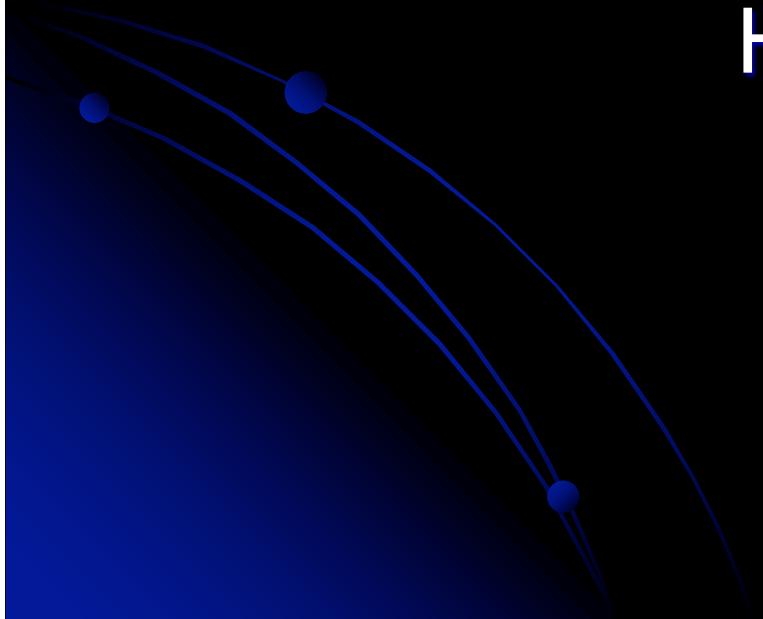
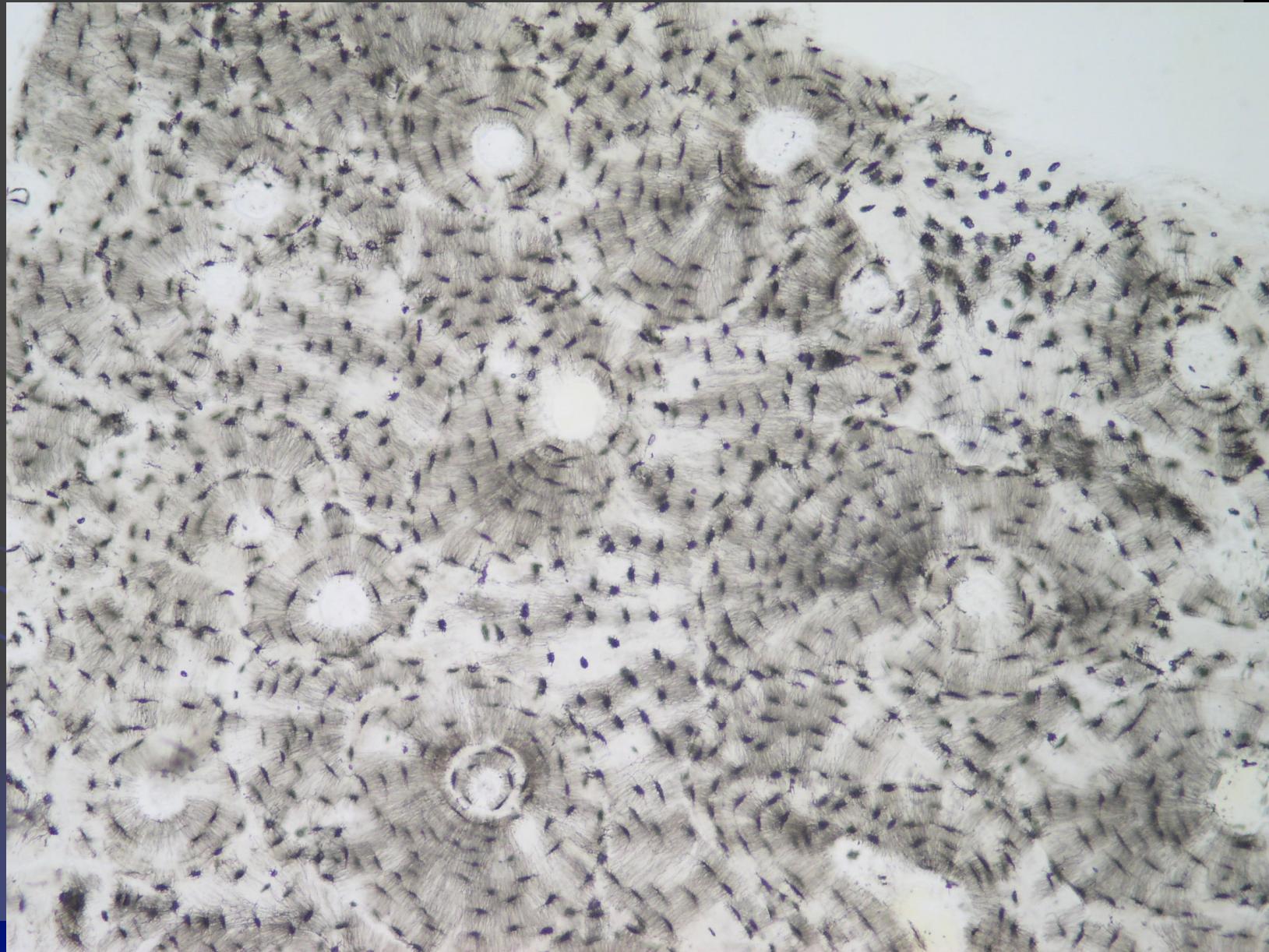


Bone & Cartilage

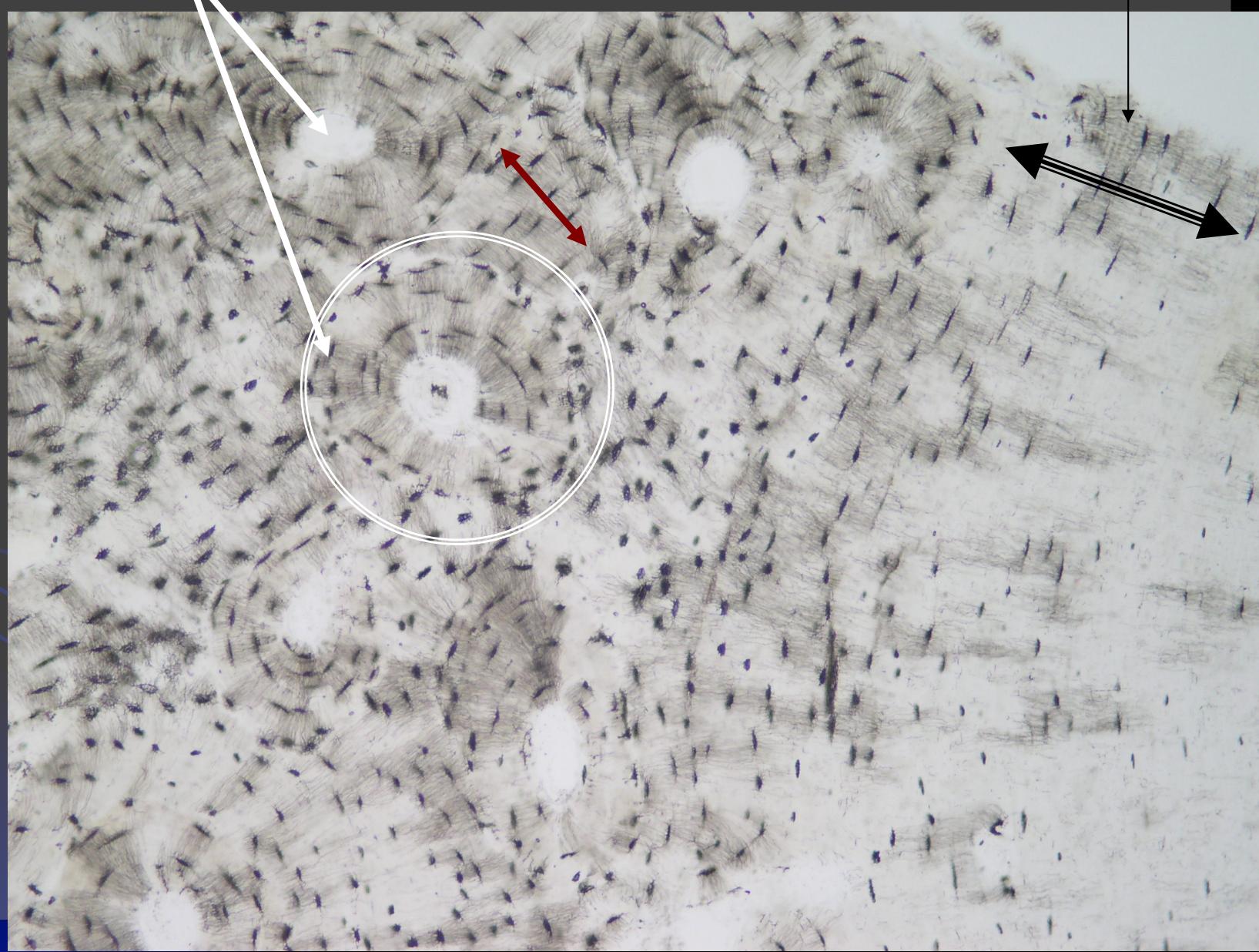
Histology Lab.



Compact Bone-ground

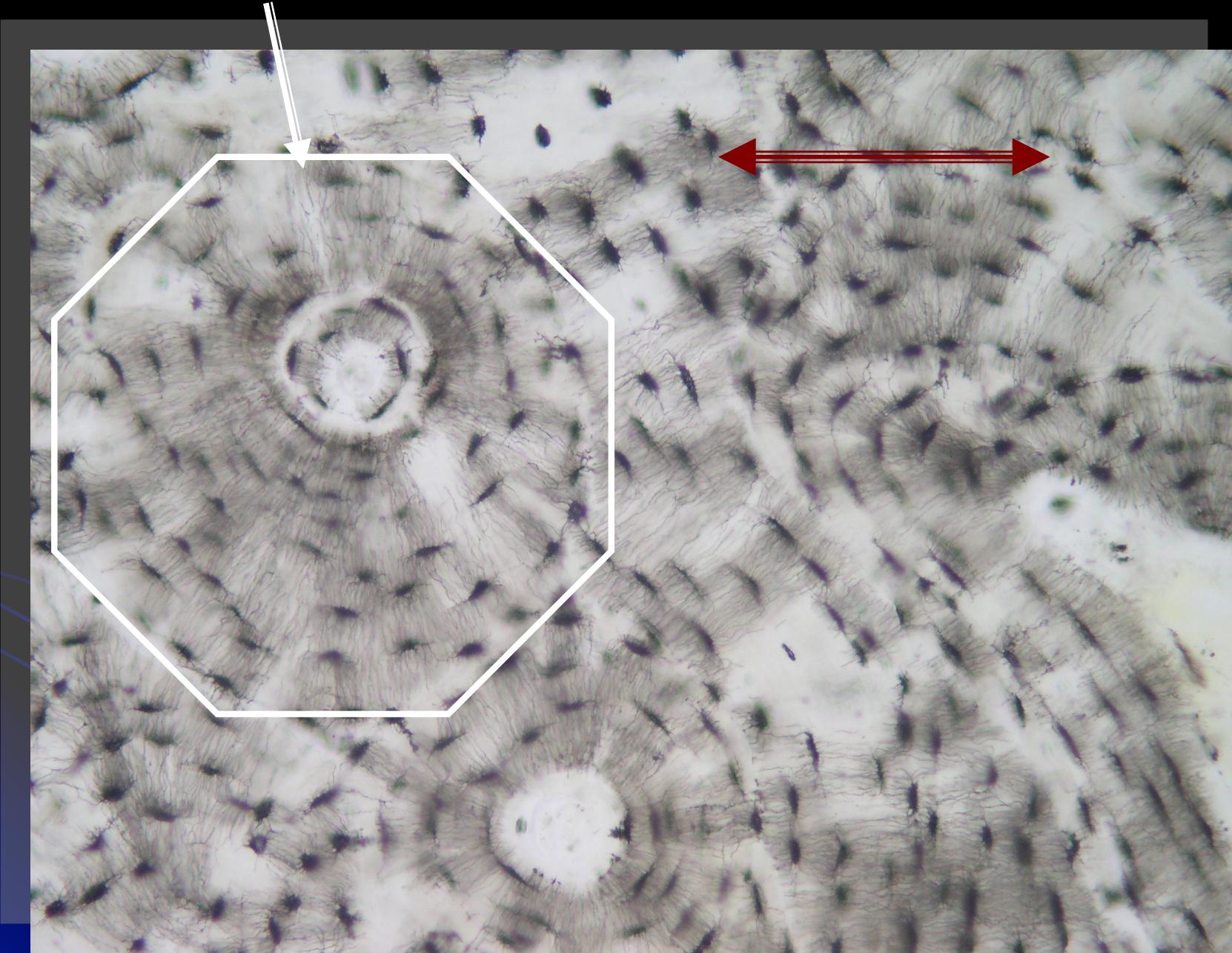


Osteons outer circumferential lamellae

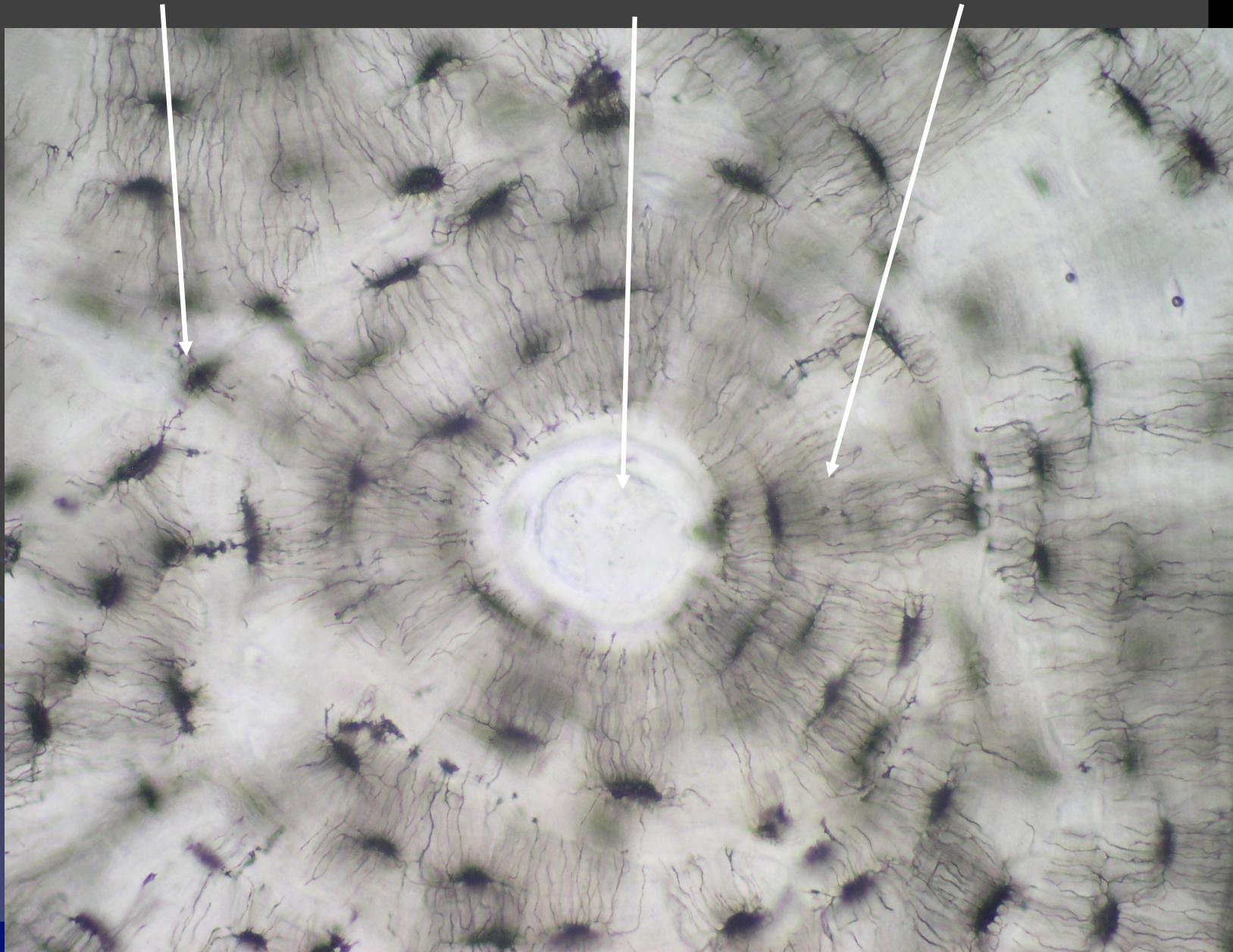


Osteon

interstitial lamellae



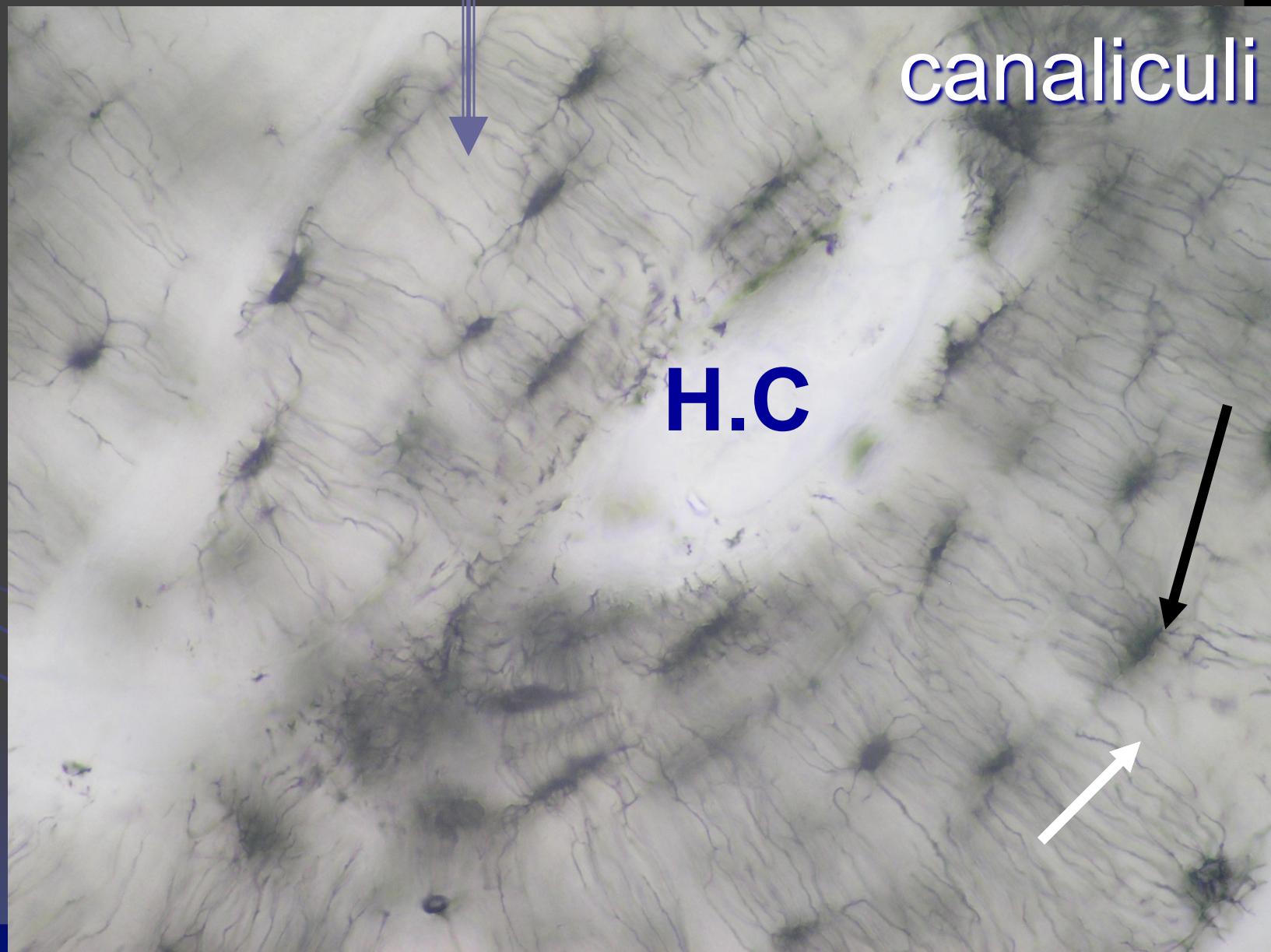
Lacuna Haversian canal canaliculi



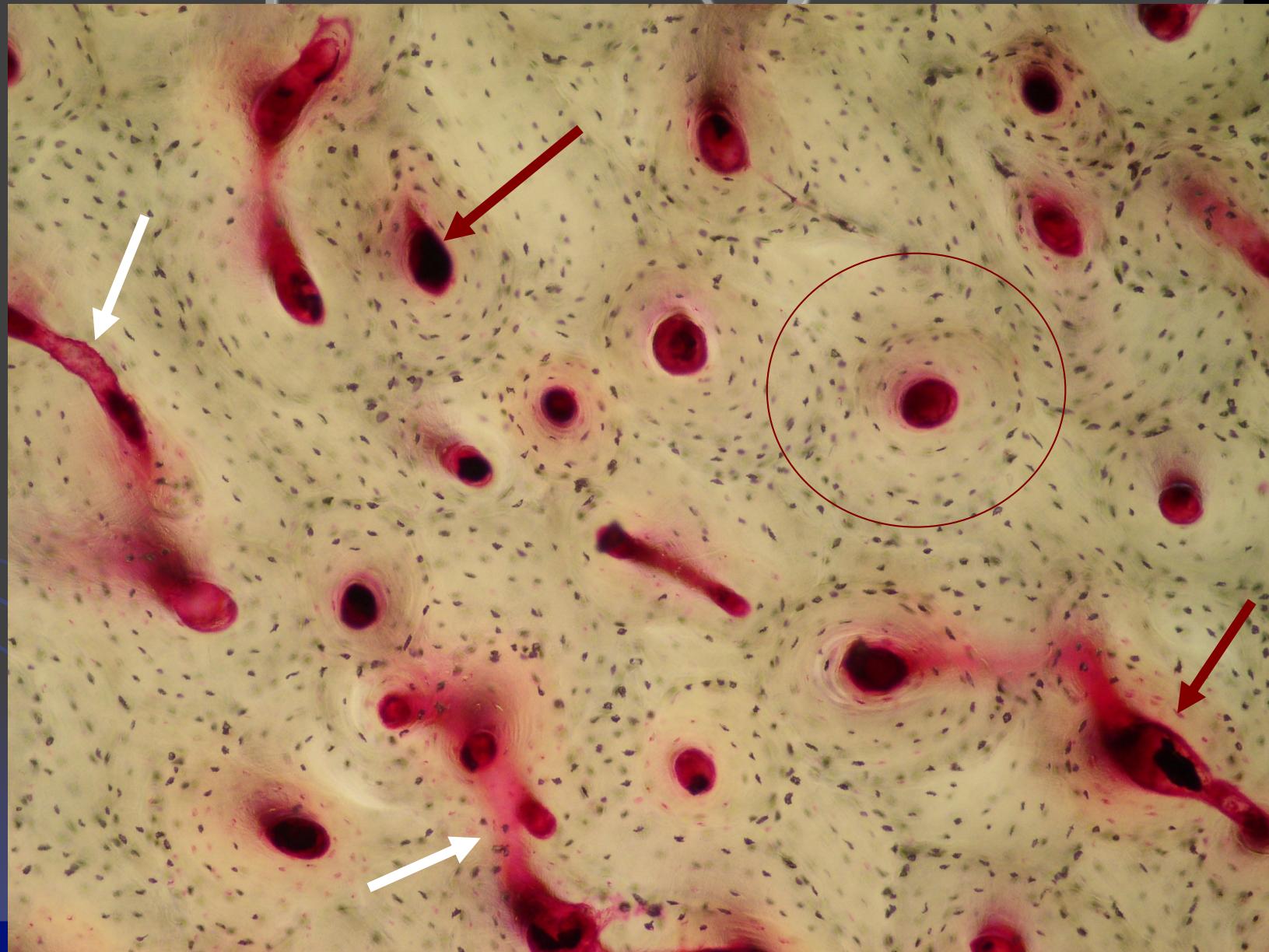
lamellae

canalliculi

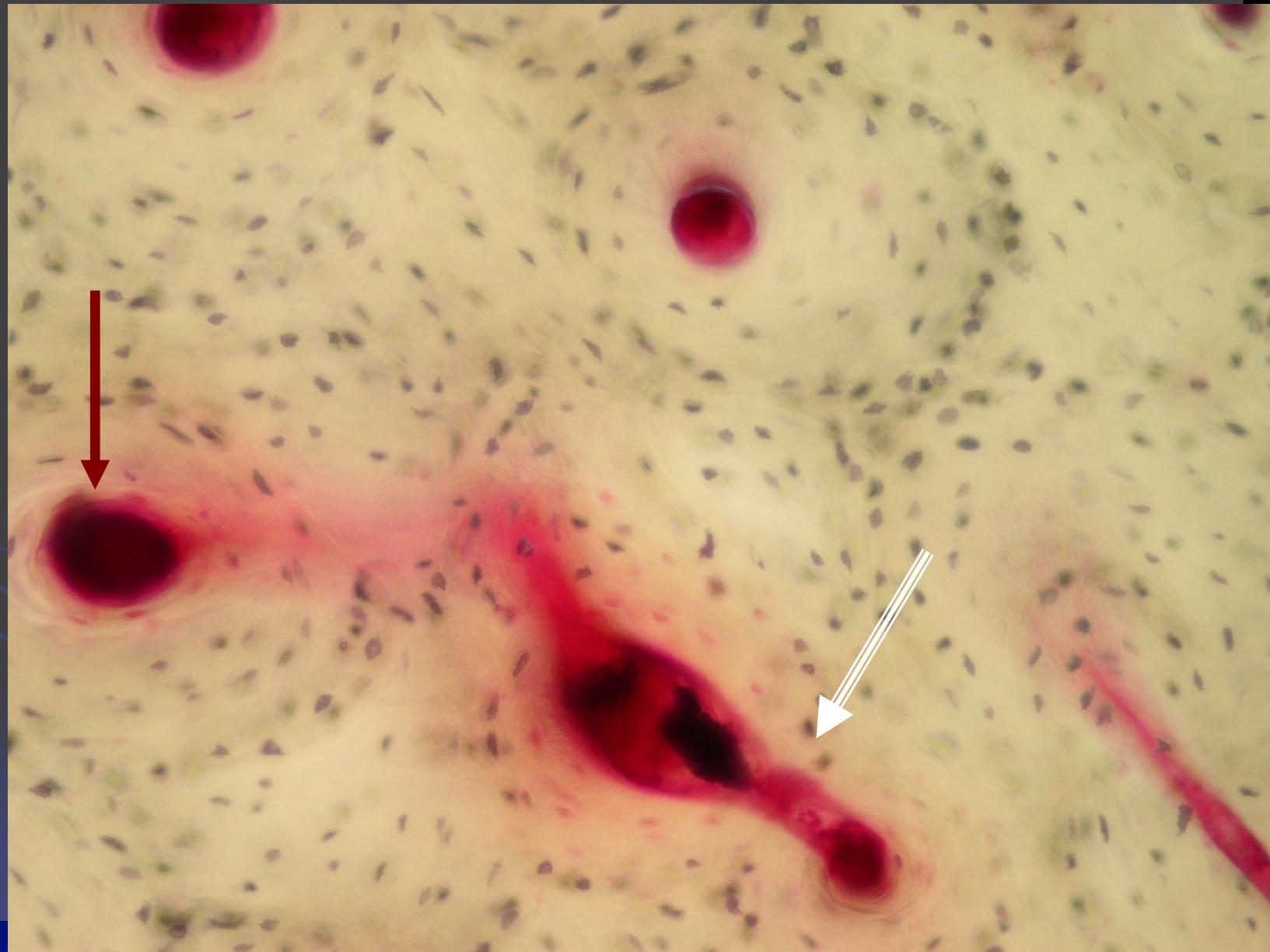
H.C



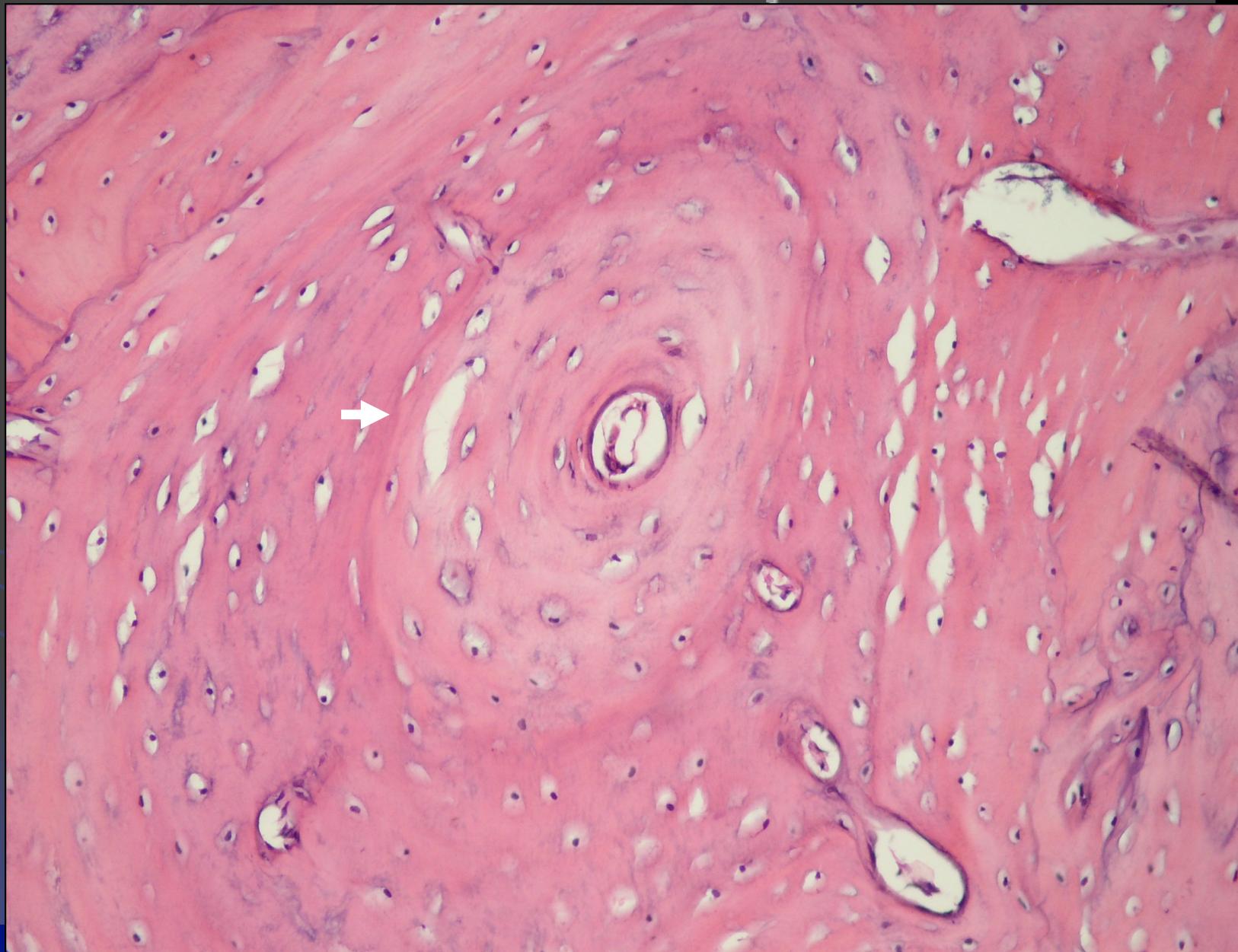
Compact bone(injected ink)



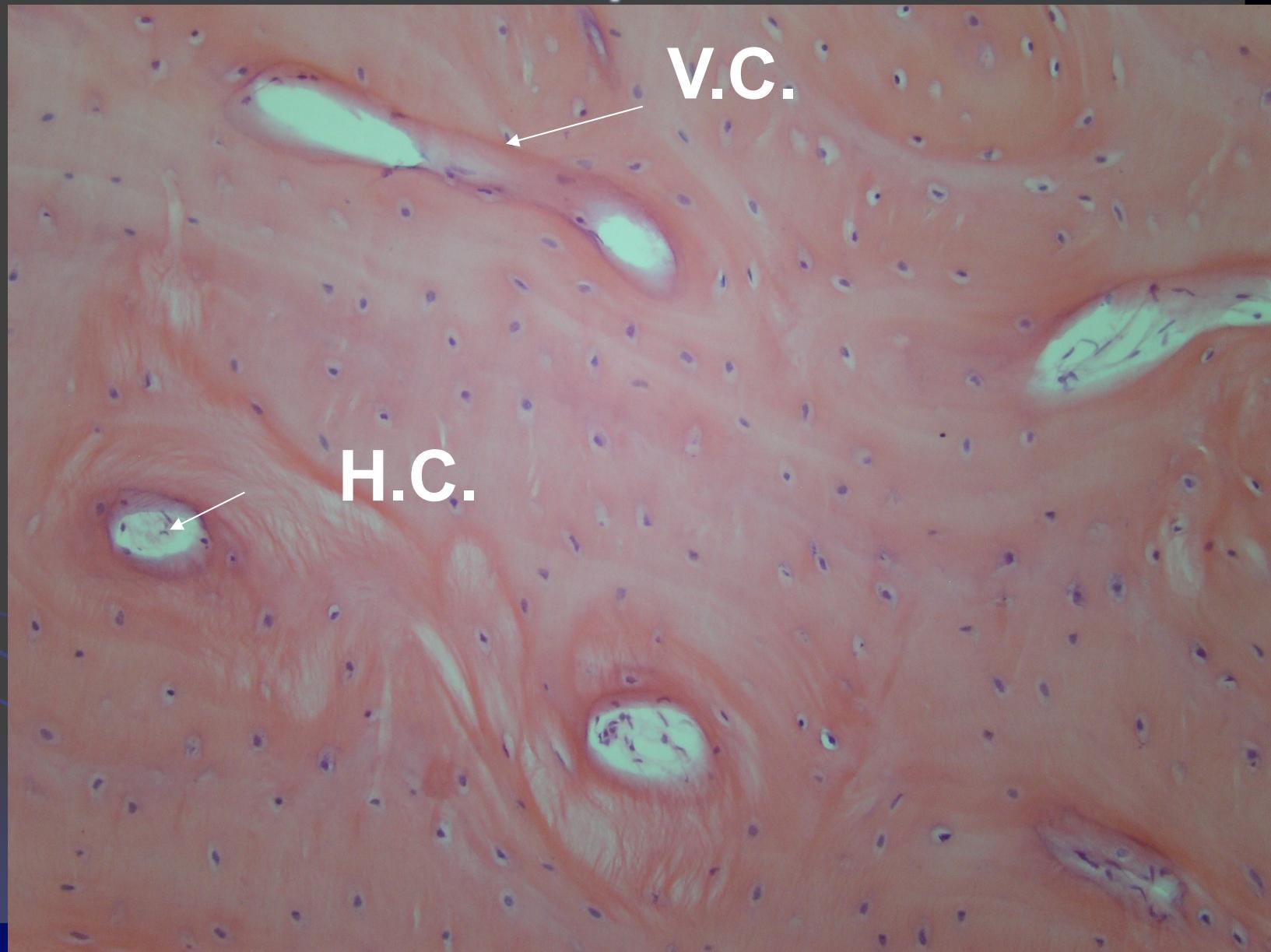
Haversian&Volkman's canal



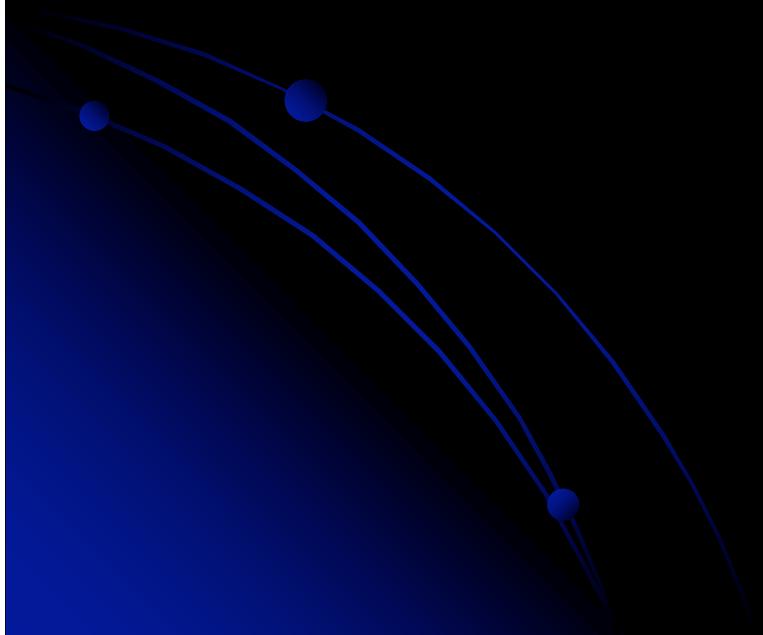
Decalcified compact bone



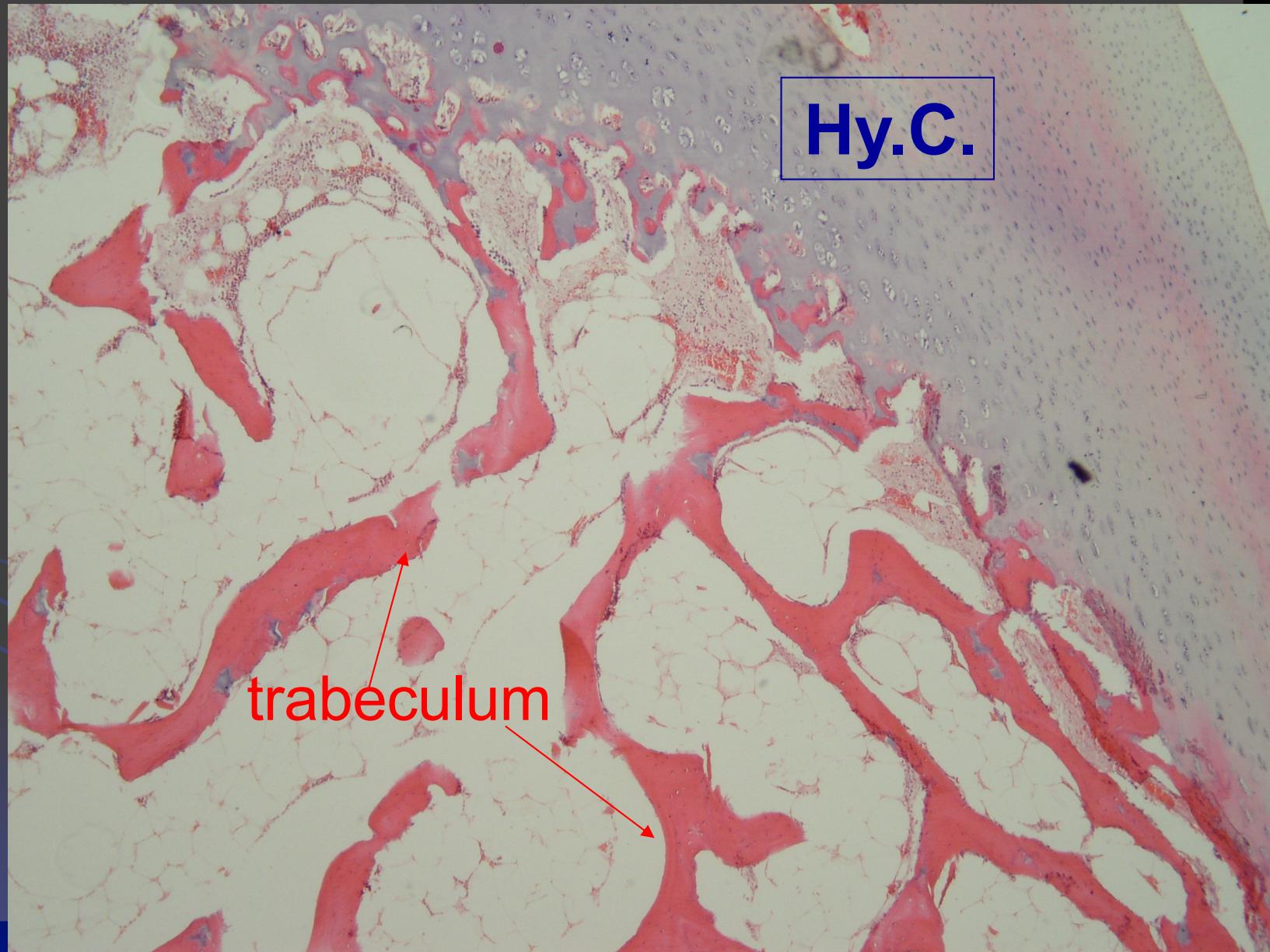
compact bone



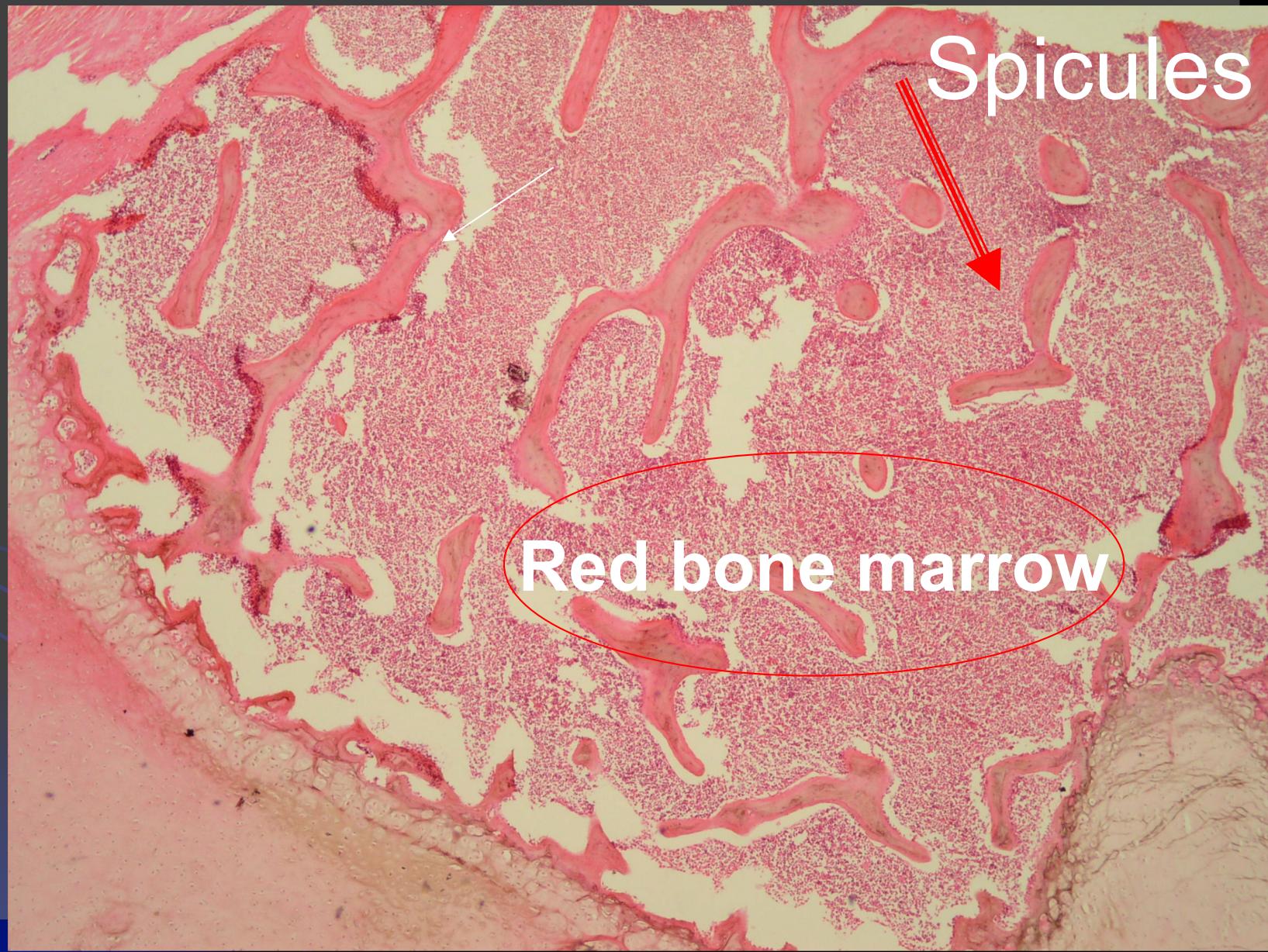
Spongy bone=cancellous bone



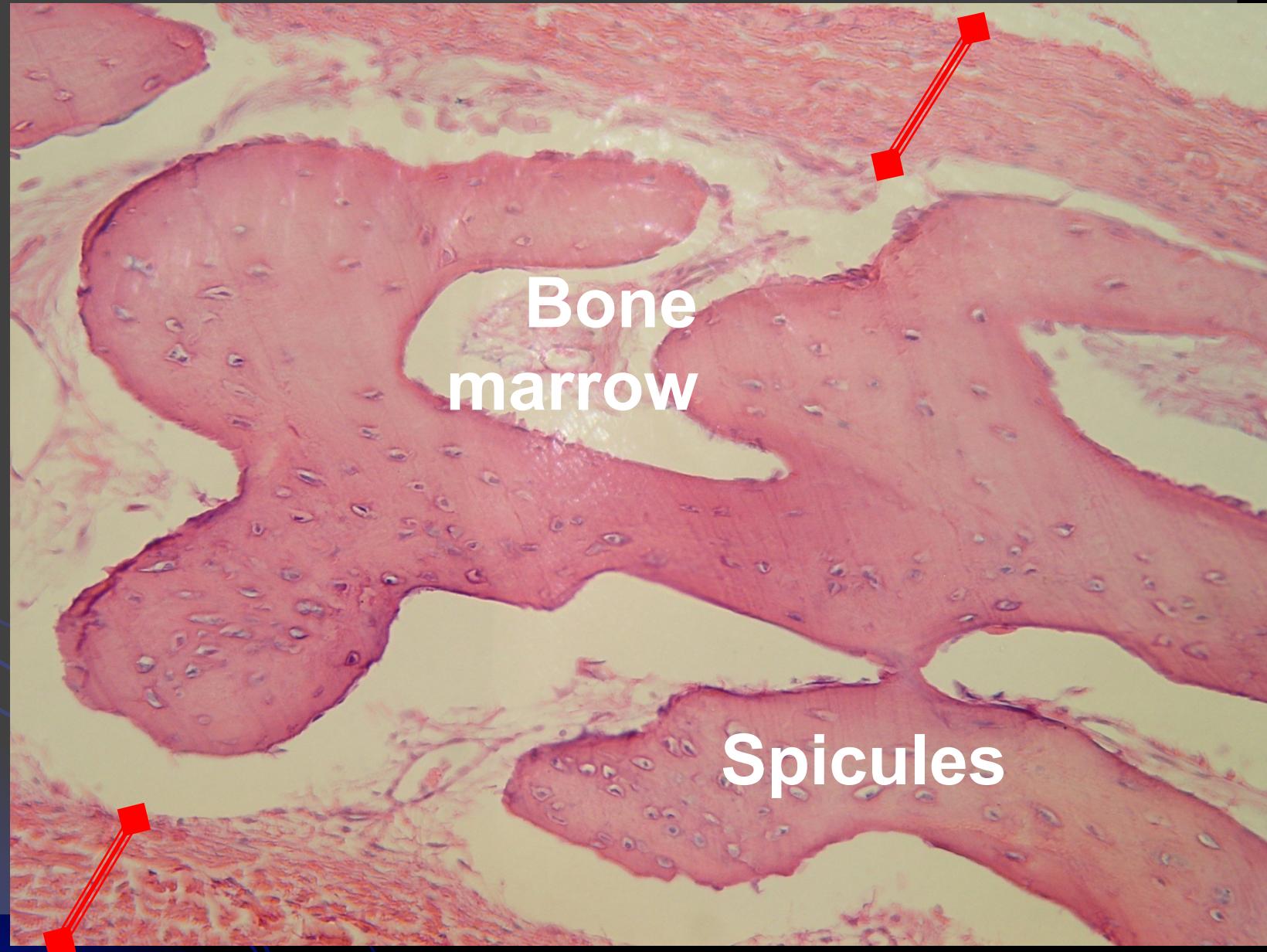
Spongy Bone(articular surface)



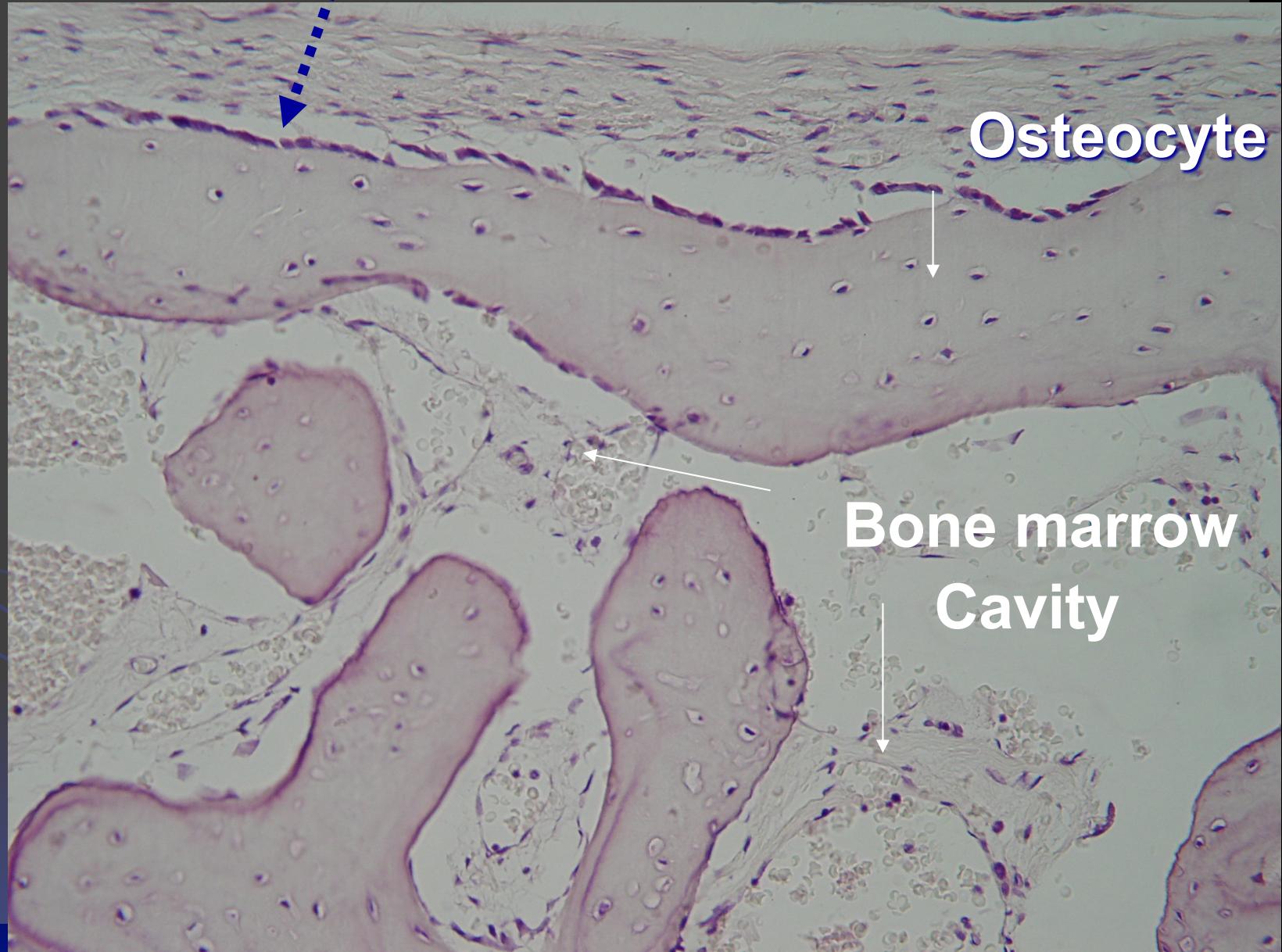
vertebrae

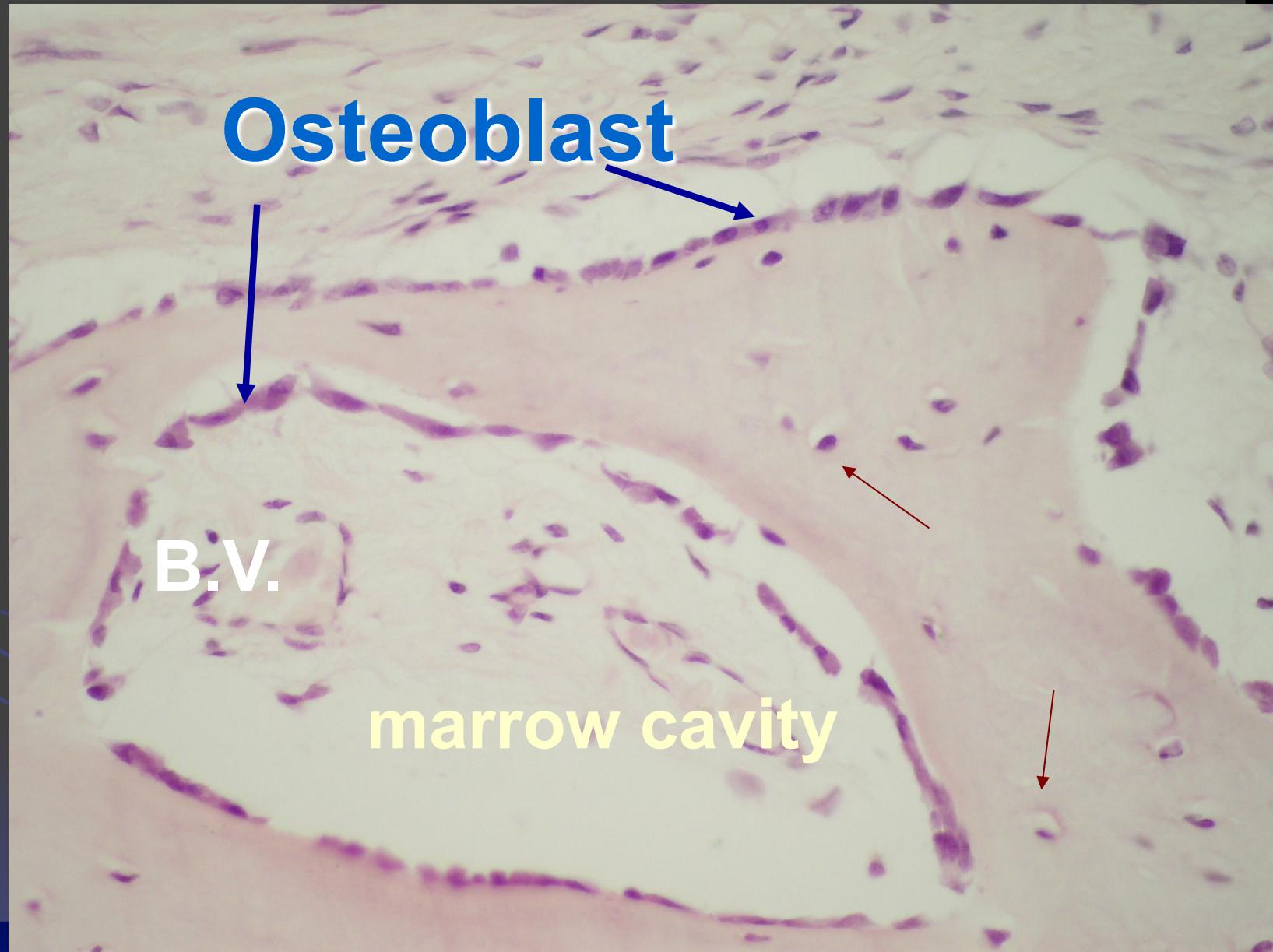


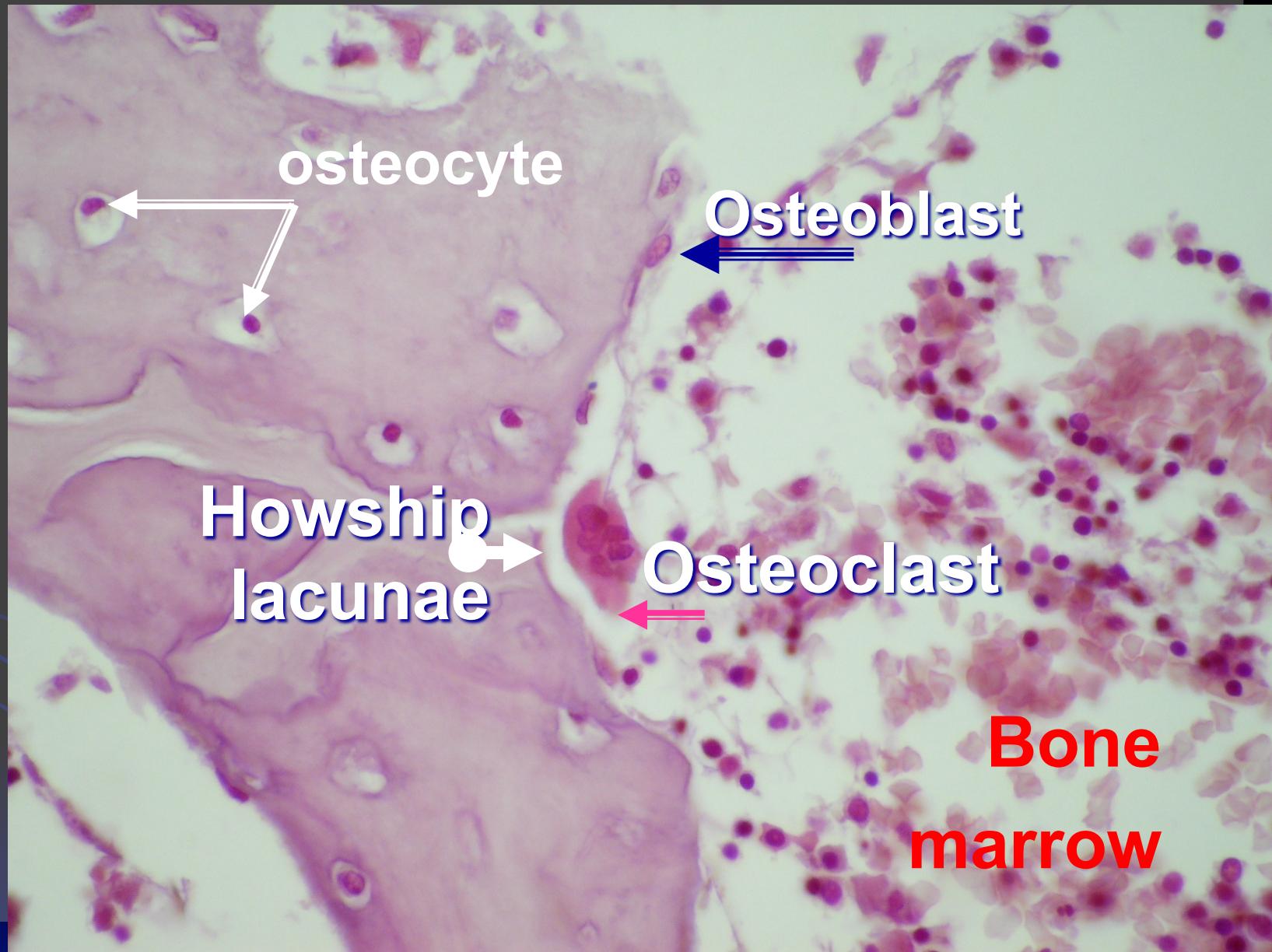
Mesenchyme C.T



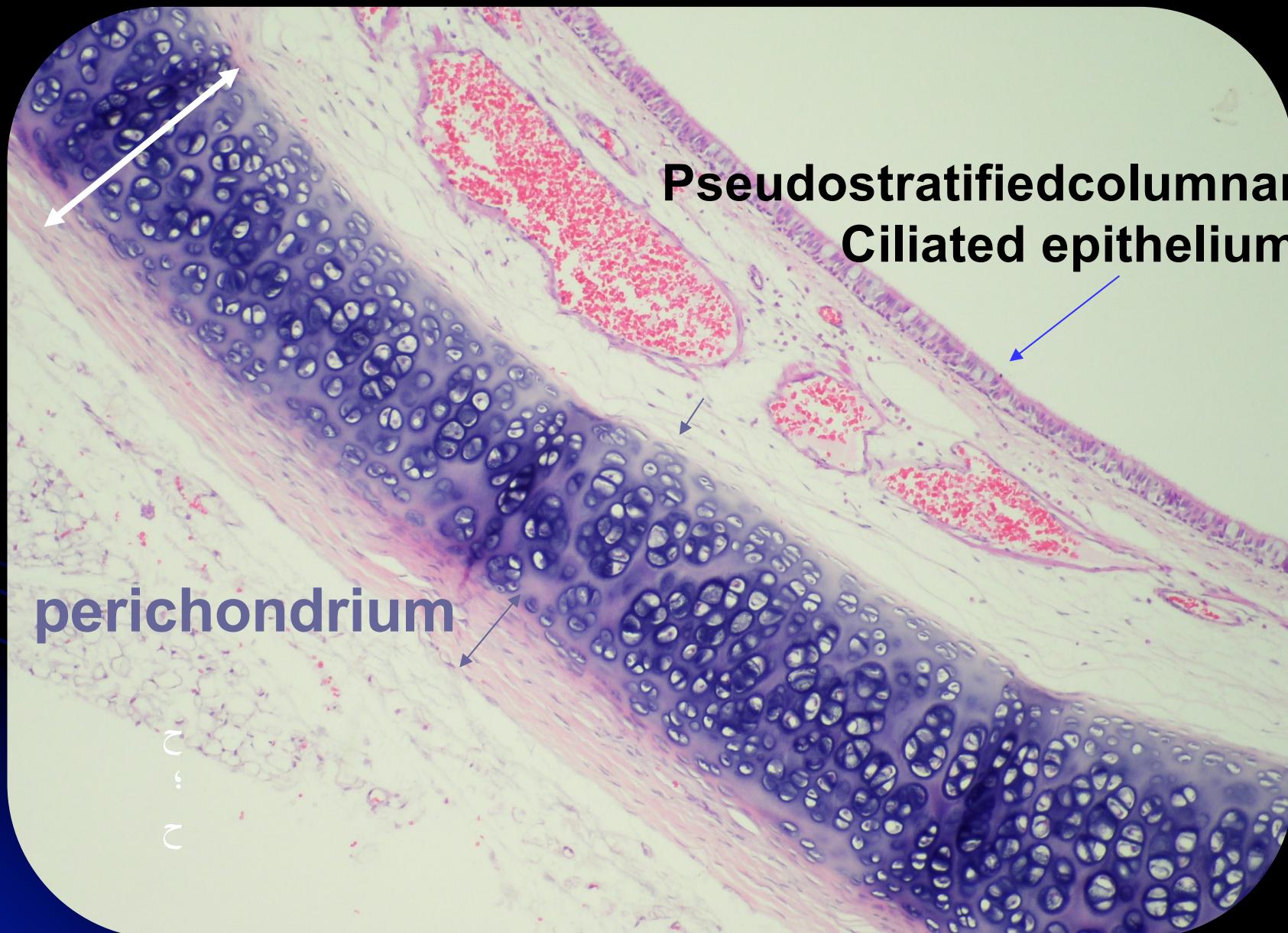
Osteoblast cell



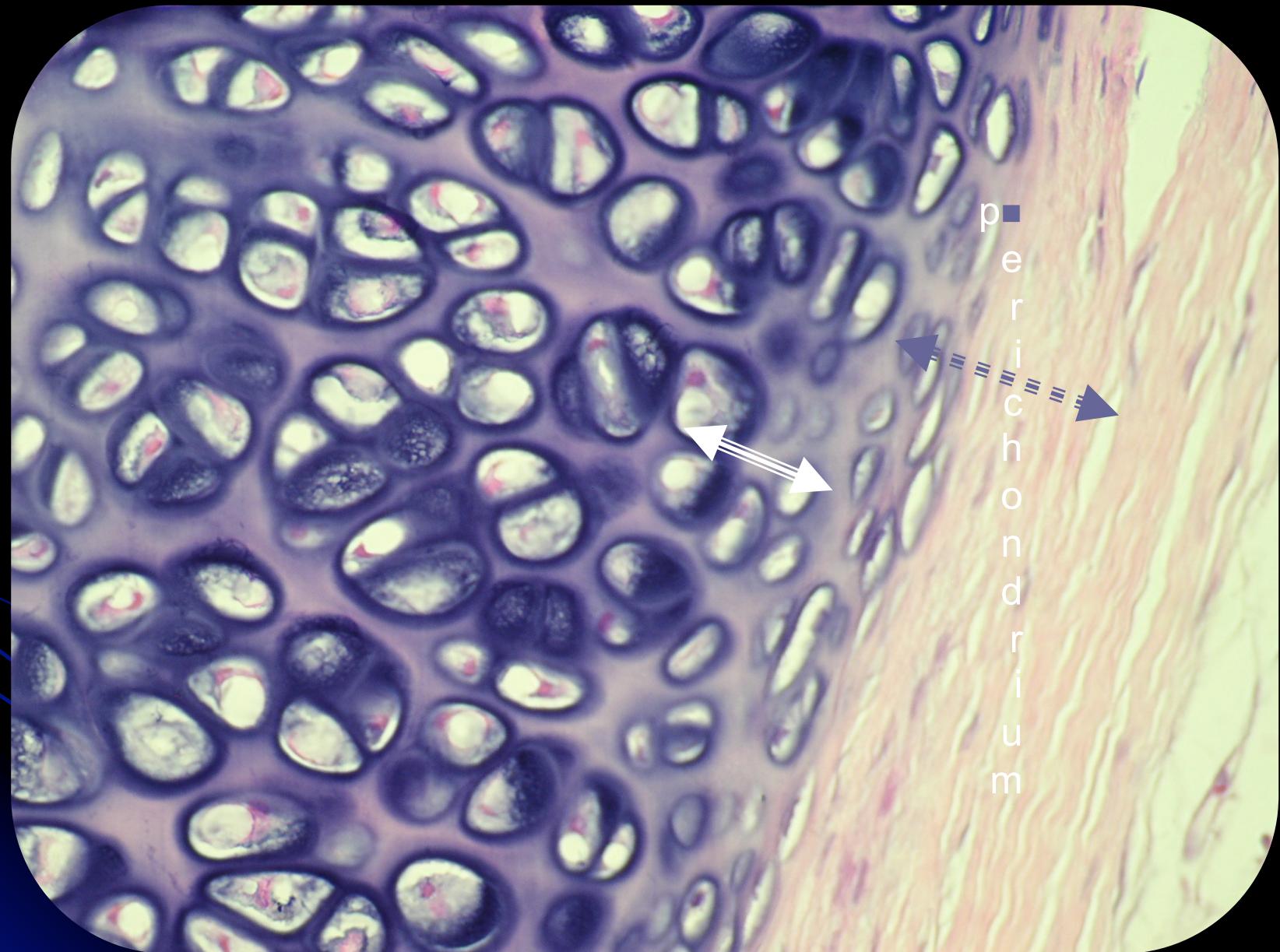




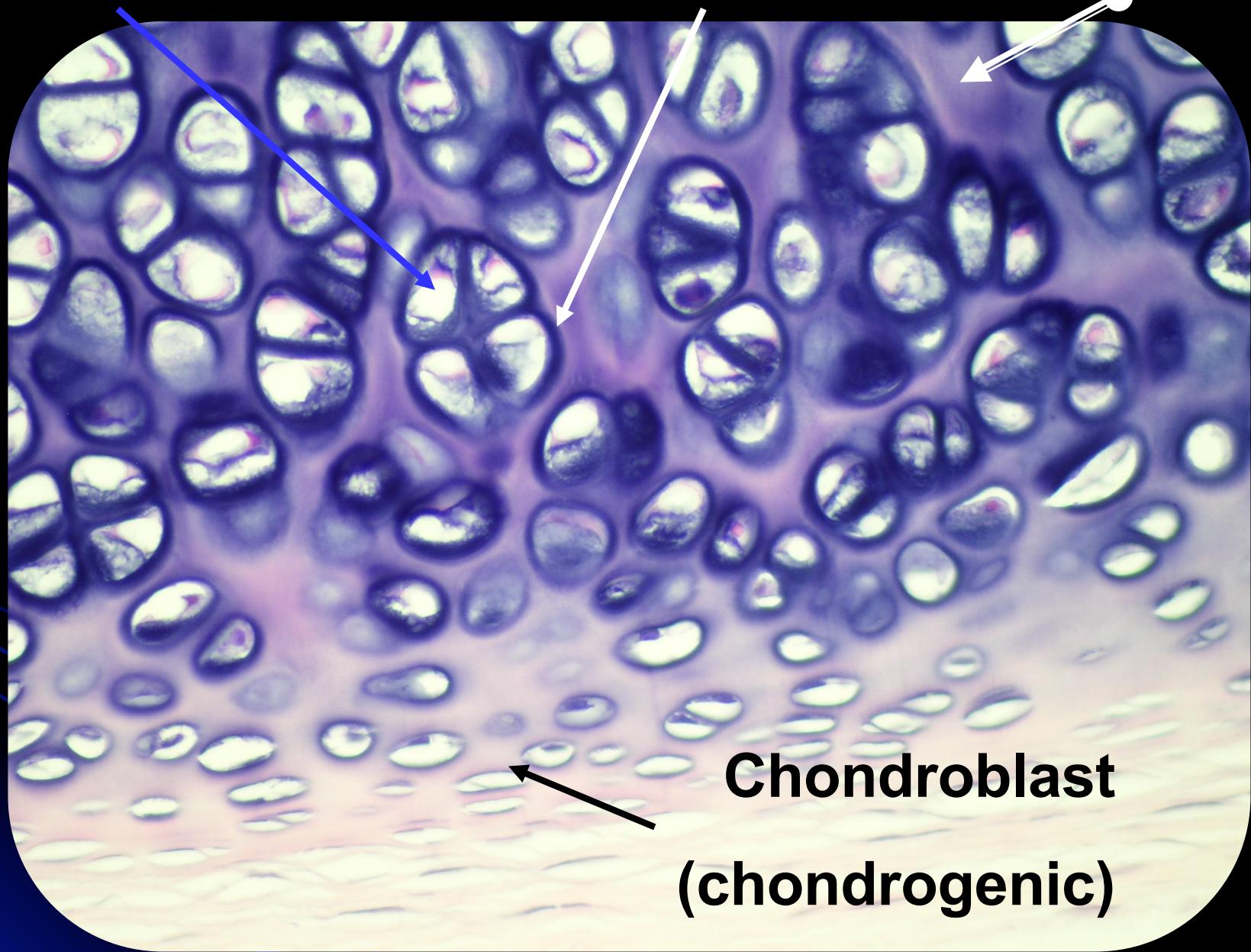
Hyaline Cartilage(e.g :Trachea)



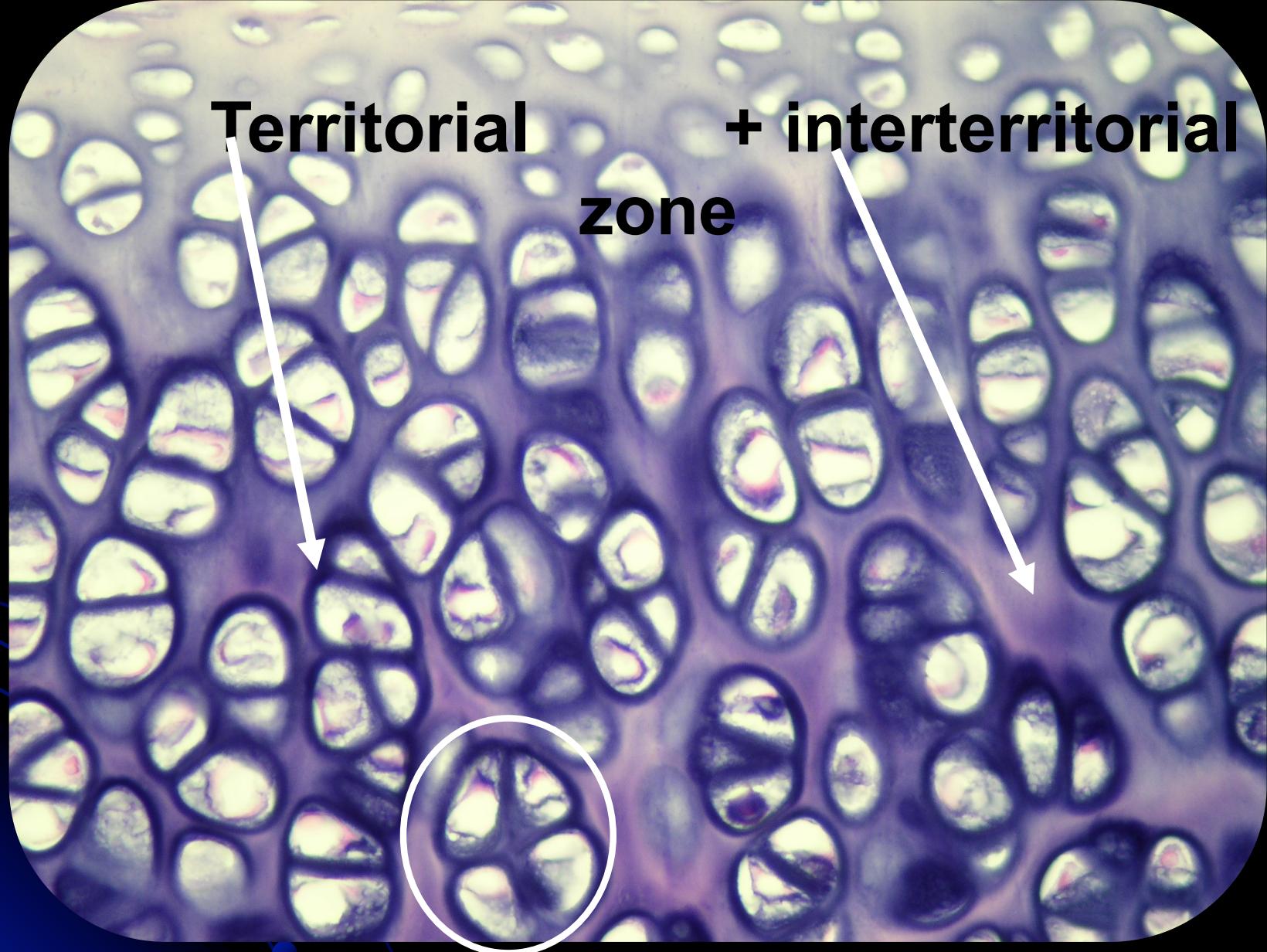
Perichondrium: fibrous + Cellular



Chondrocyte in lacunae: Territorial+ interterritorial



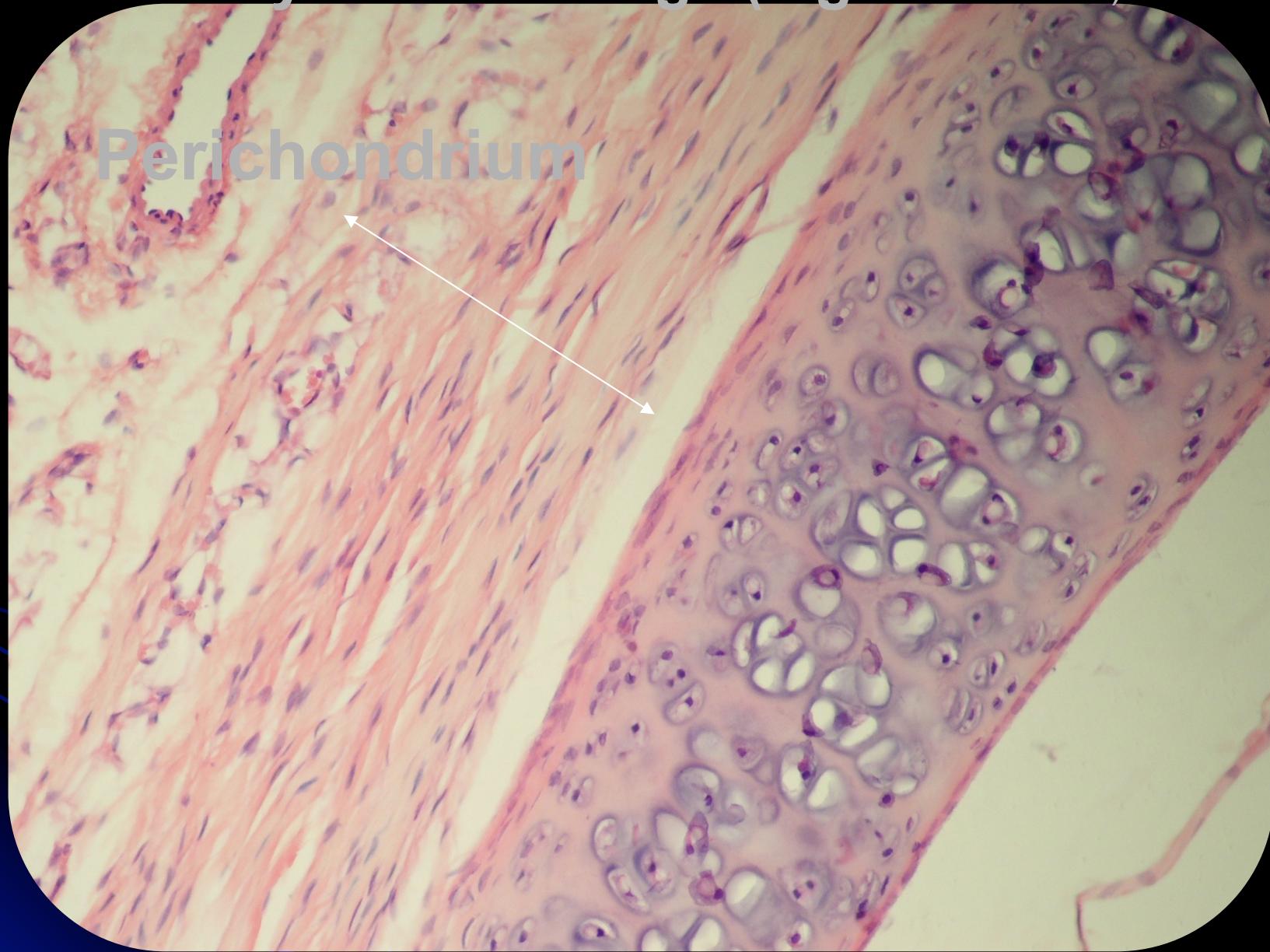
**Chondroblast
(chondrogenic)**

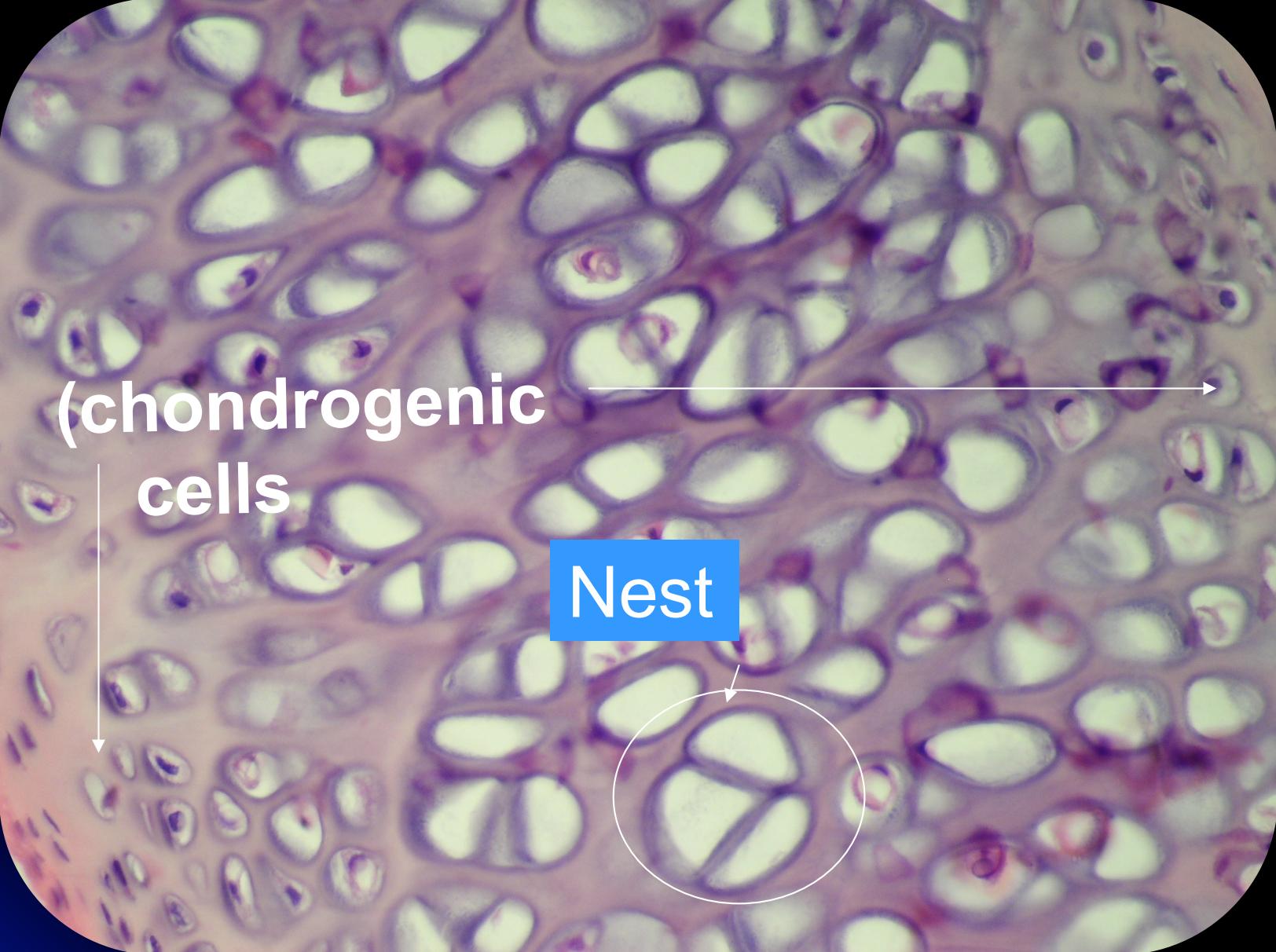


Territorial + interterritorial
zone

Nest

Hyaline Cartilage (e.g :Trachea)

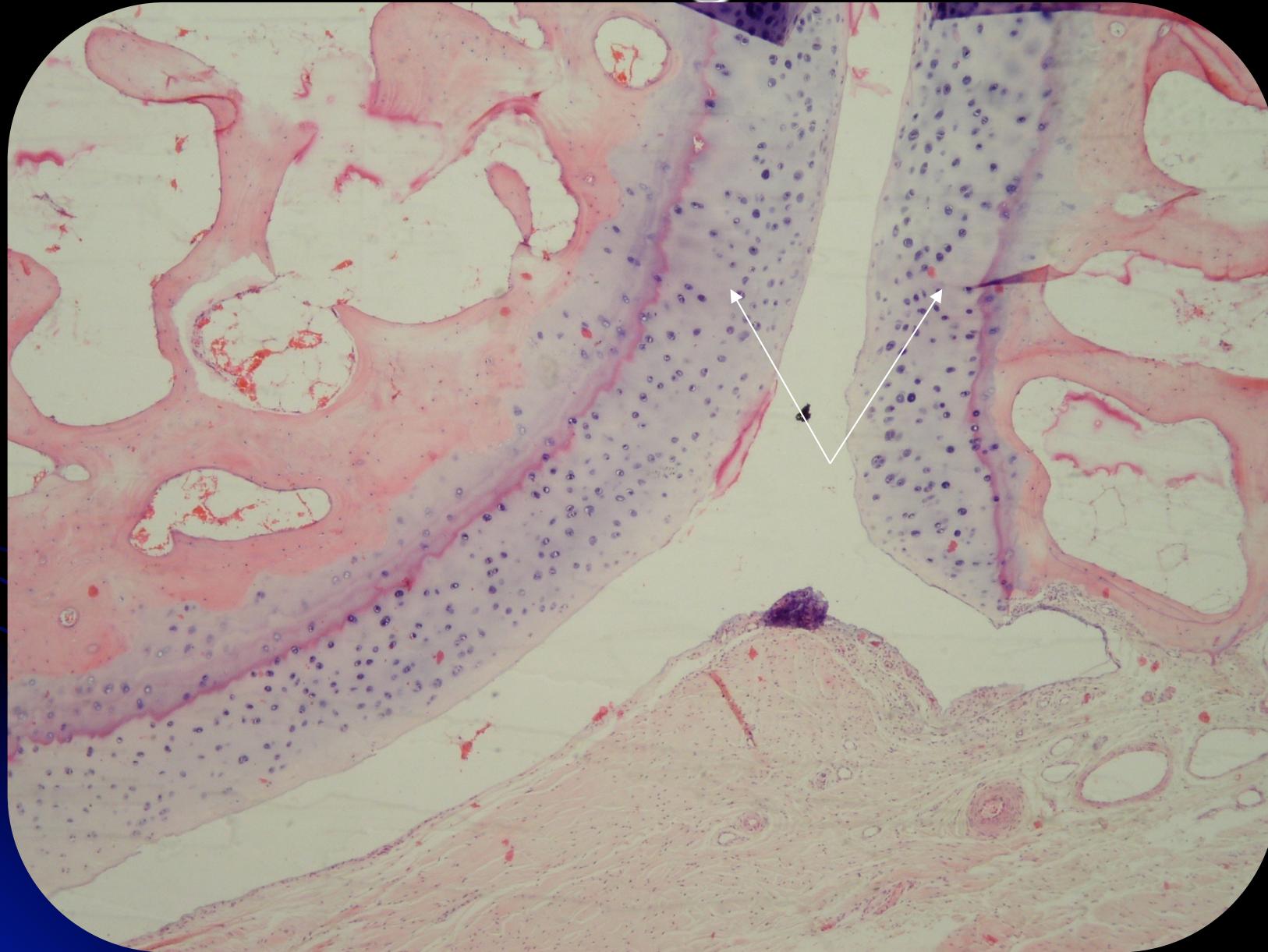




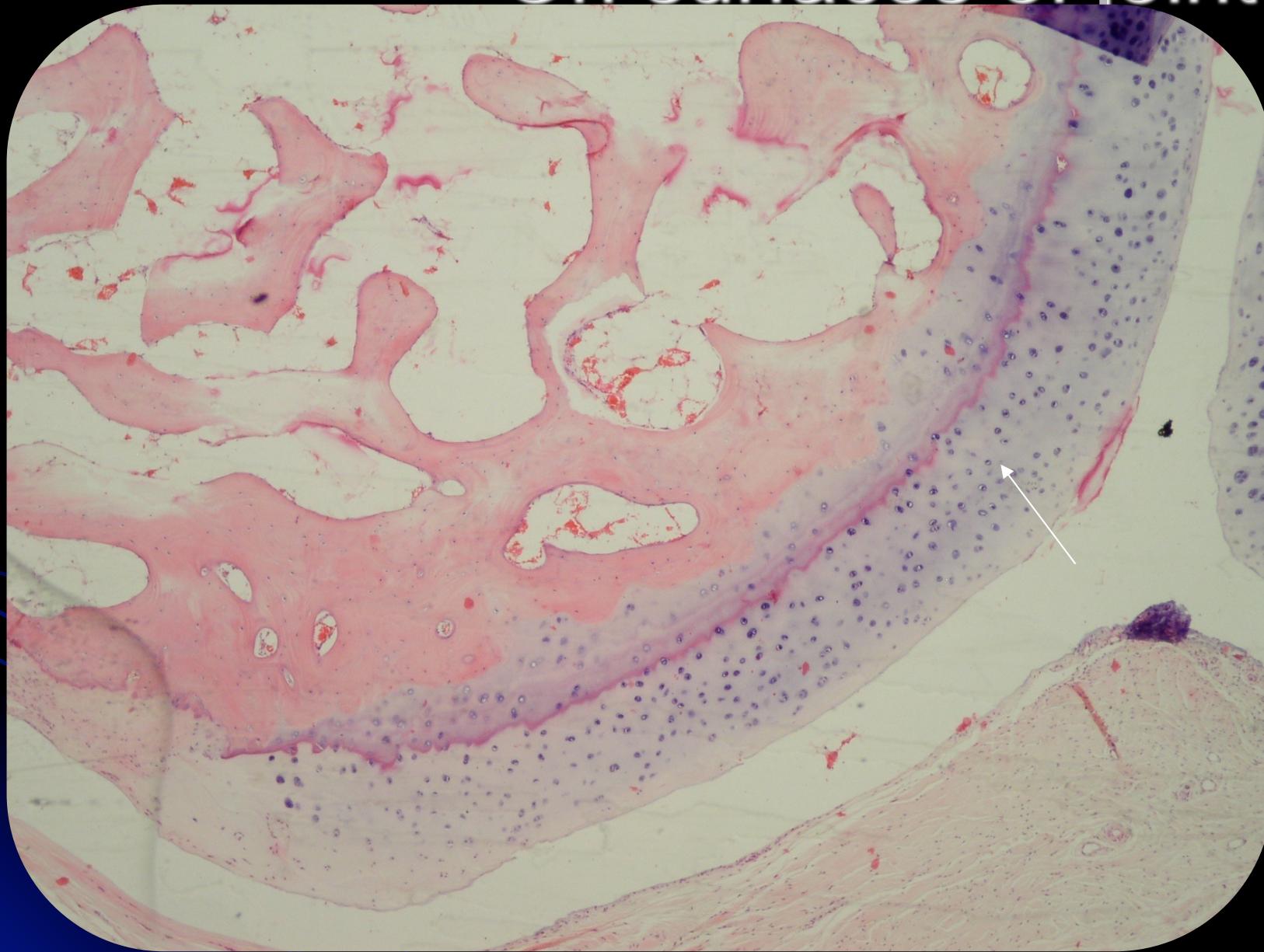
(chondrogenic
cells

Nest

Articular cartilage On surfaces of jo



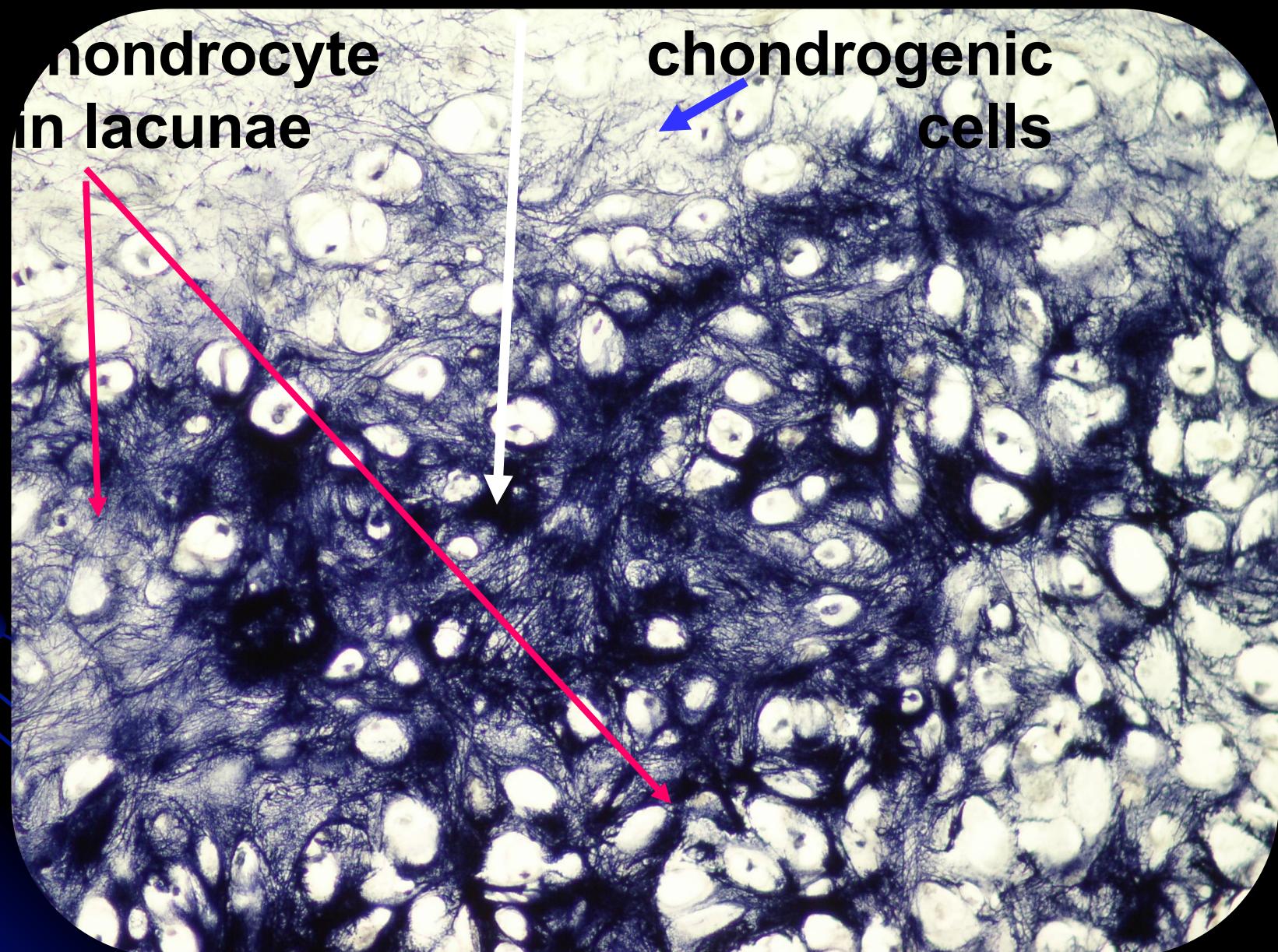
On surfaces of joint

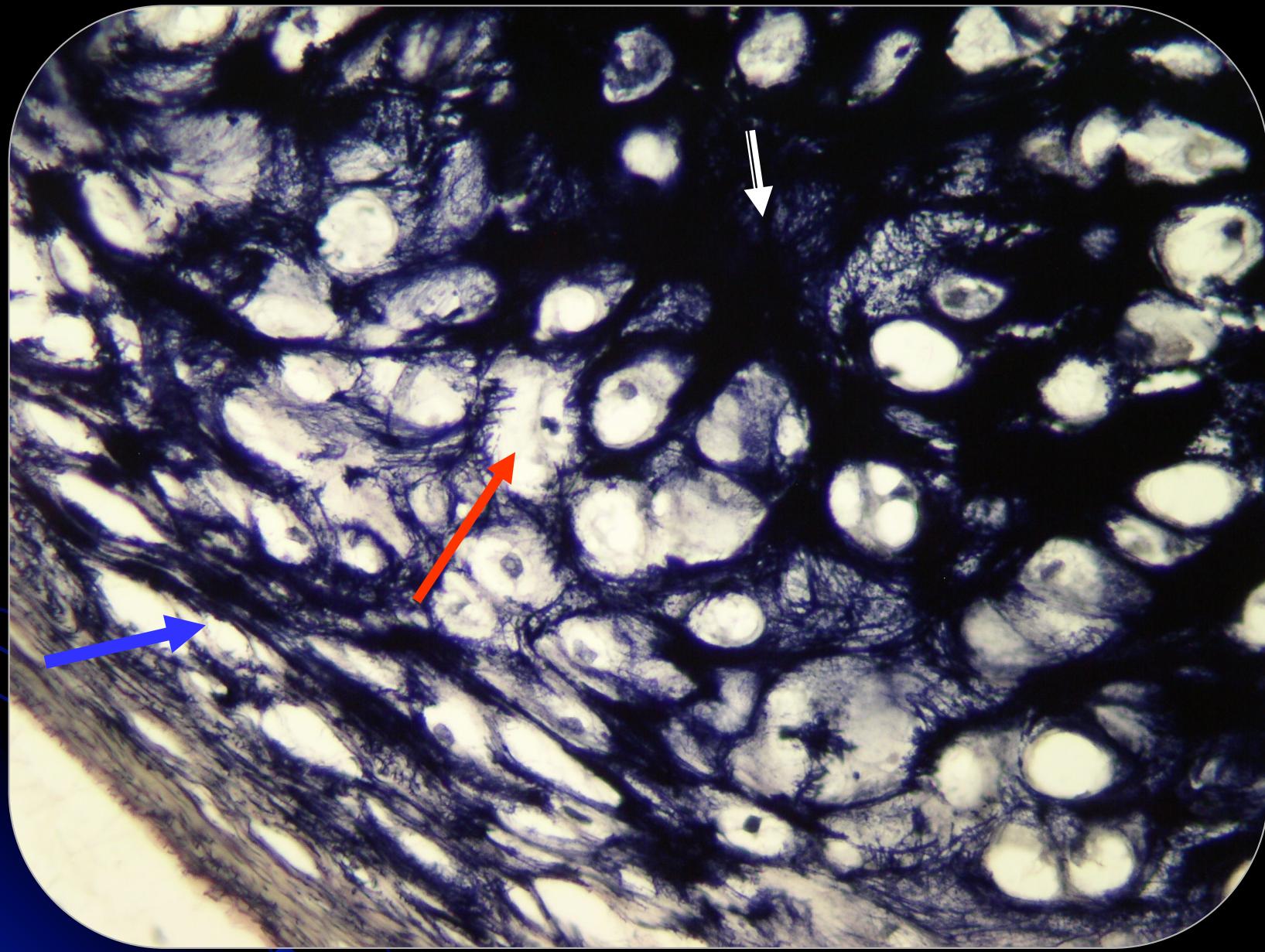


Elastic Cartilage:

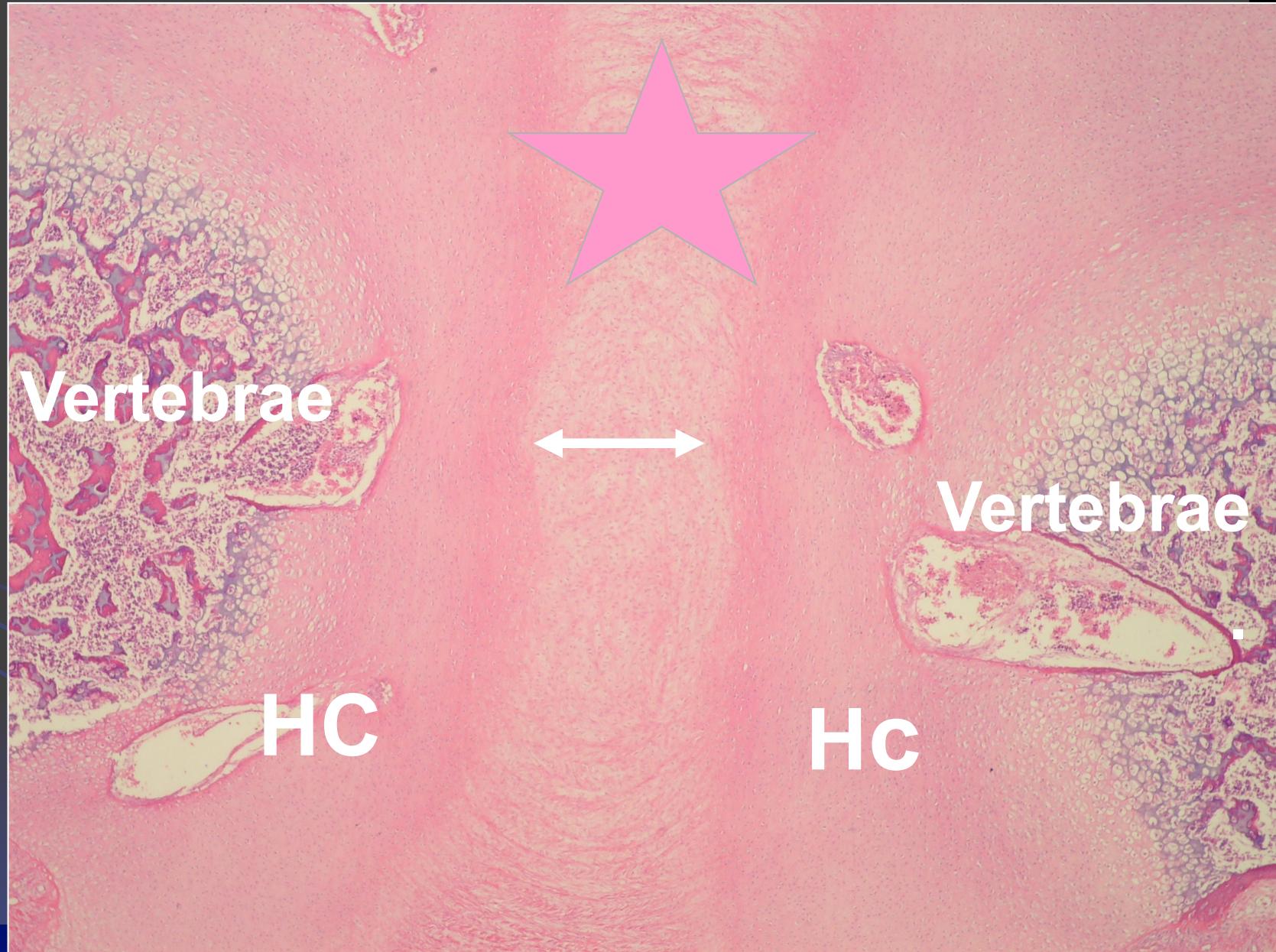


Elastic fibers





Fibrocartilage:intervertebral disc



Collagen

Chondrocyte in lacunae

