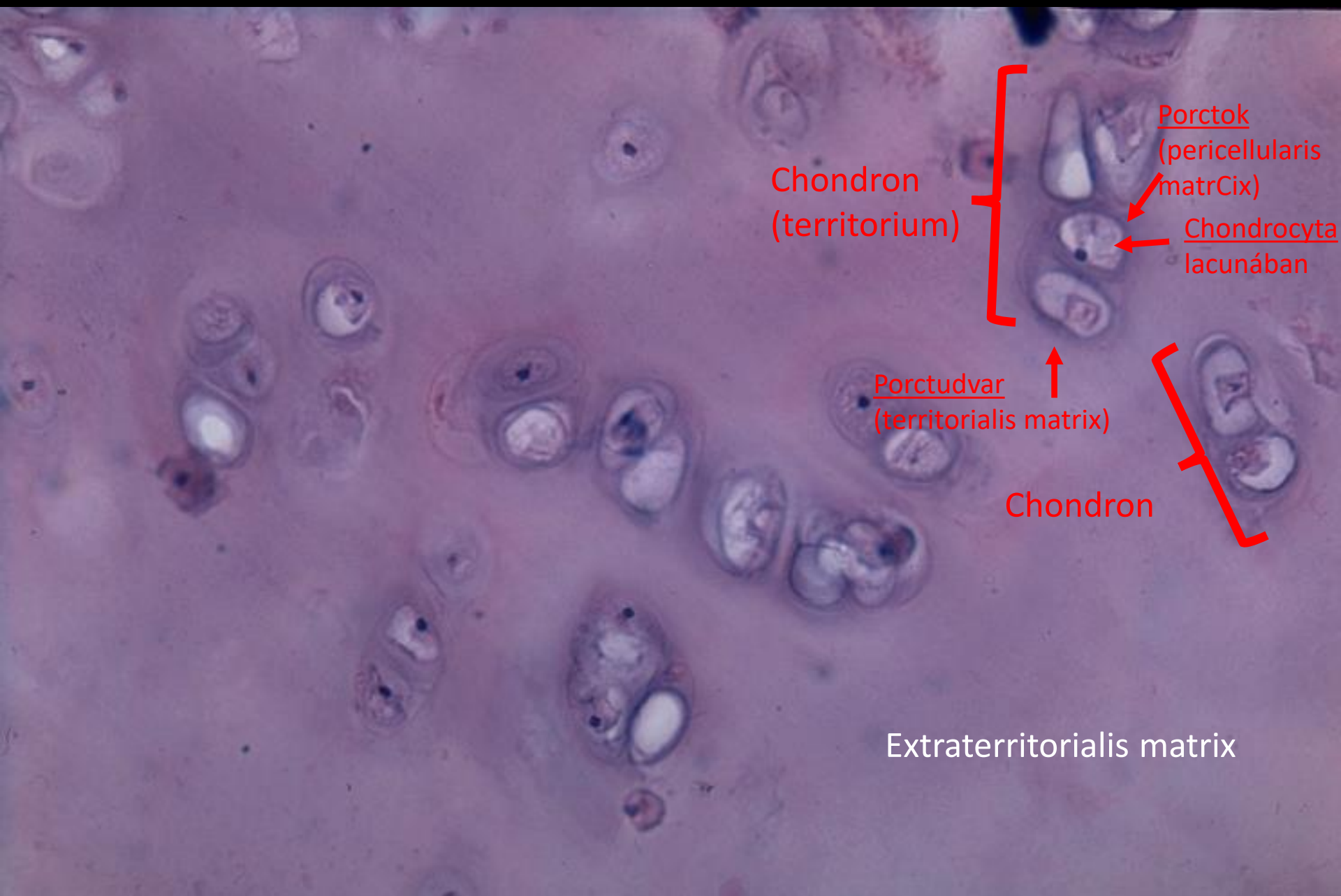
# Hyalin porc (tracheában)





Perichondrium str.  
chondroblasticum

Perichondrium  
str. fibrosum



Chondron  
(territorium)

Porctok  
(pericellularis  
matrCix)

Chondrocyta  
lacunában

Porctudvar  
(territorialis matrix)

Chondron

Extraterritorialis matrix

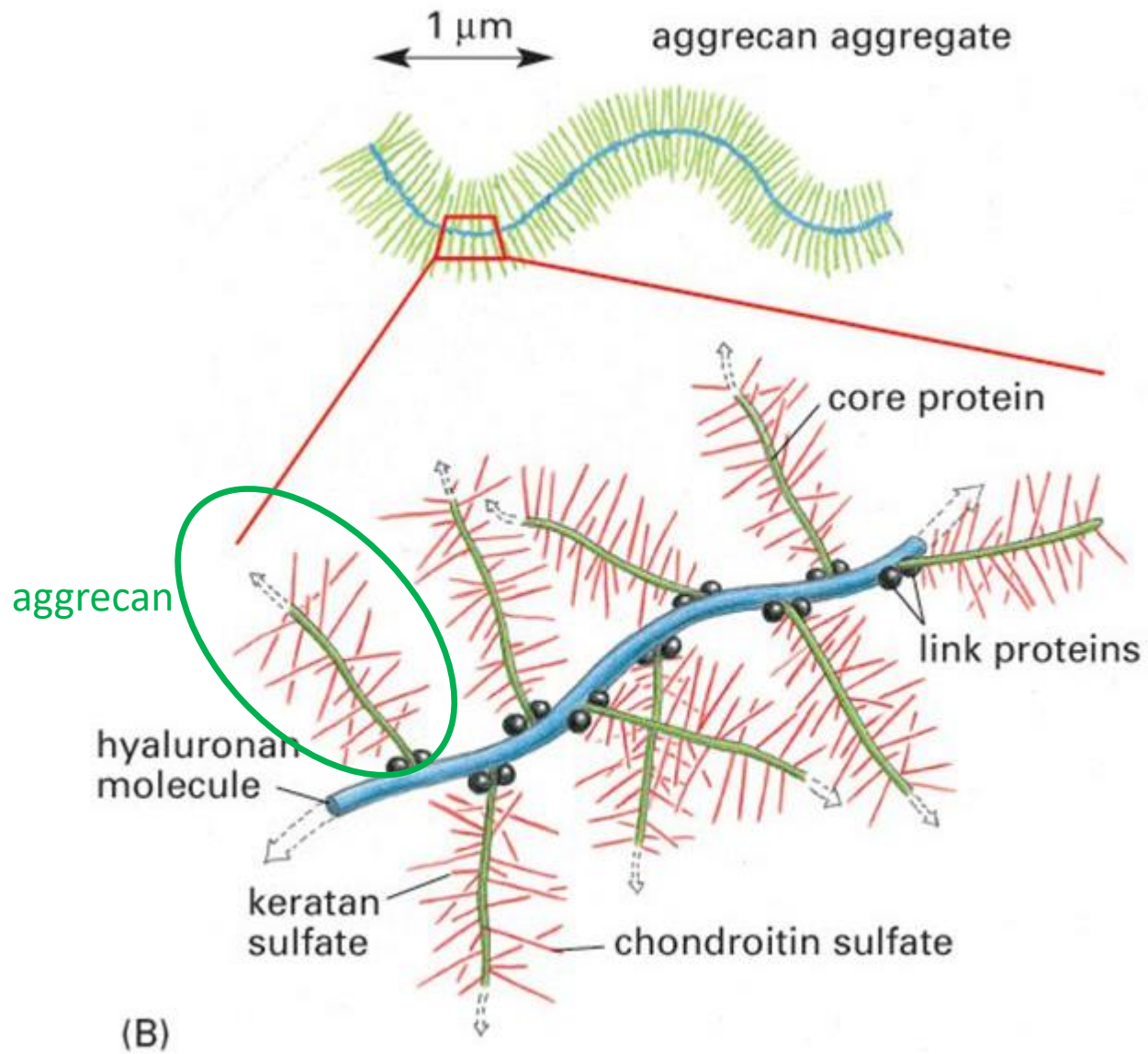
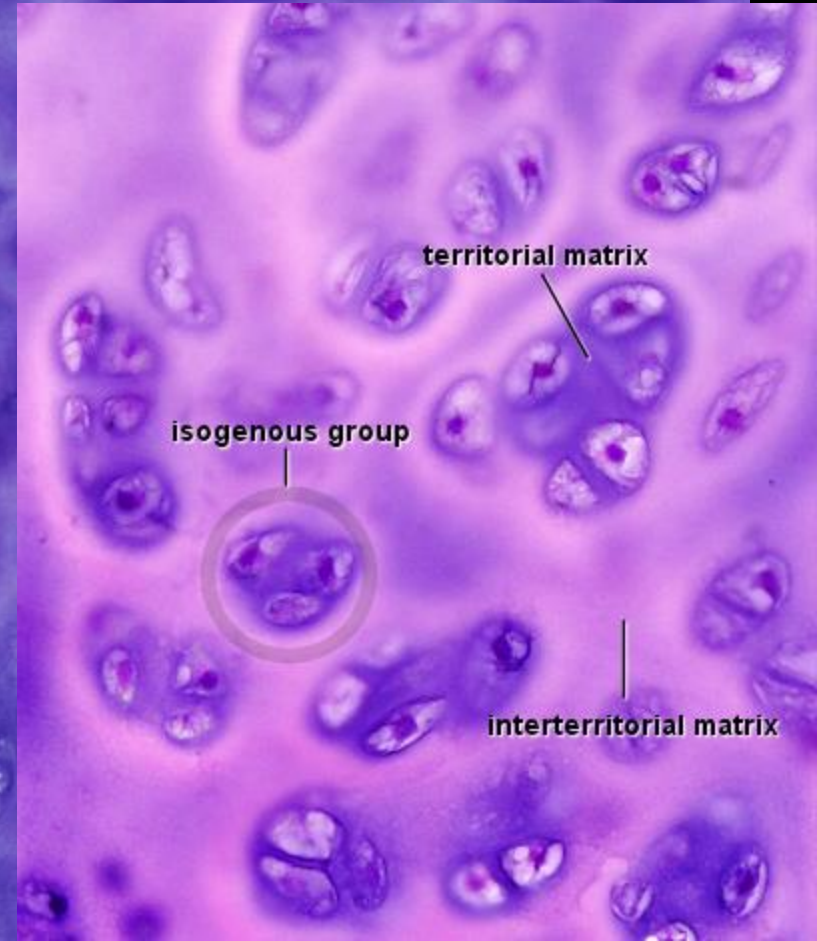
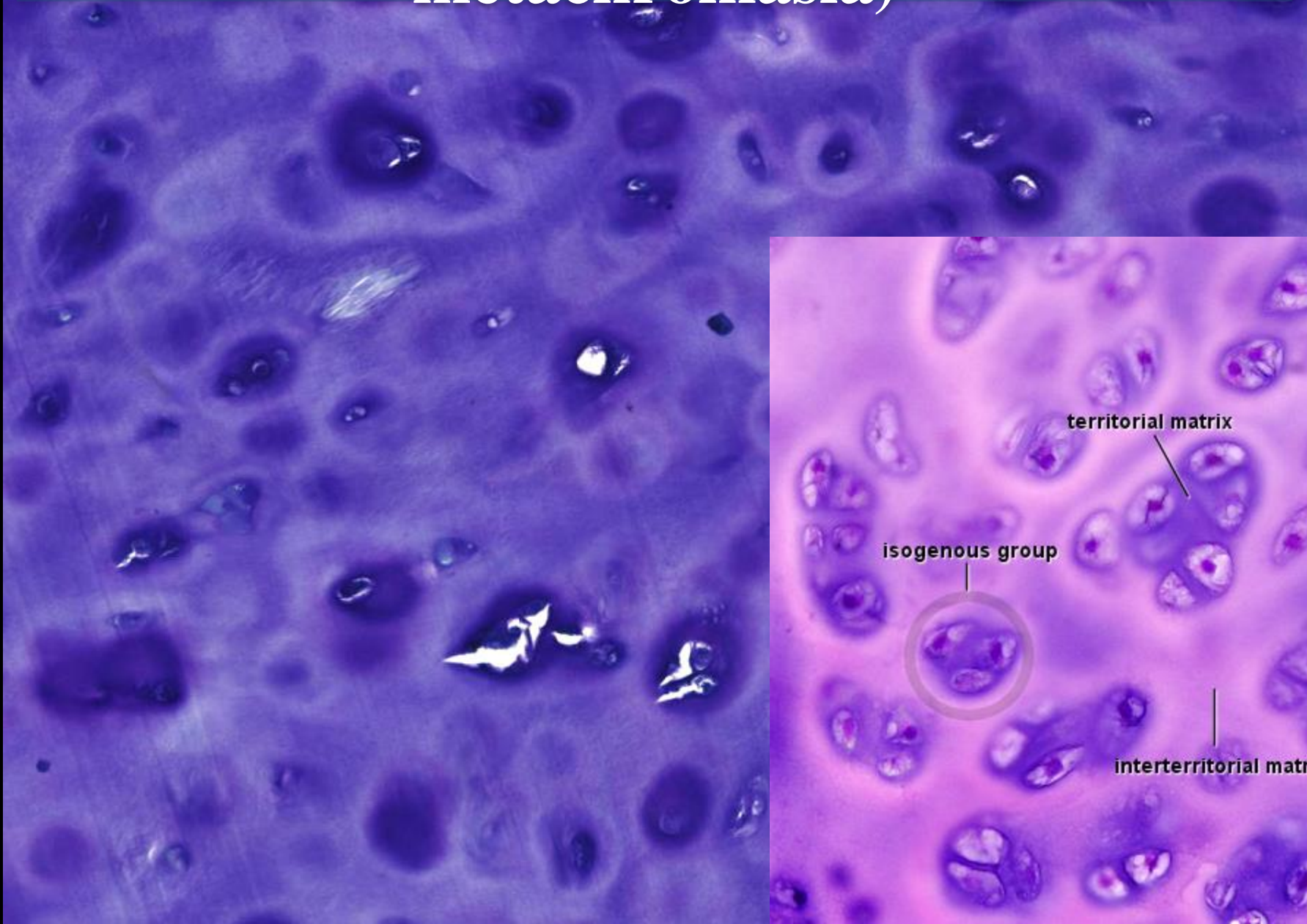
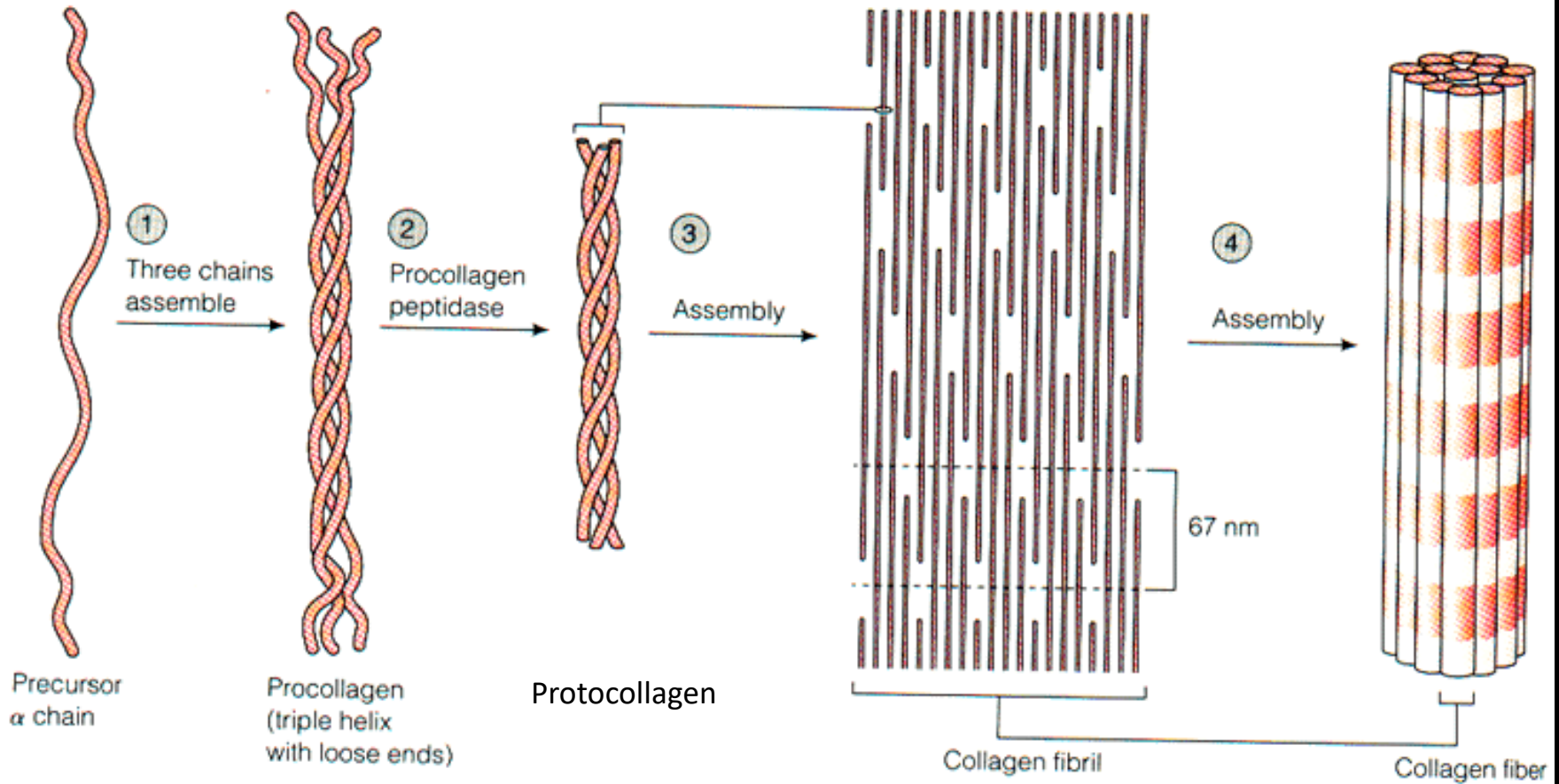


Figure 19-41 part 2 of 2. Molecular Biology of the Cell, 4th Edition.

# Hyalin porc (bordaporc, toluidin kék, metachromasia)



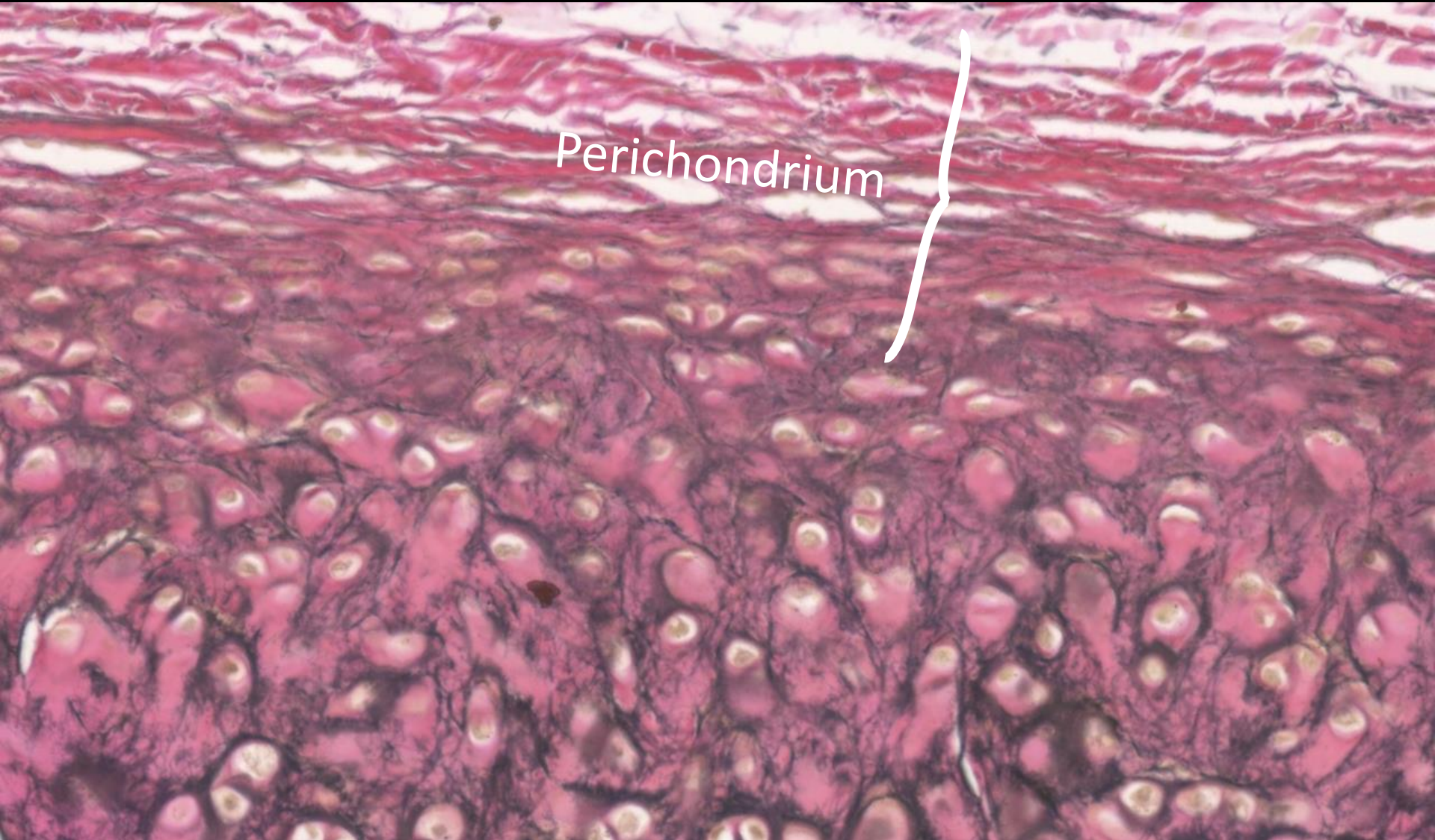
# A kollagén rost képződése



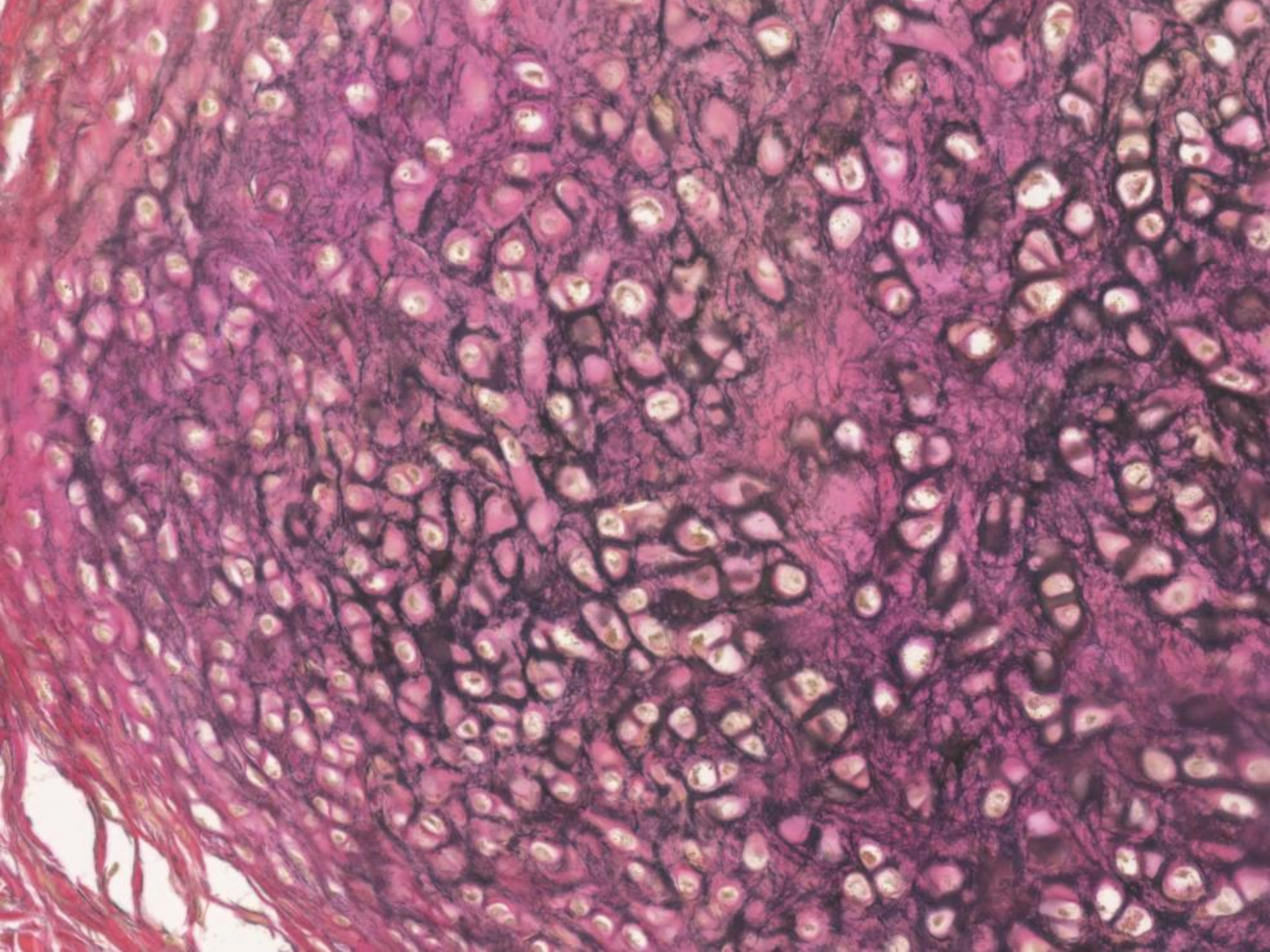
# Elasticus porc (auriculából, Verhoeff-féle festés)



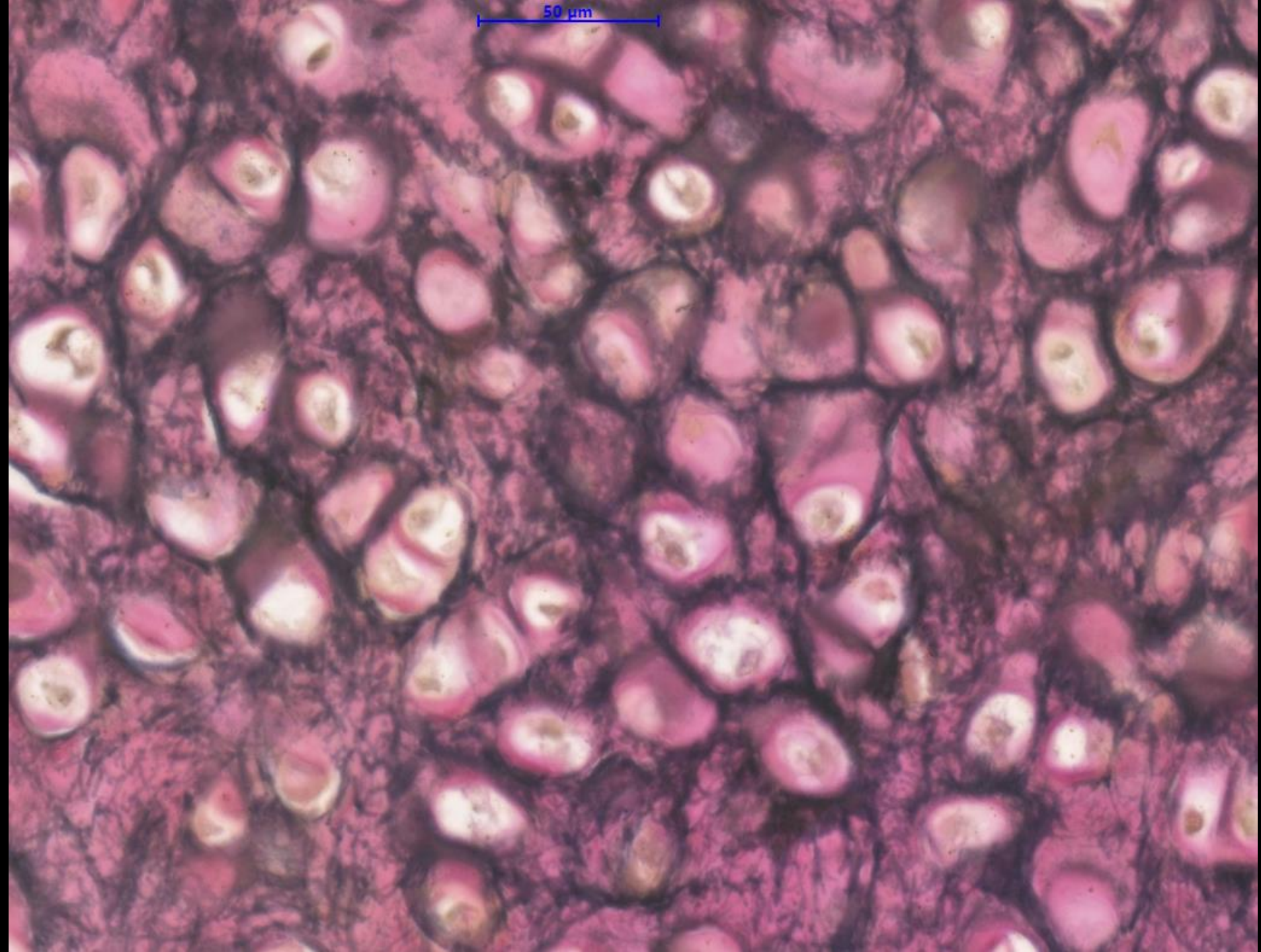




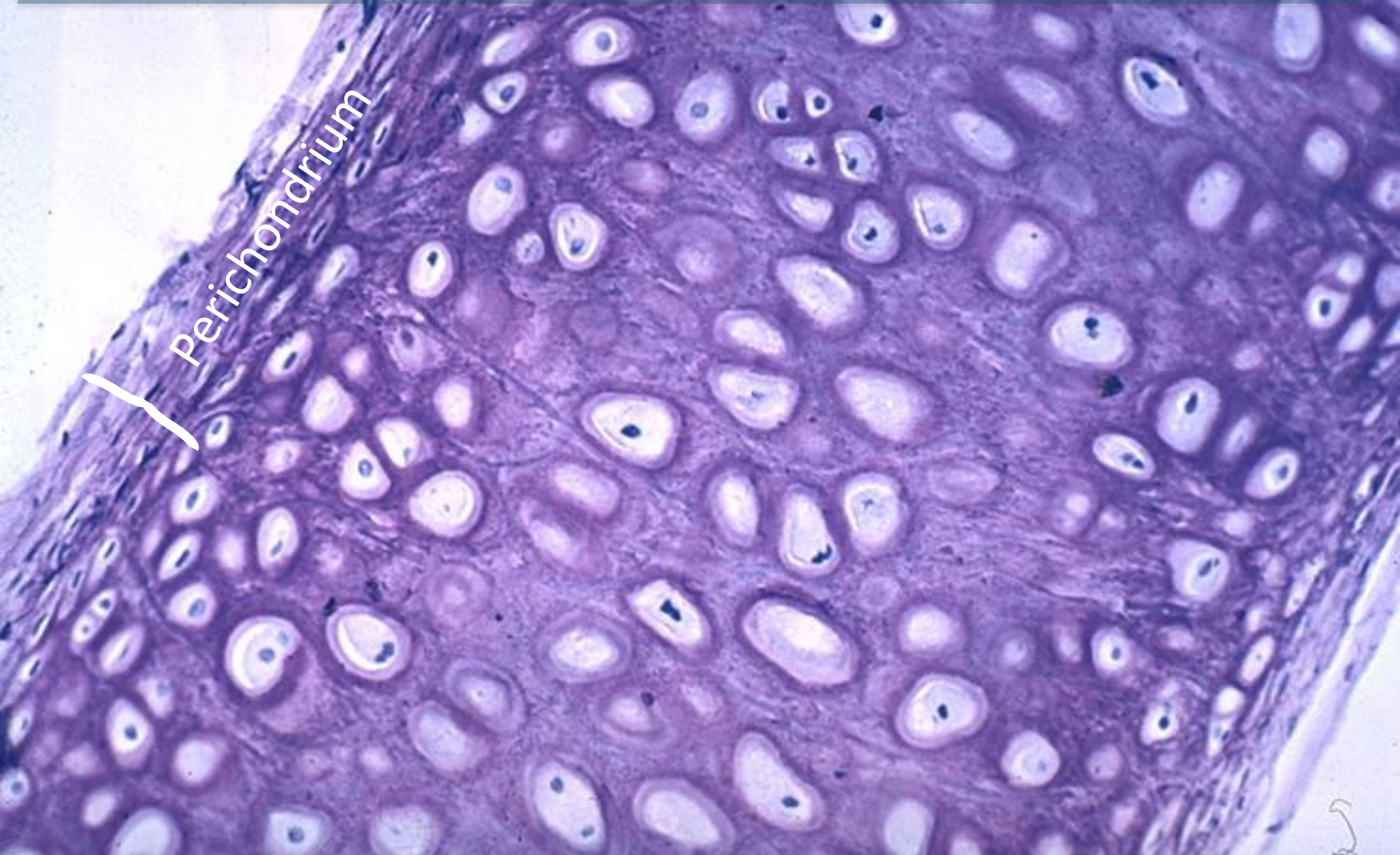
Perichondrium



50  $\mu$ m

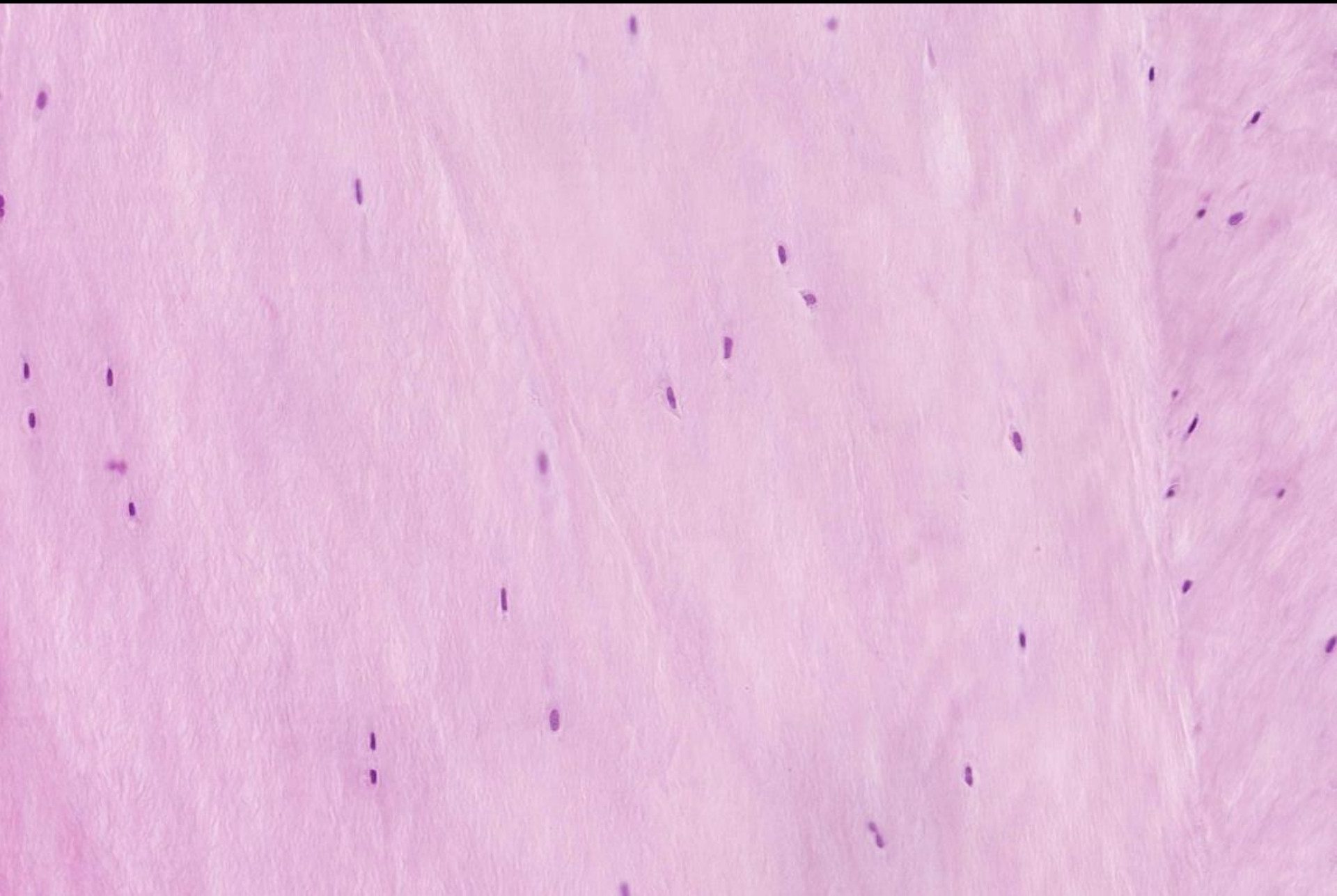


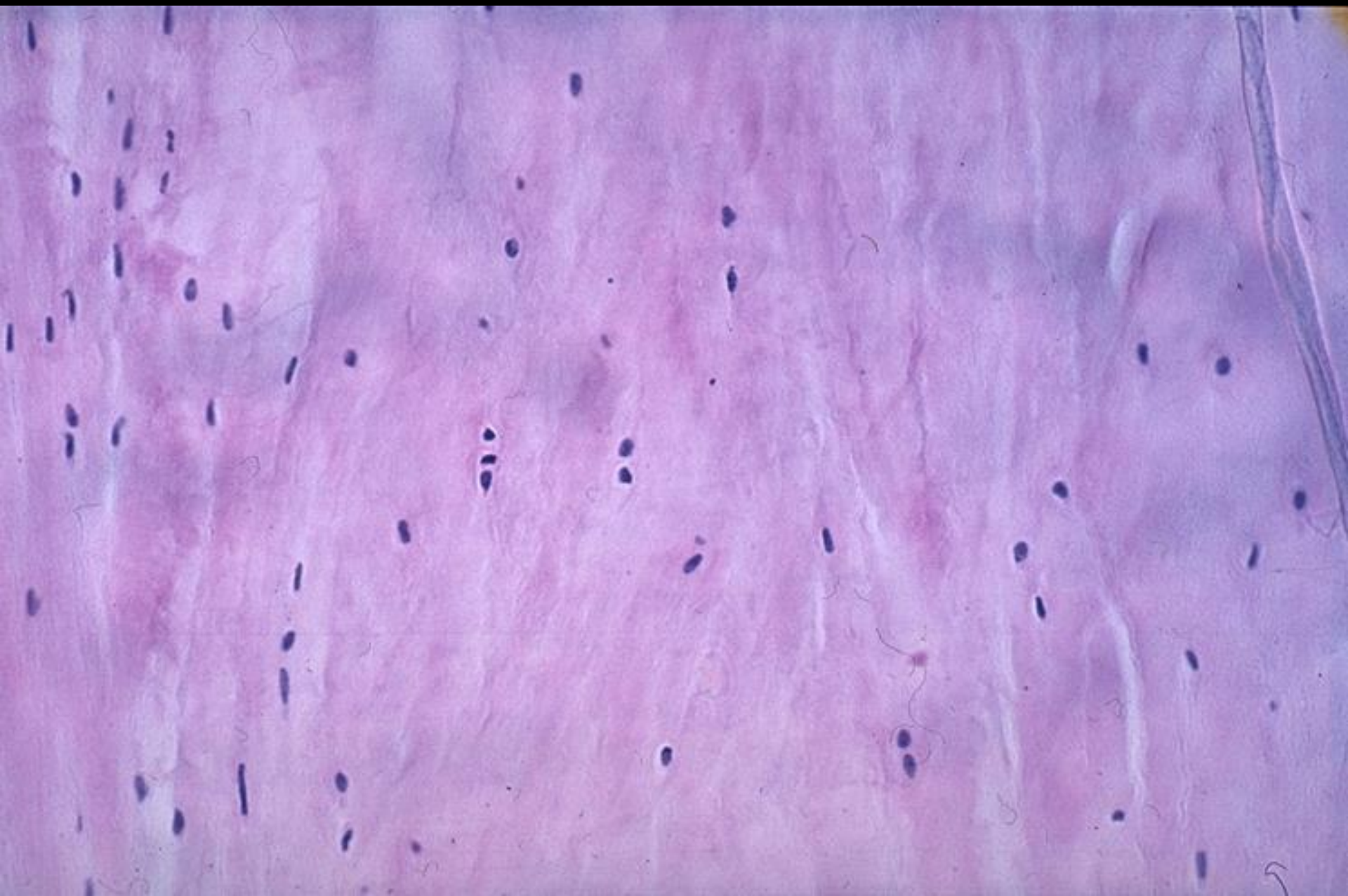
# Elasticus porc (epiglottis, resorcin-fuchsin festés)



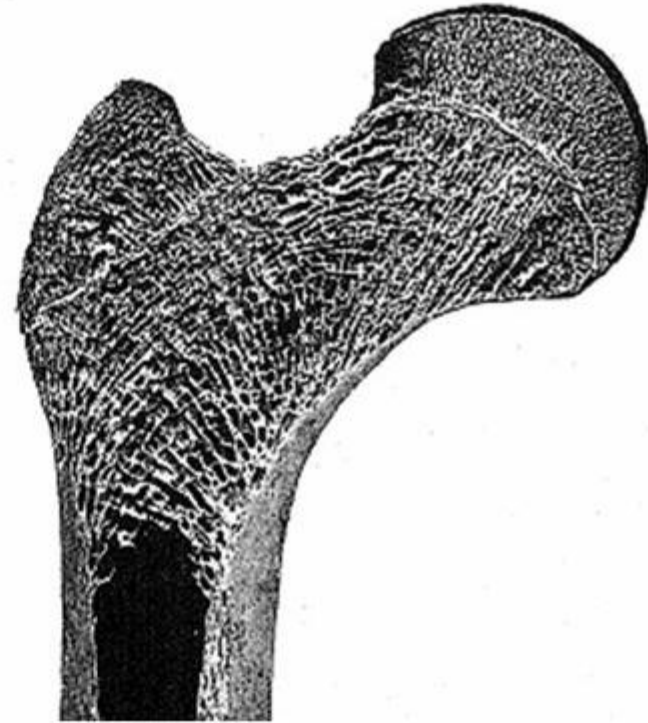
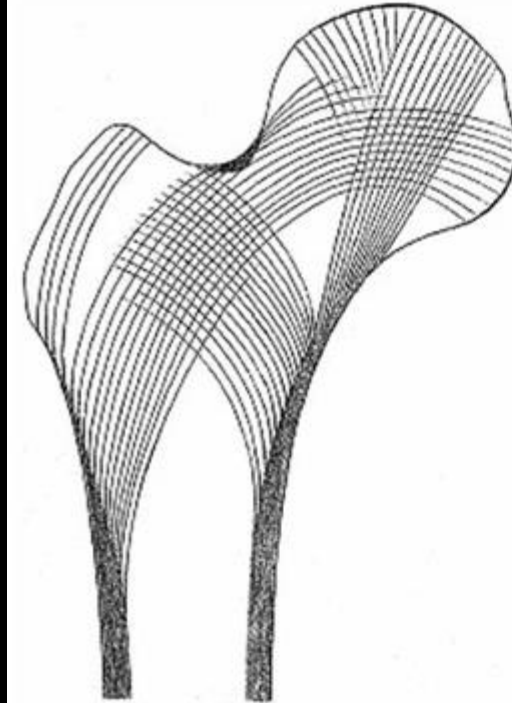
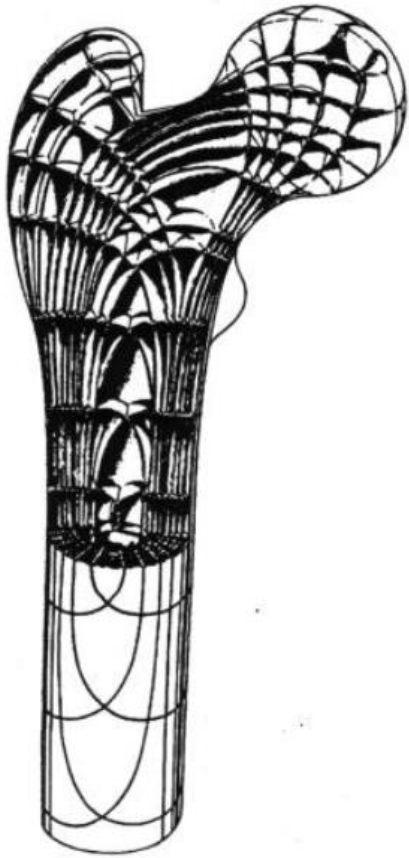
# (Kollagén) rostos porc





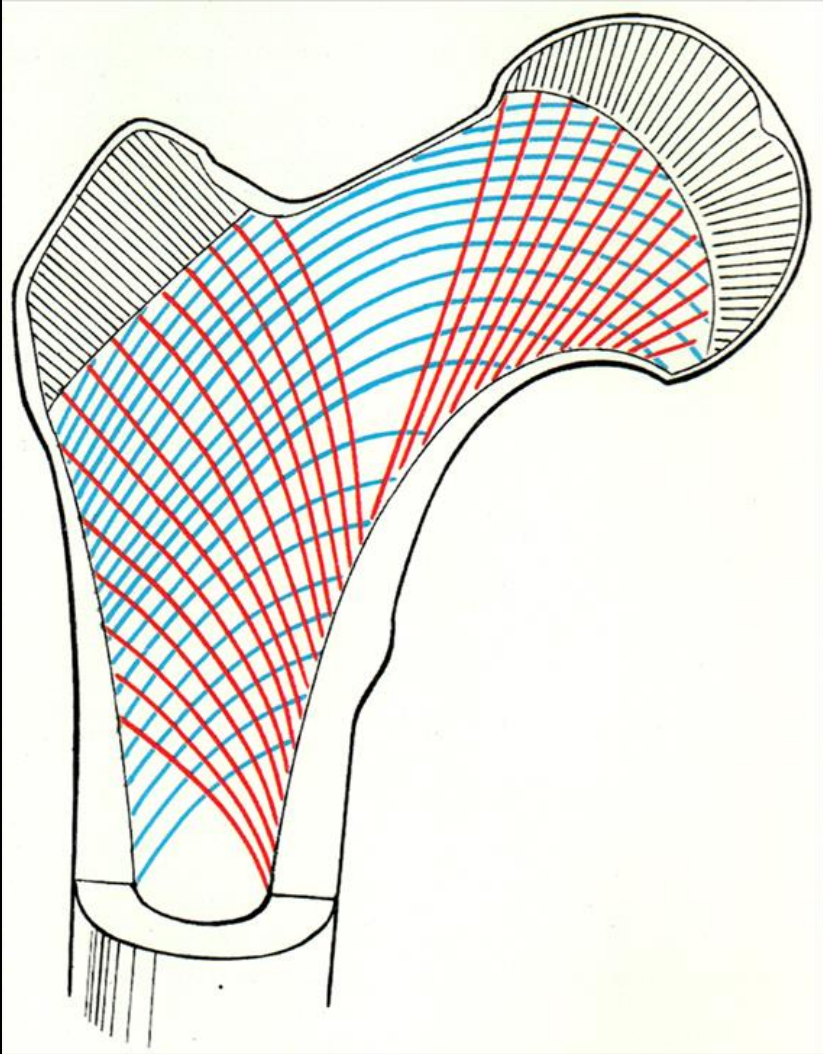


# Csontszövet

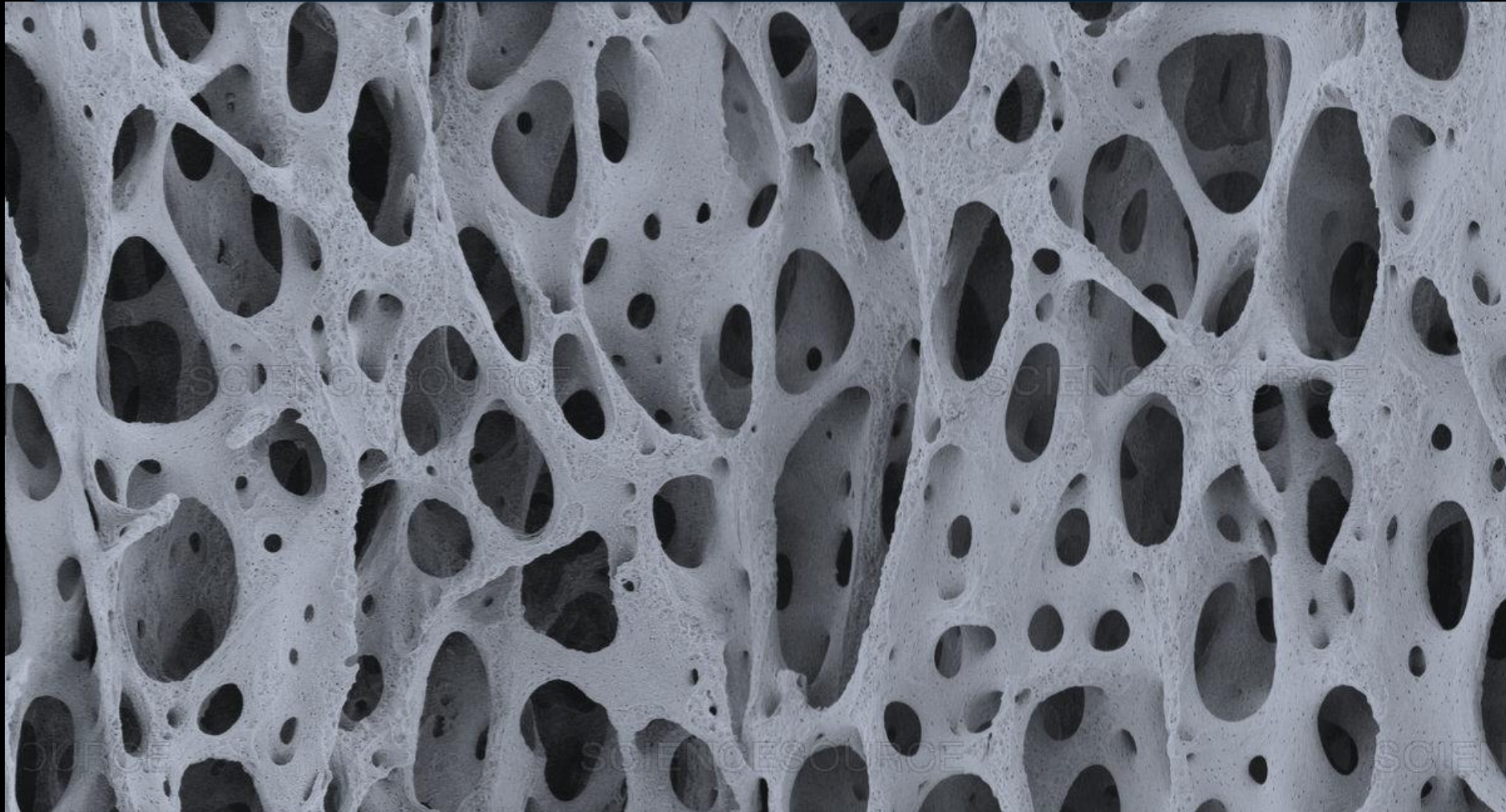




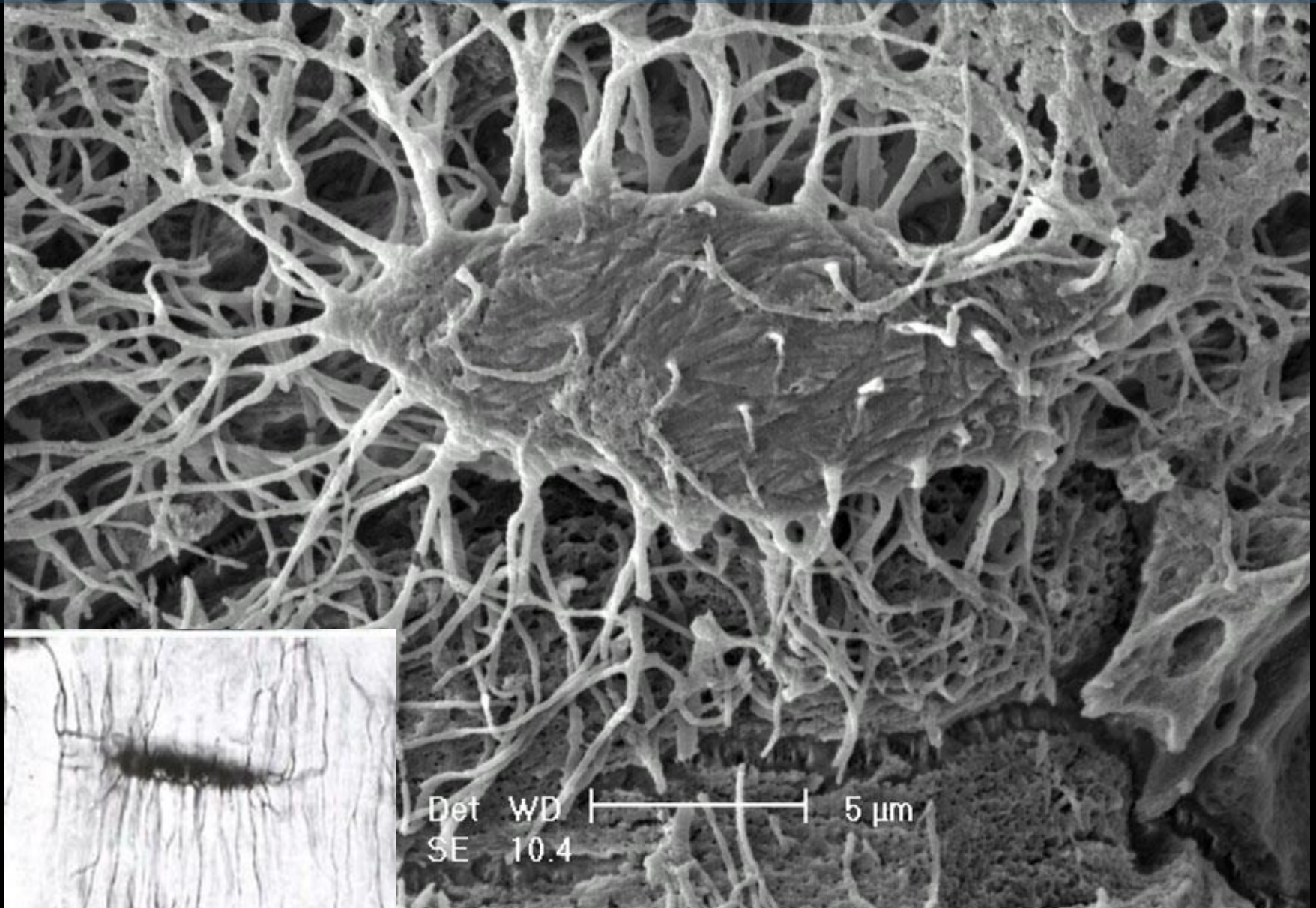
# Szivacsos csontállomány



# Szivacsos csontállomány

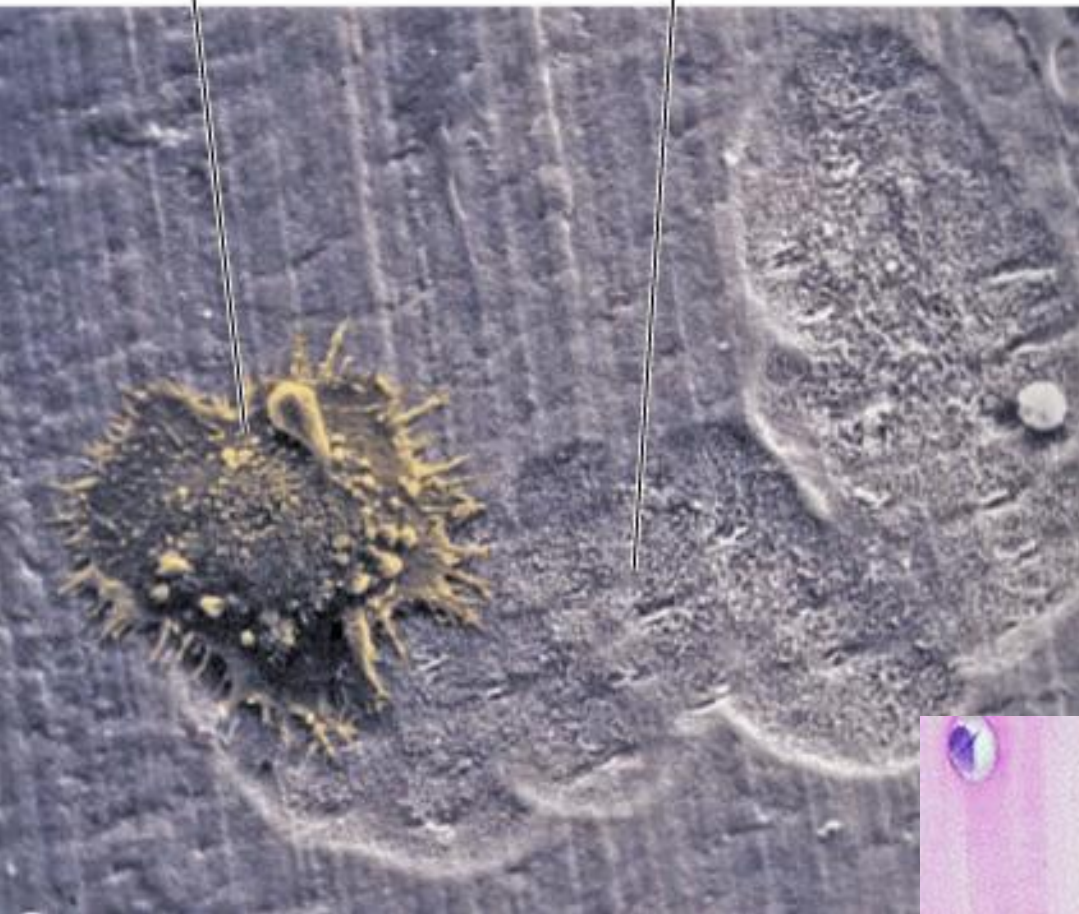


# Osteocyta szivacsos csontállományban

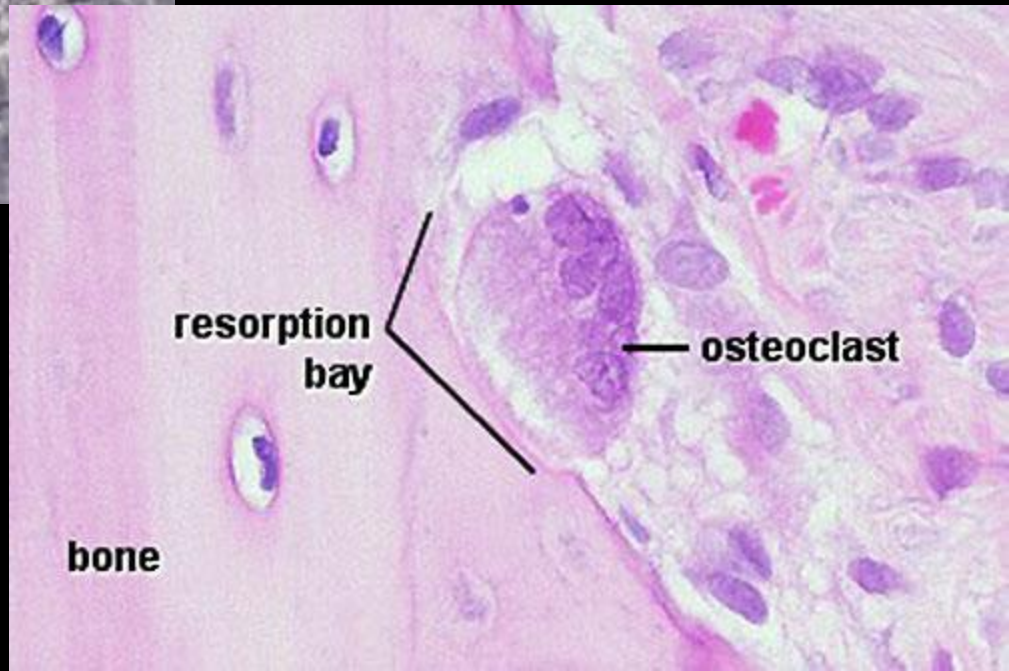


Osteoclast

Bone matrix



# Osteoclast



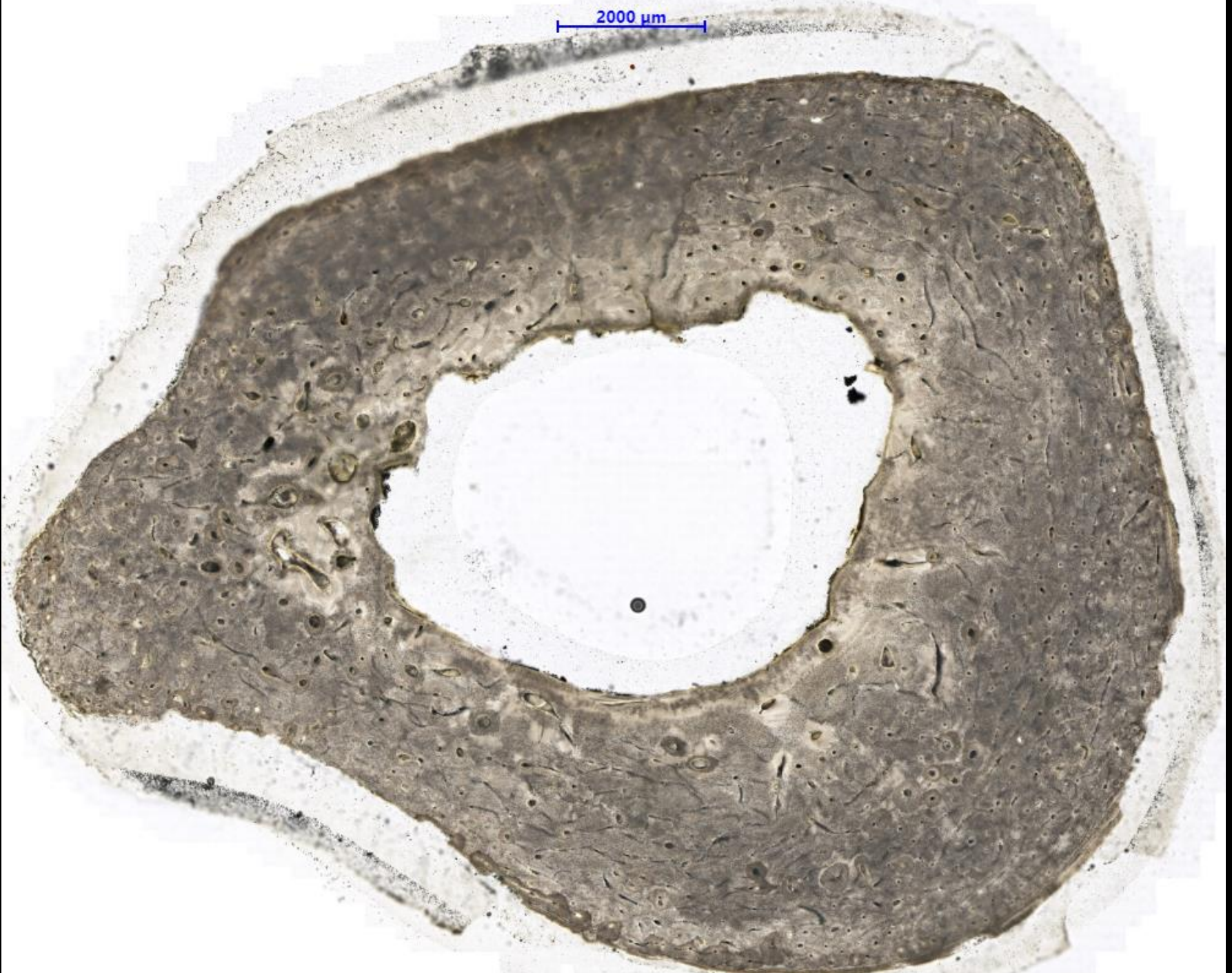
# Achondroplasia (chondistrofiás törpeség)



# Osteogenesis imperfecta (üvegcsontúság)

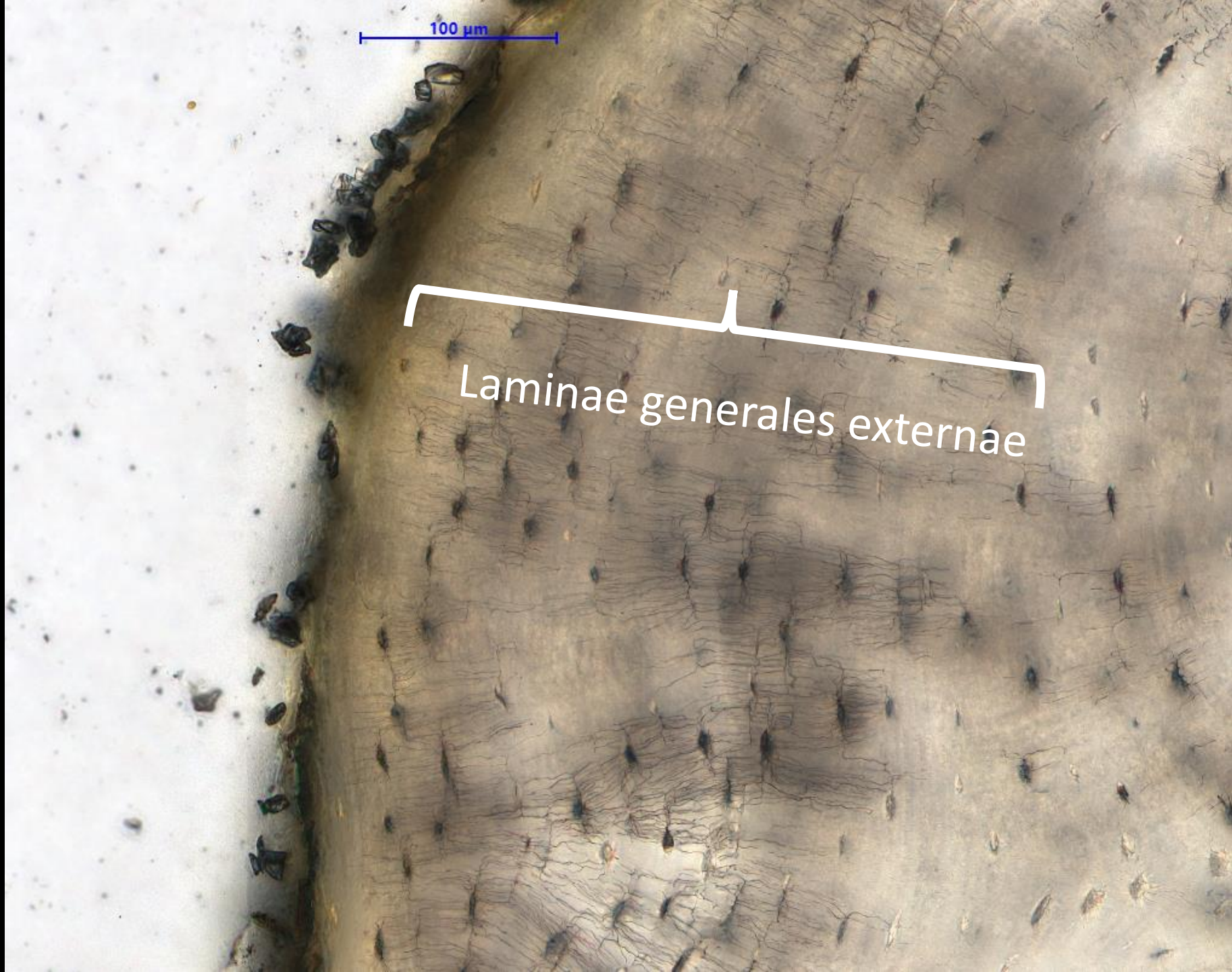


2000  $\mu\text{m}$



100  $\mu\text{m}$

Laminae generales externae

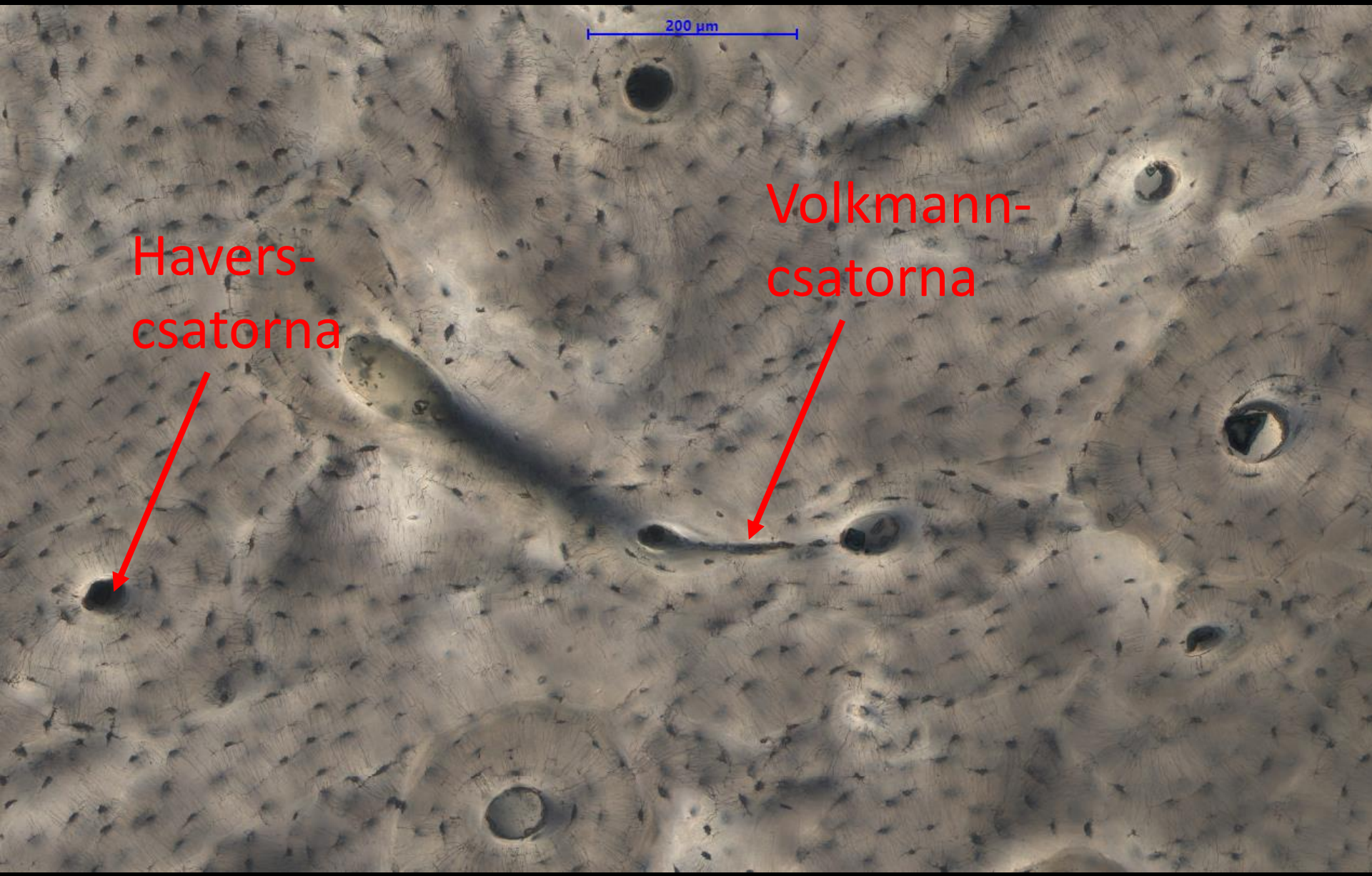


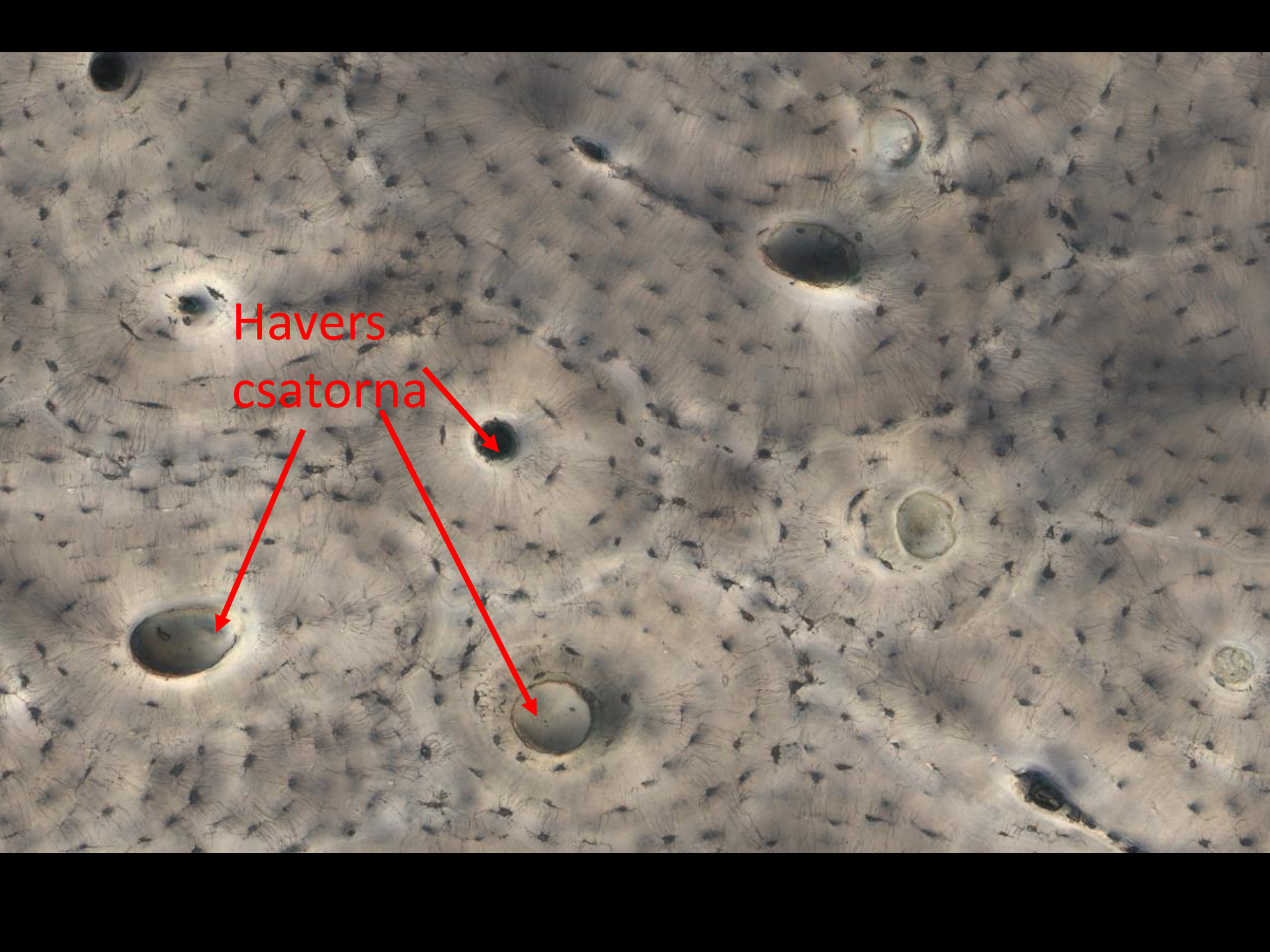


200  $\mu\text{m}$

Havers-  
csatorna

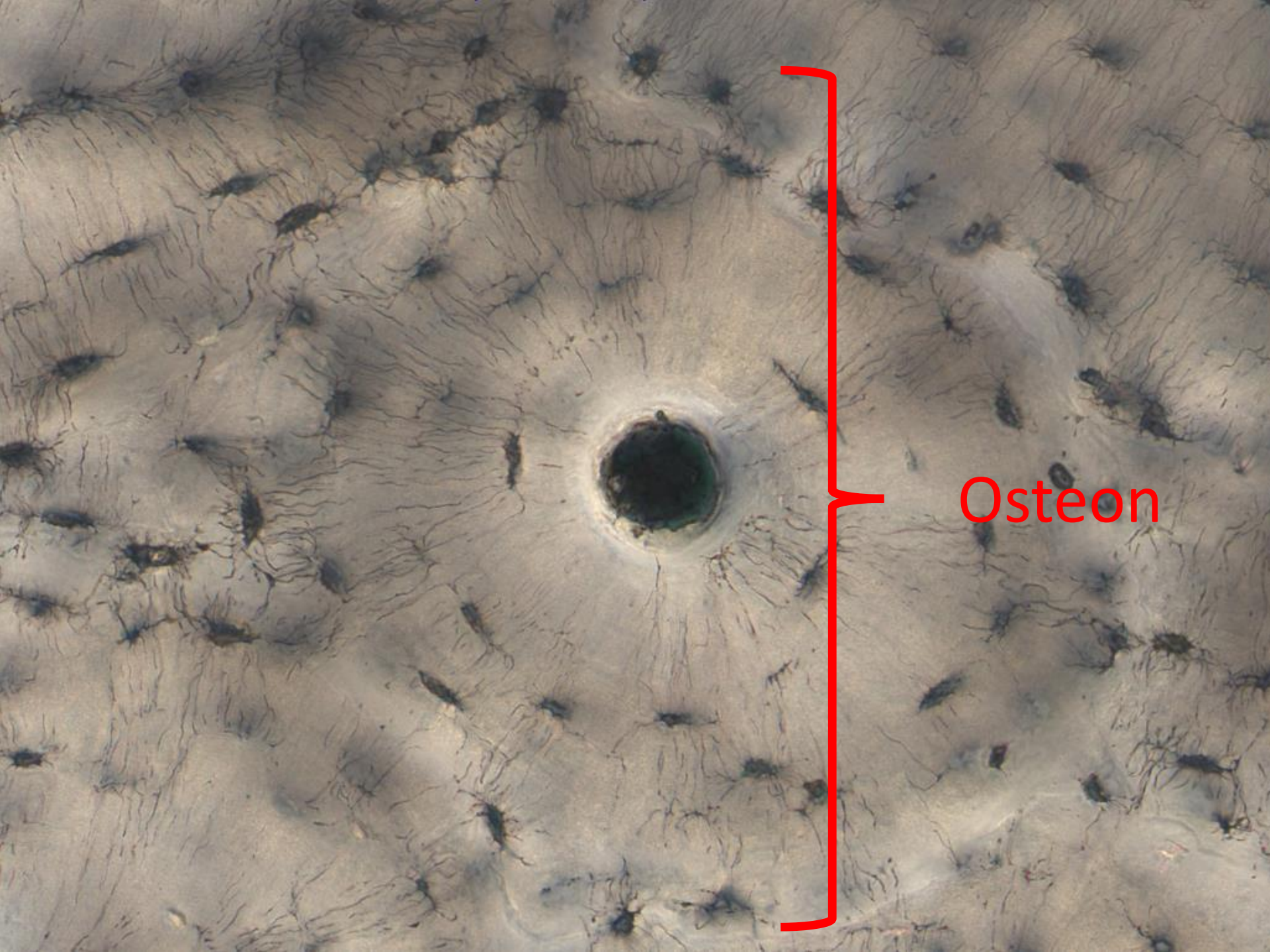
Volkman-  
csatorna





Havers  
canals





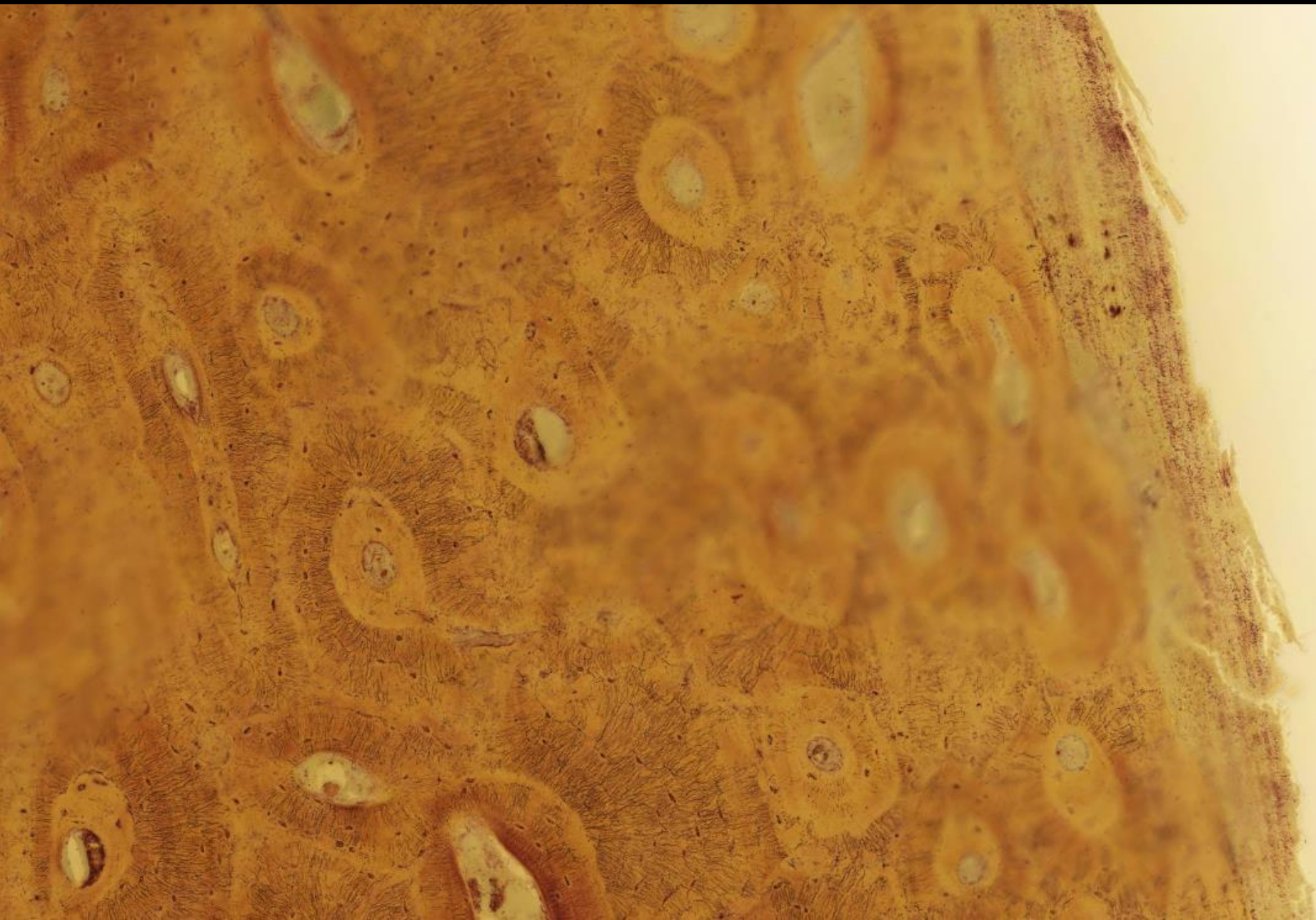
Osteon

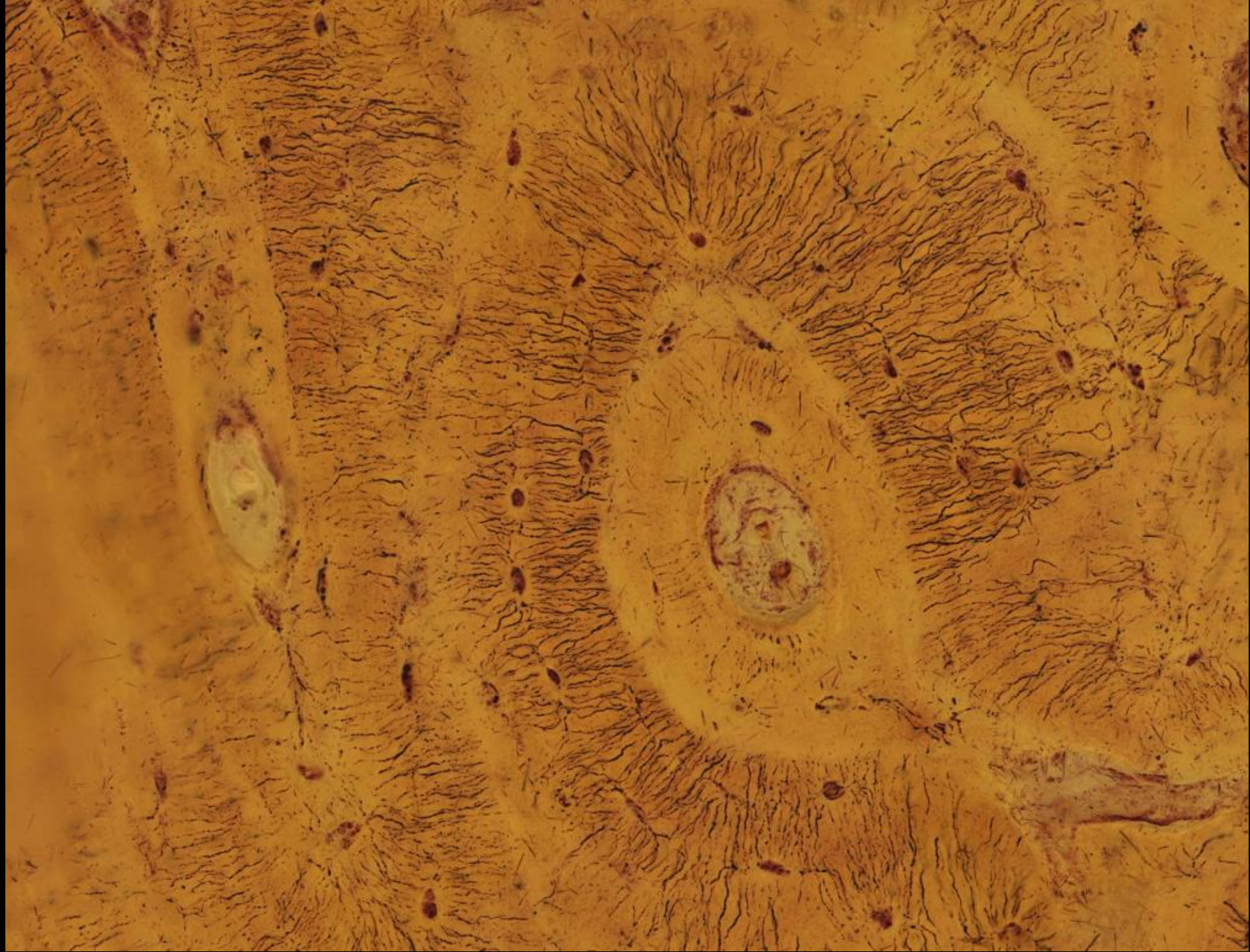
# Osteocyták



# Csont keresztmetszet







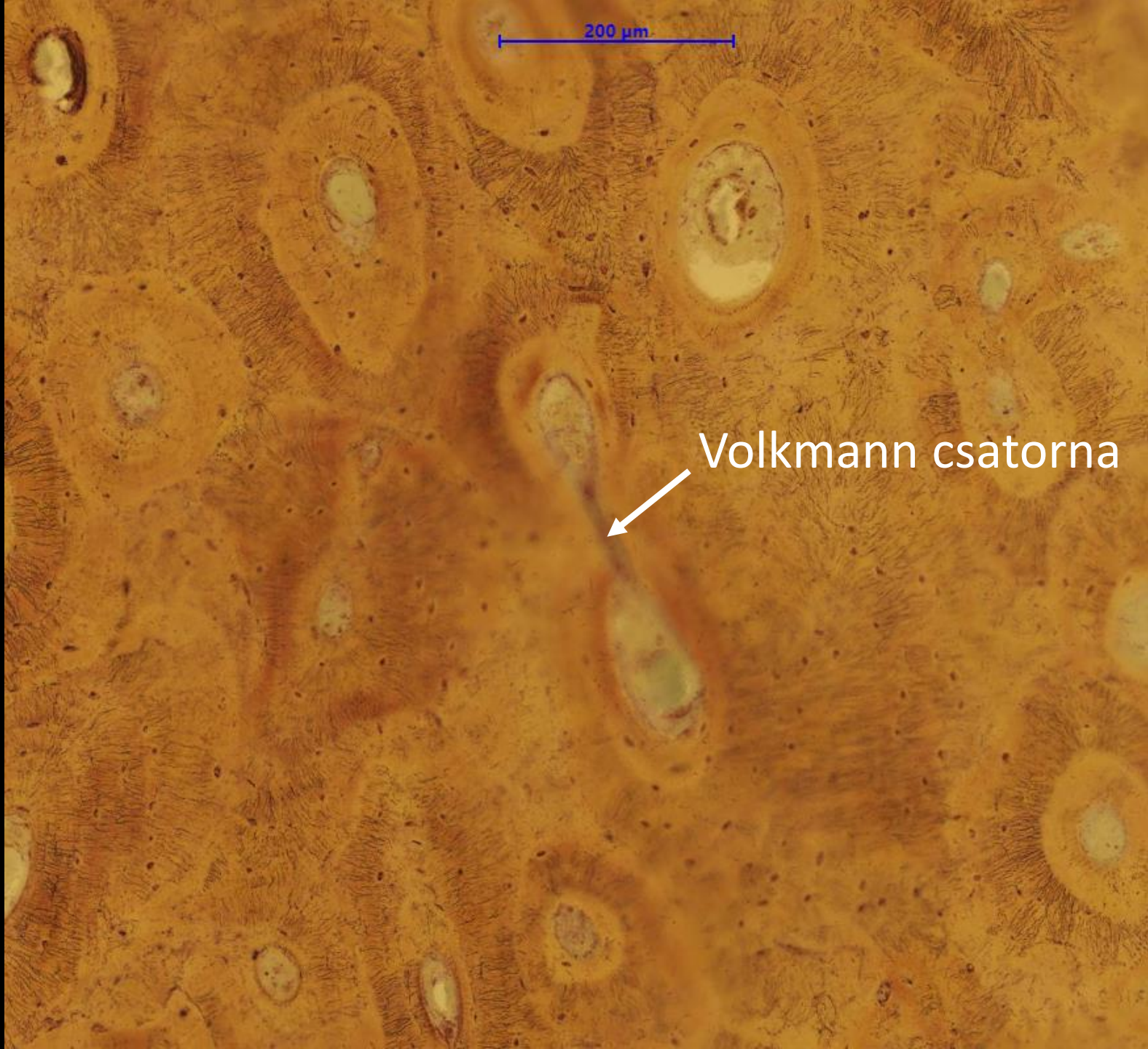


Laminae  
intercalares/interstitiales

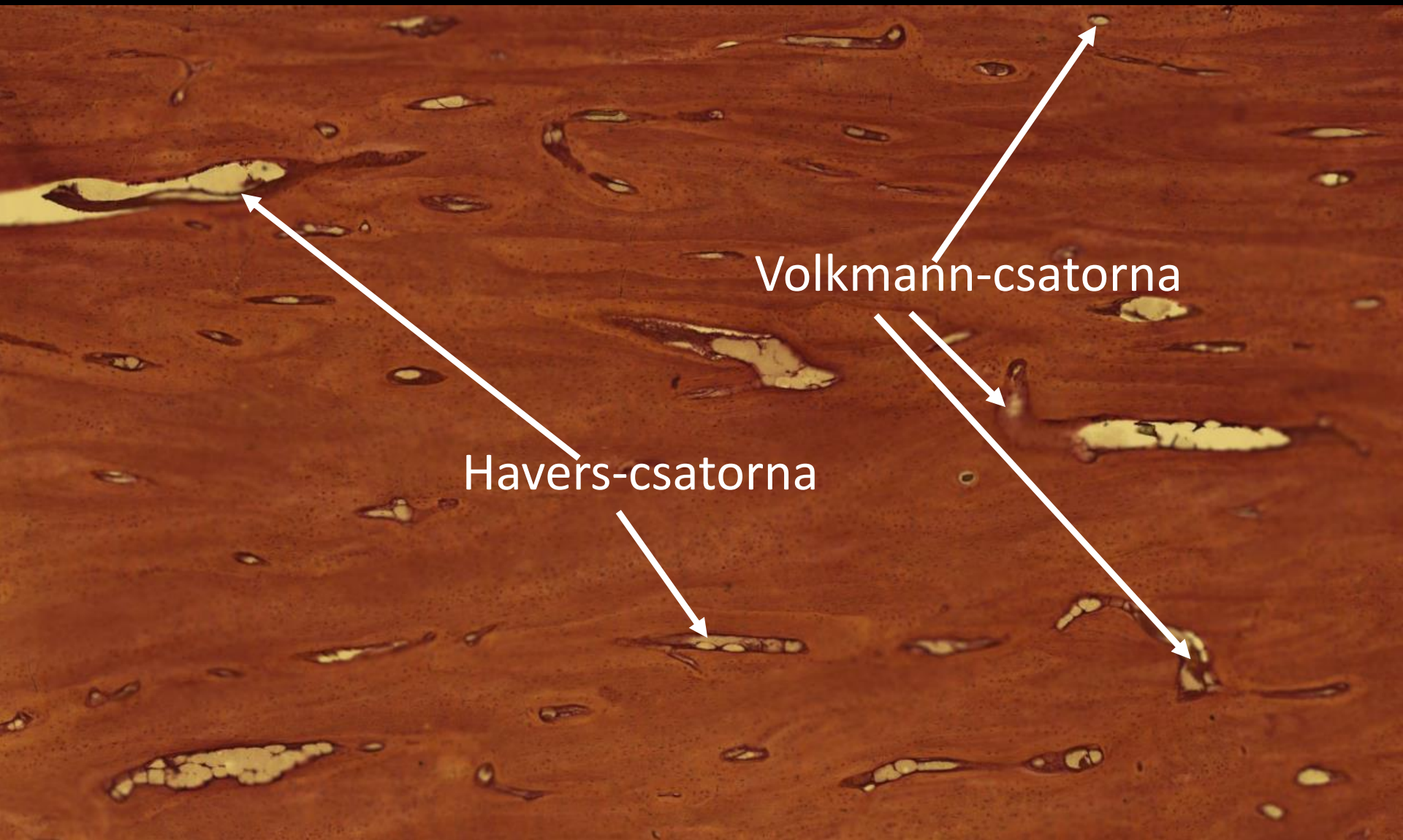


200  $\mu\text{m}$

Volkmann csatorna



# Csont hosszmetesztet



Volkmann-csatorna

Havers-csatorna

100 µm

Volkman-csatorna

Havers-csatorna

