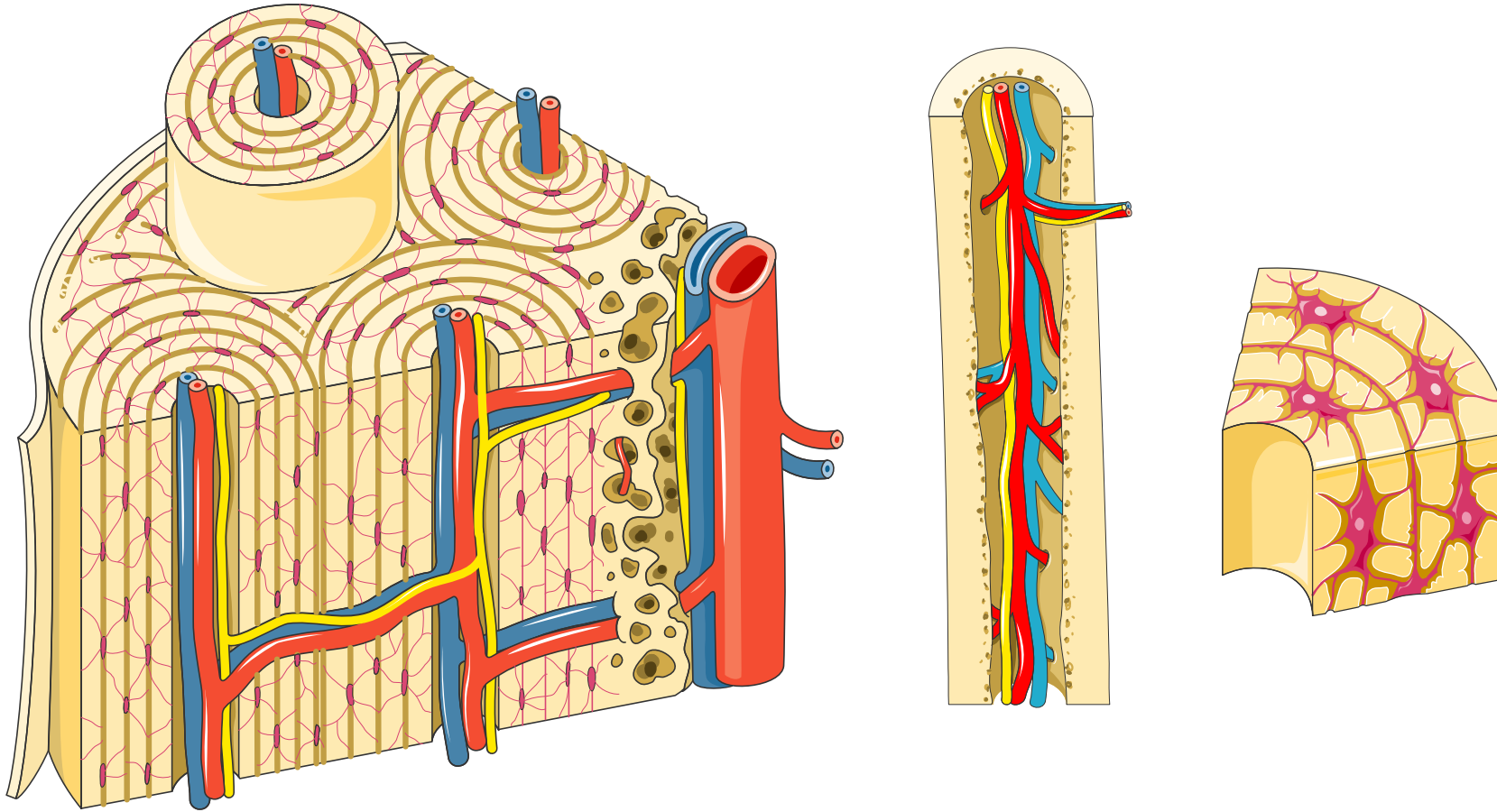
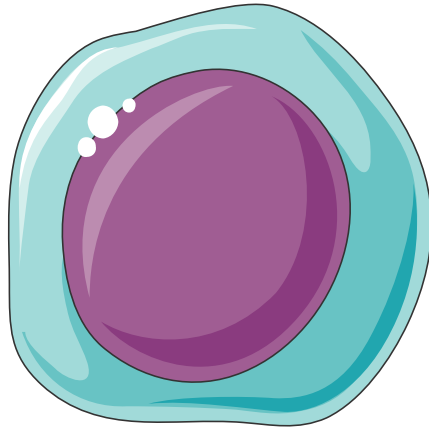
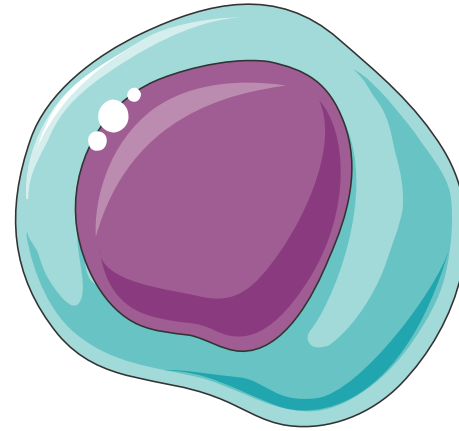
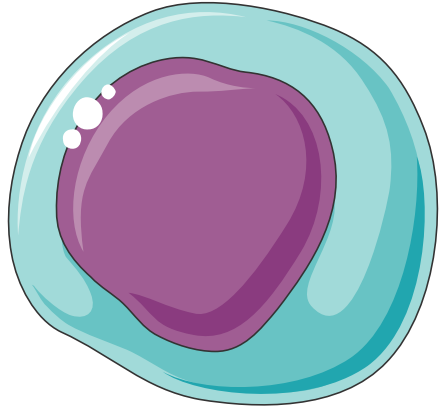


Bone structure

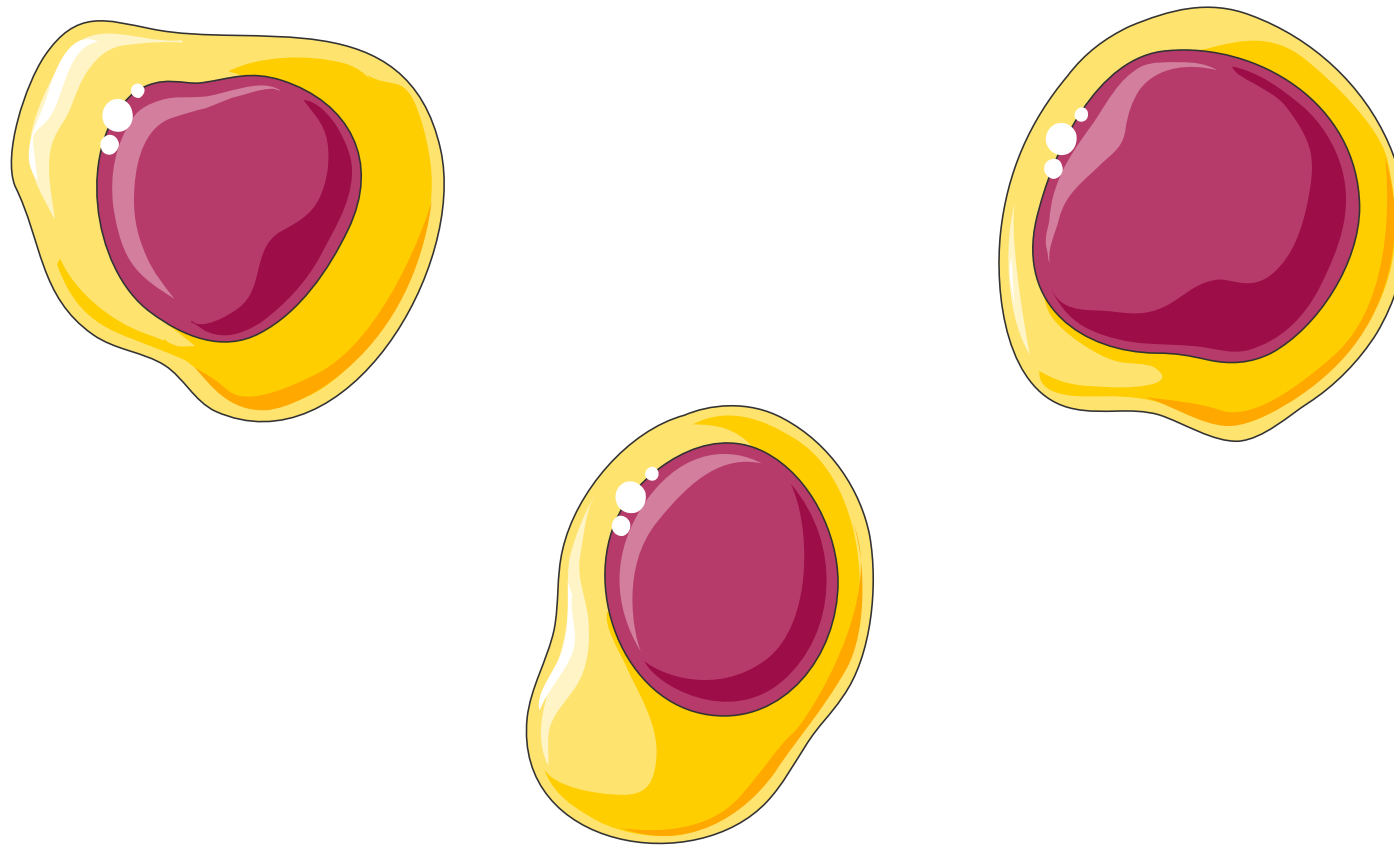
Osteon



Stem cells



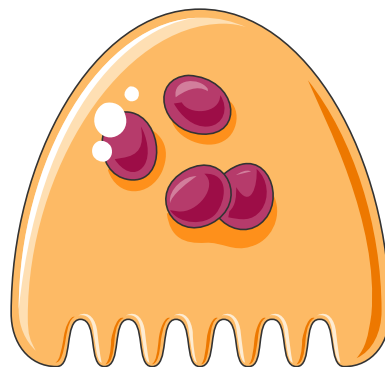
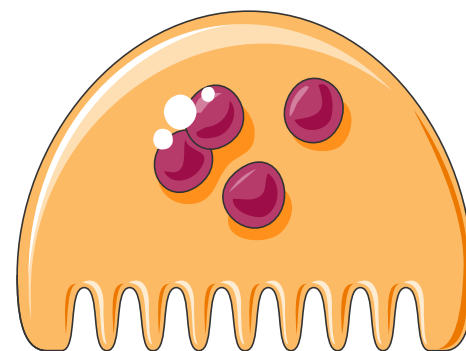
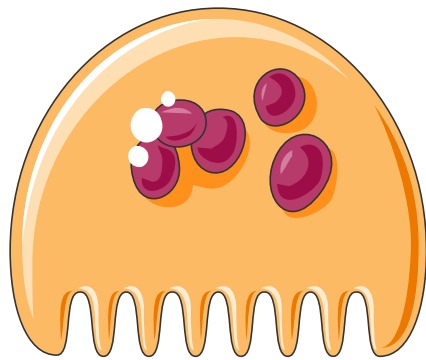
Osteoclast progenitors



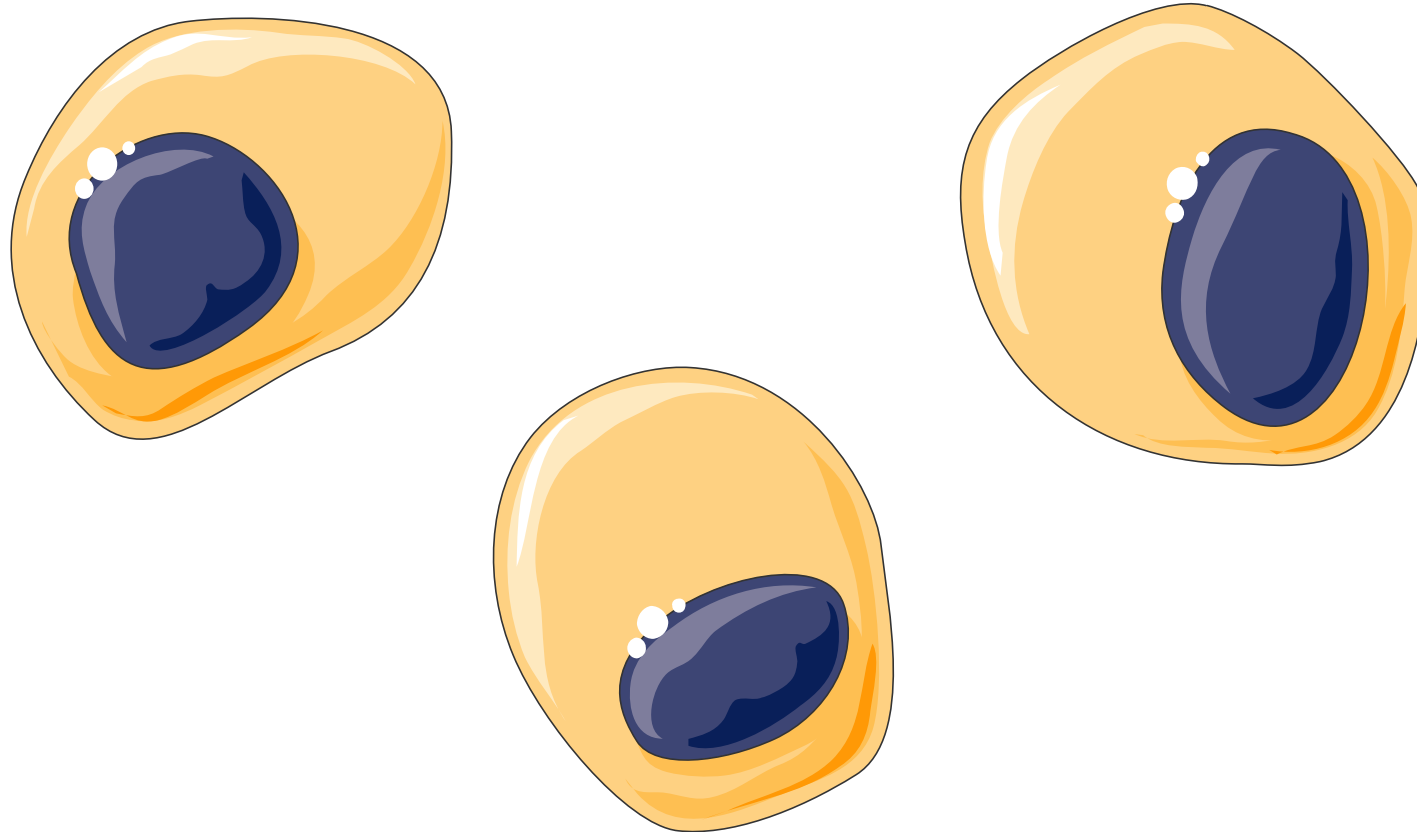
Osteoclast precursors



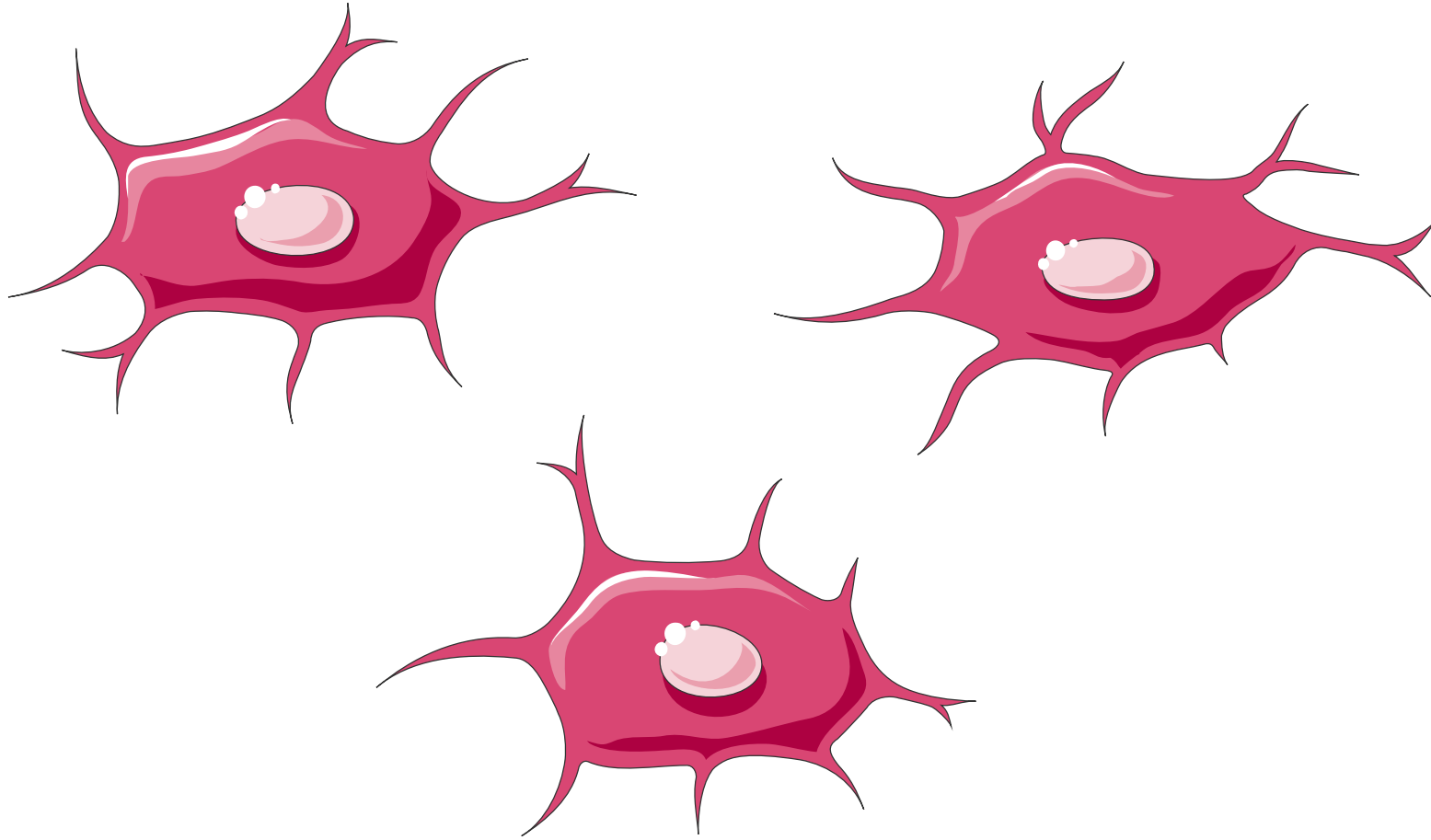
Osteoclasts



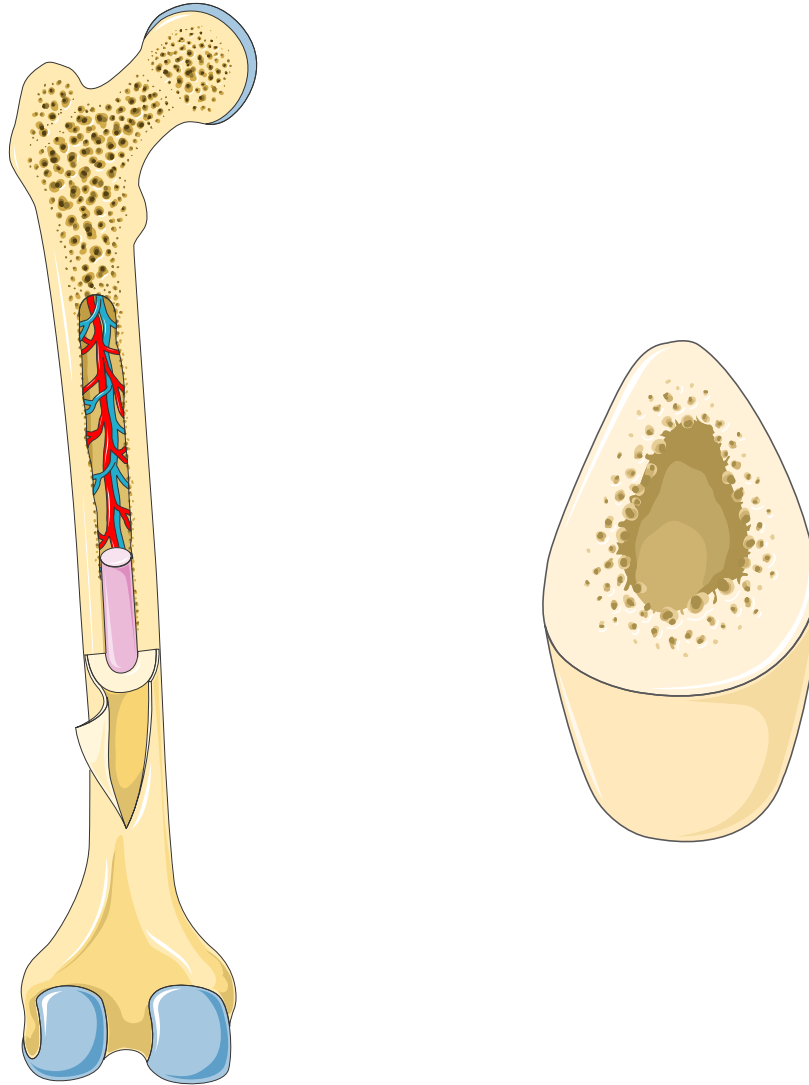
Osteoblasts



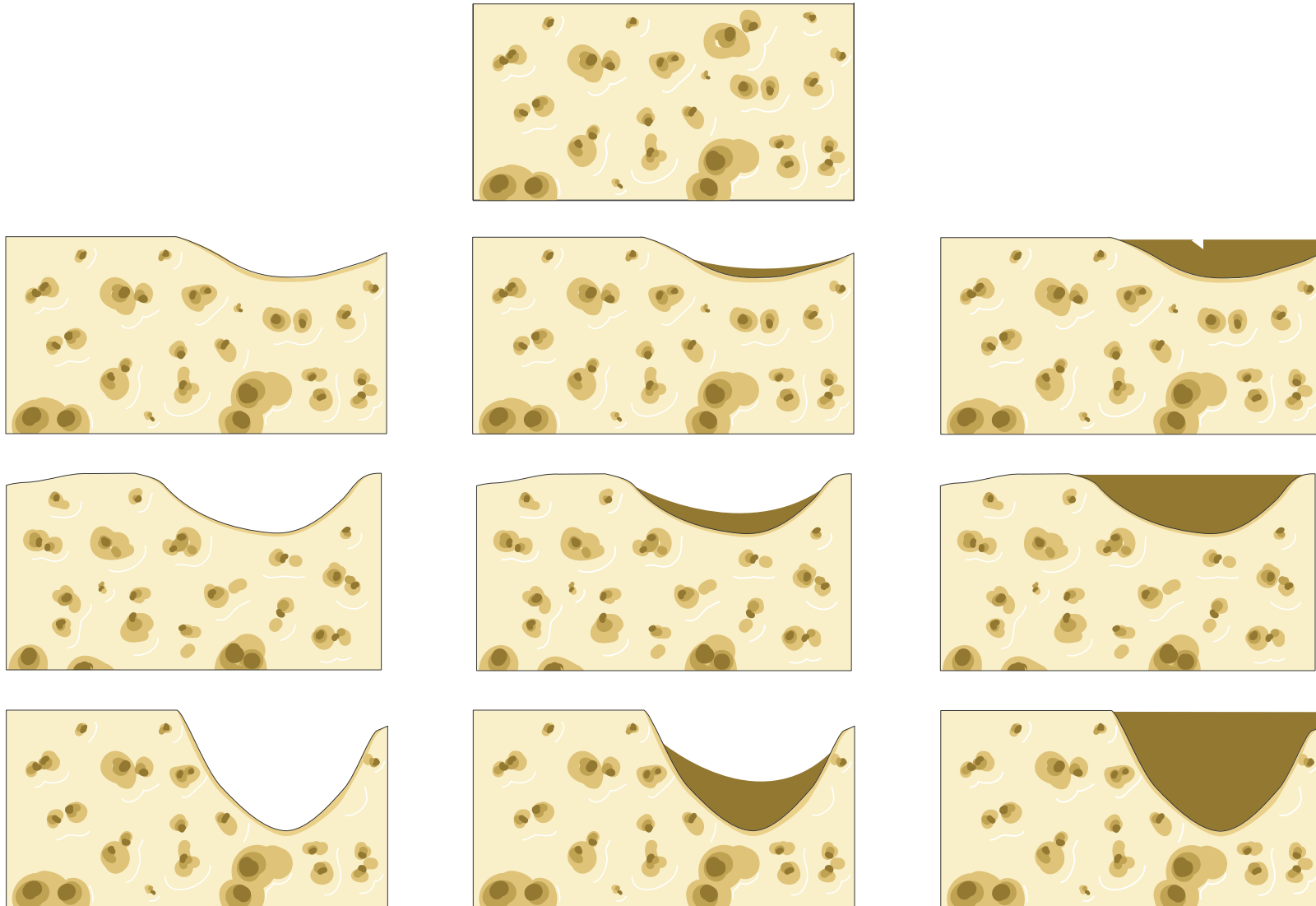
Osteocytes



Bone structure (1)

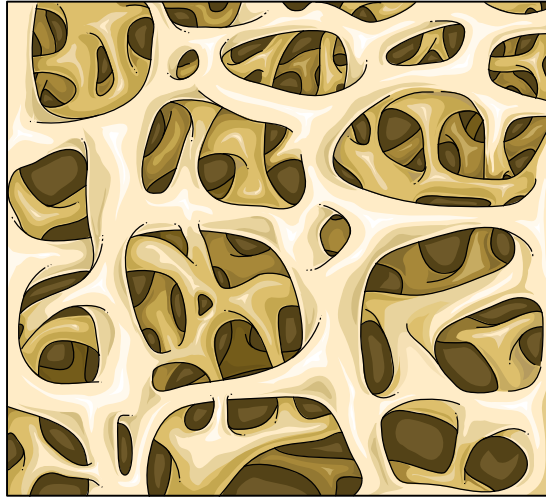


Bone structure (2)

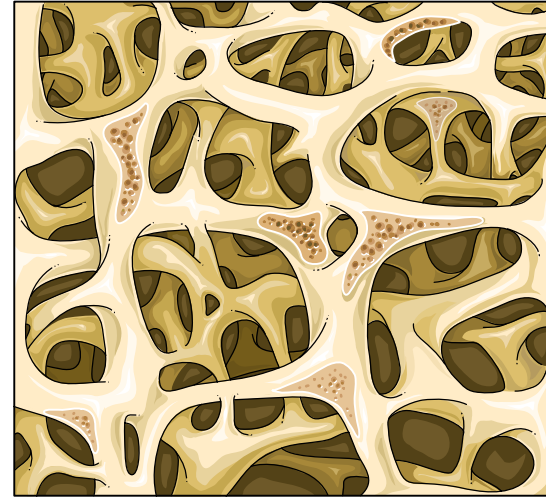


Trabecular bone (1)

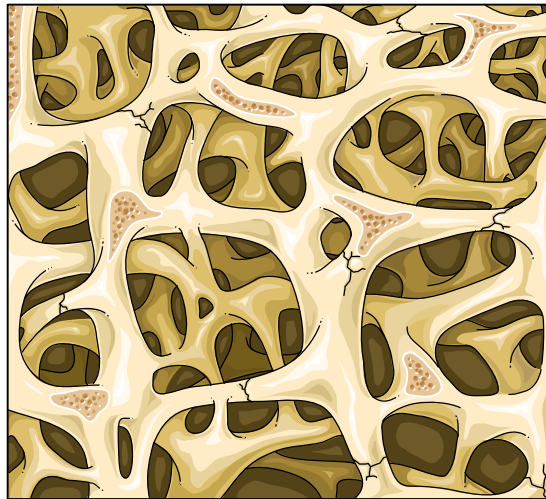
Normal
trabecular bone



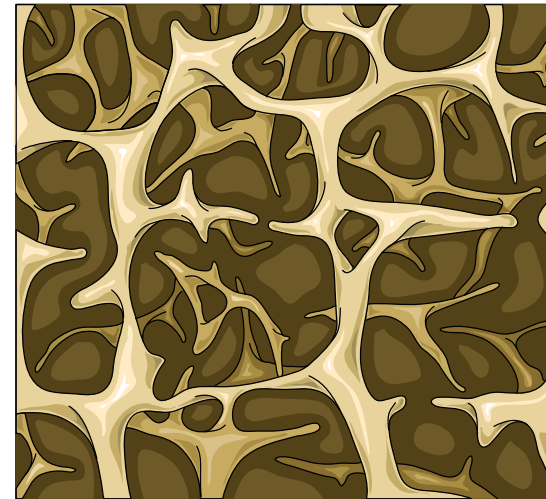
Trabecular
bone with
resorption
areas



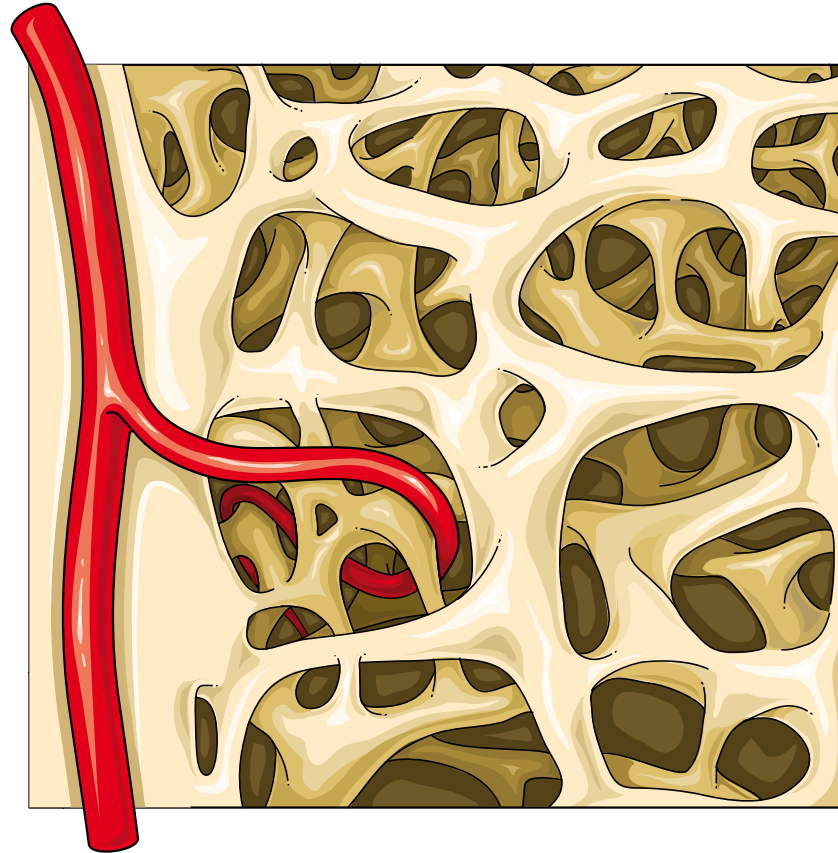
Trabecular
bone with
microcracks



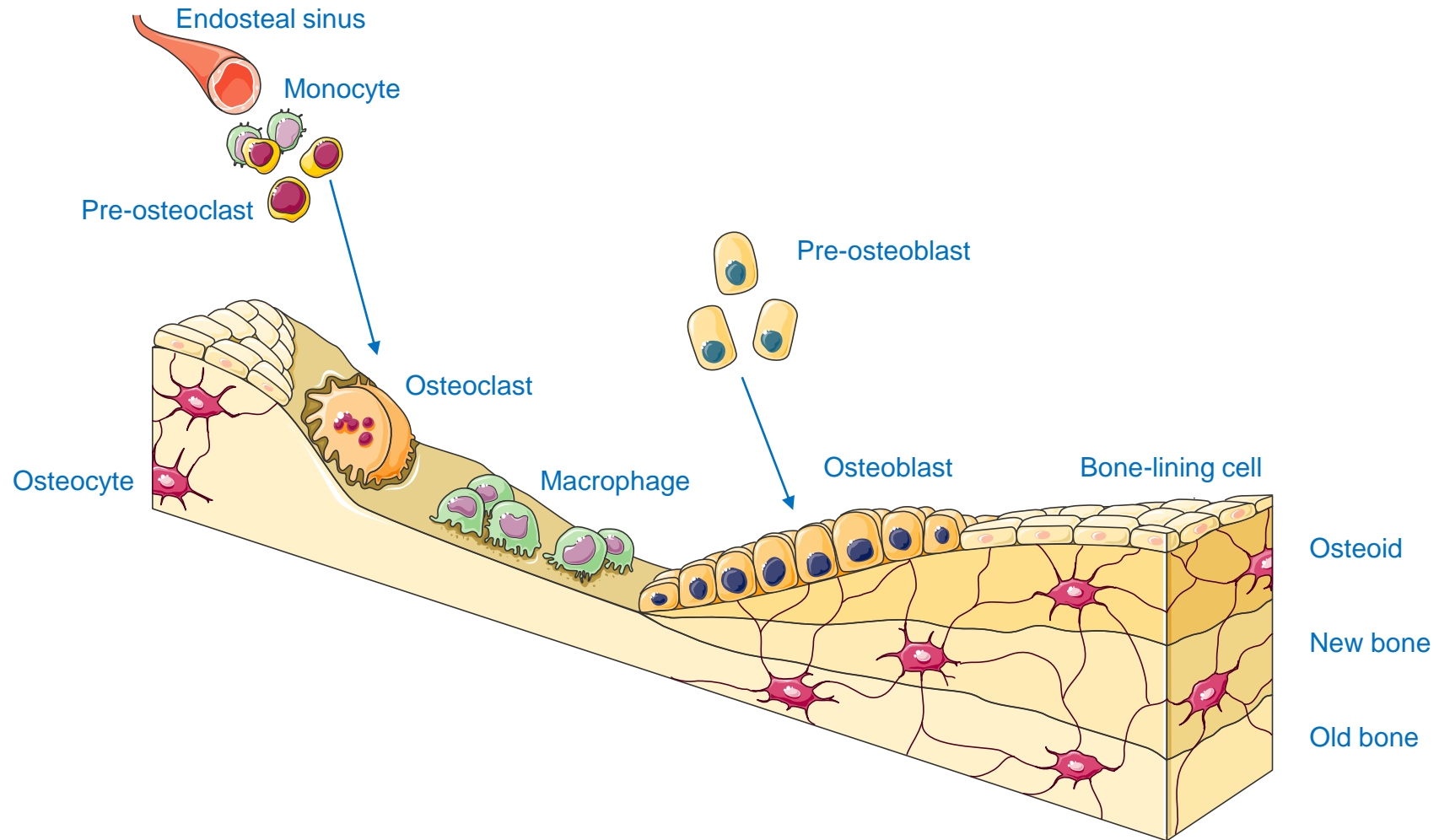
Osteoporotic
trabecular
bone



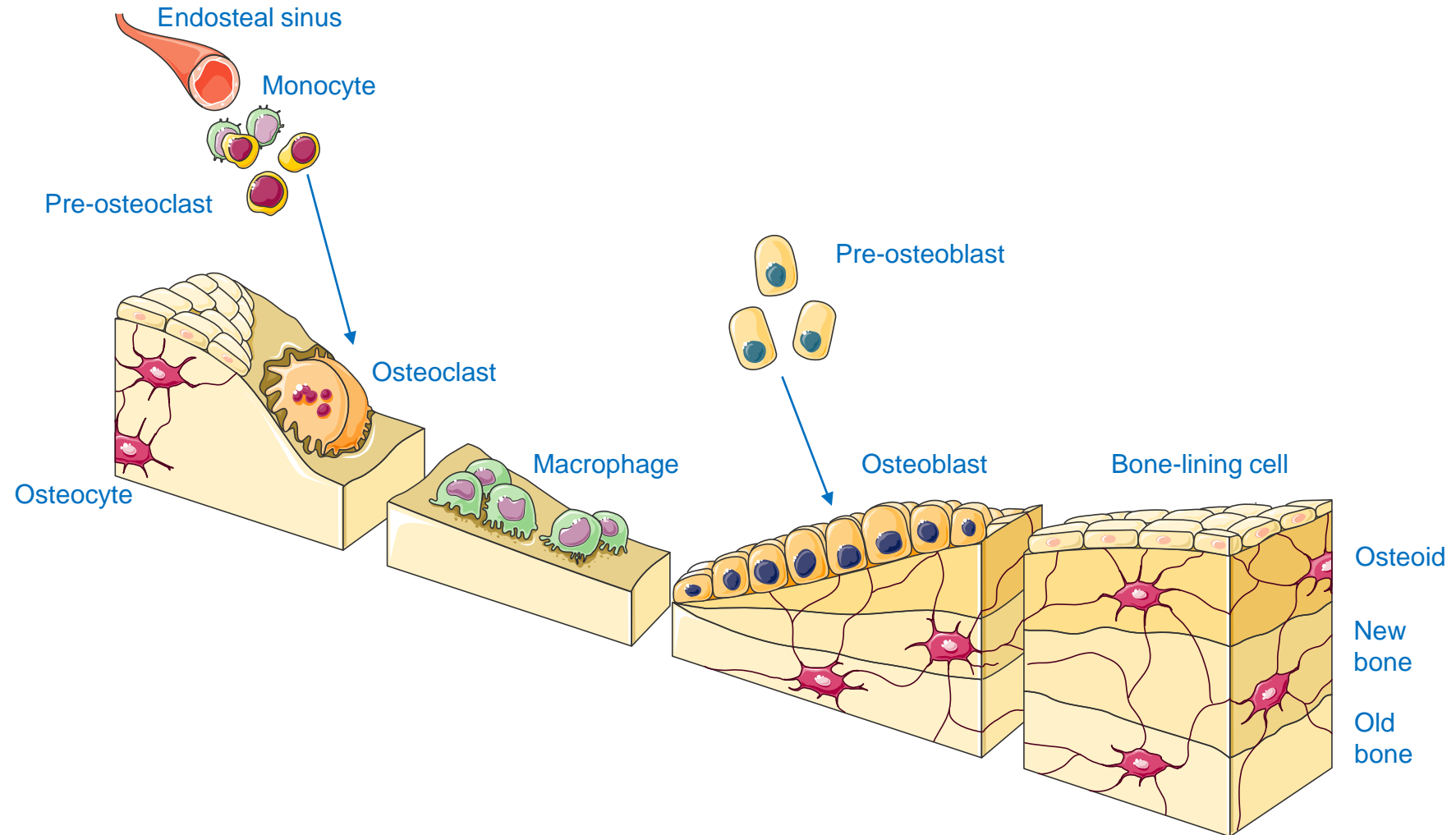
Trabecular bone (2)



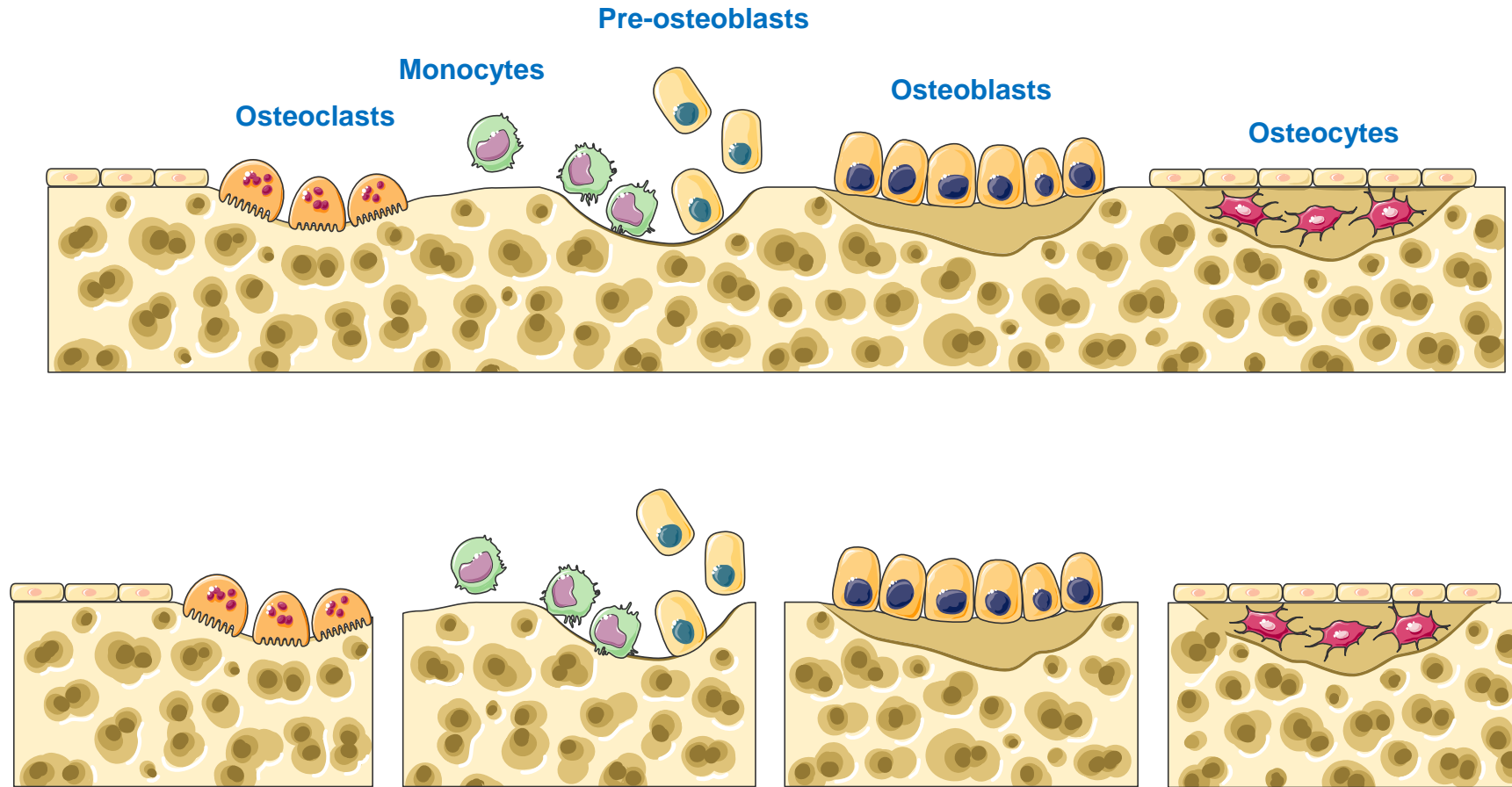
Bone remodeling cycle (1)



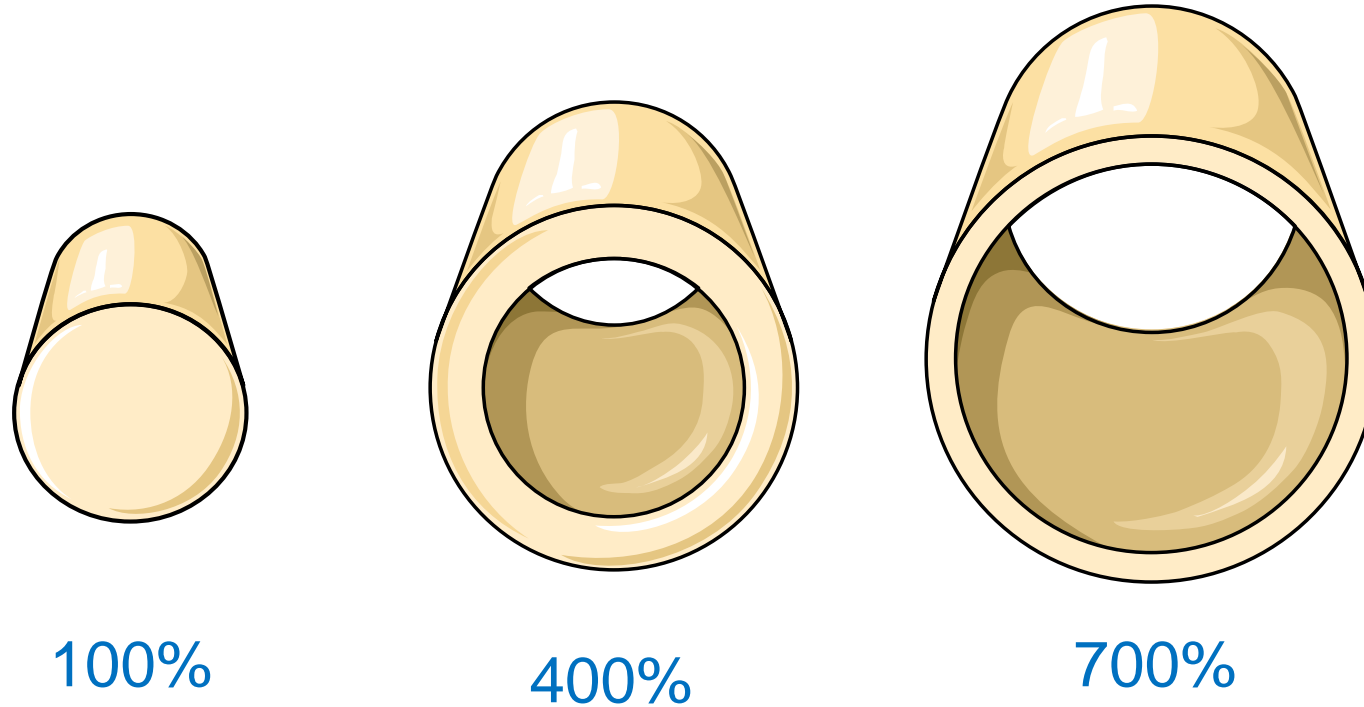
Bone remodeling cycle (2)



Bone remodeling cycle (3)

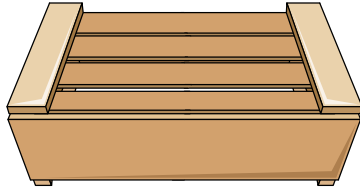


Bone dimensions

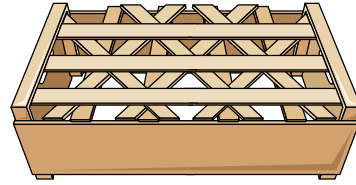


Bone size (length and diameter) influences bone strength

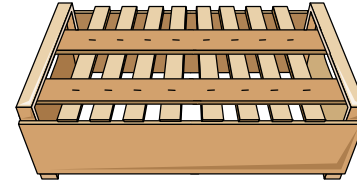
Bone properties



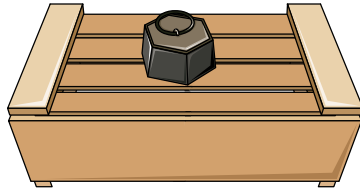
Bone mass



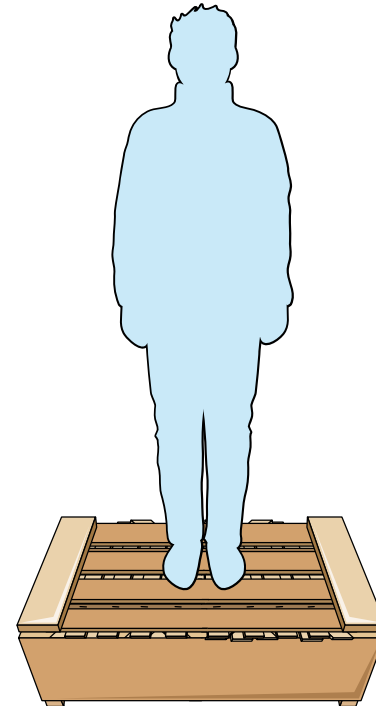
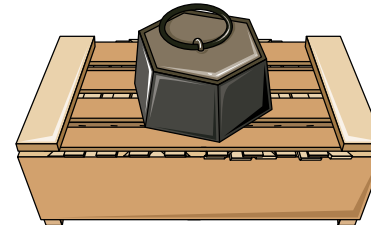
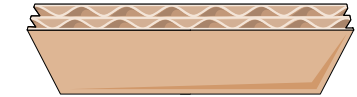
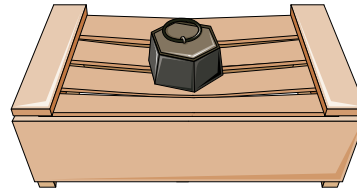
Micro-architecture



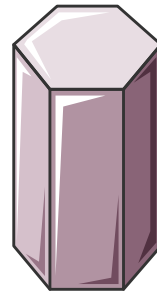
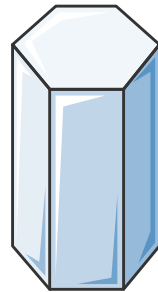
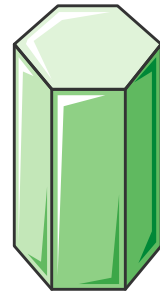
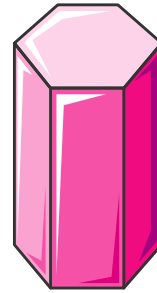
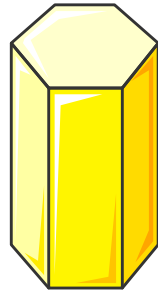
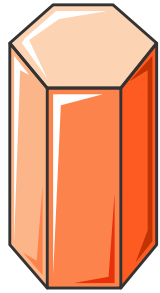
Connectivity



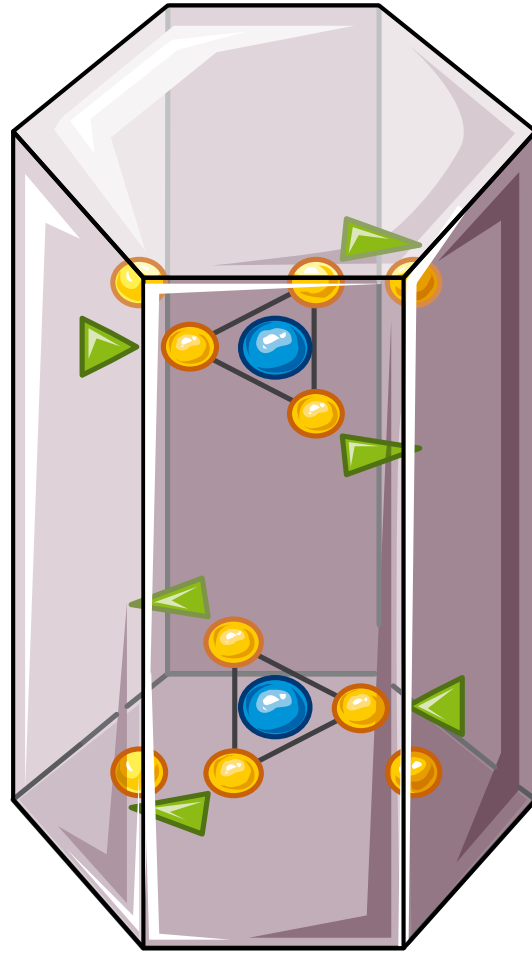
Intraspecific properties



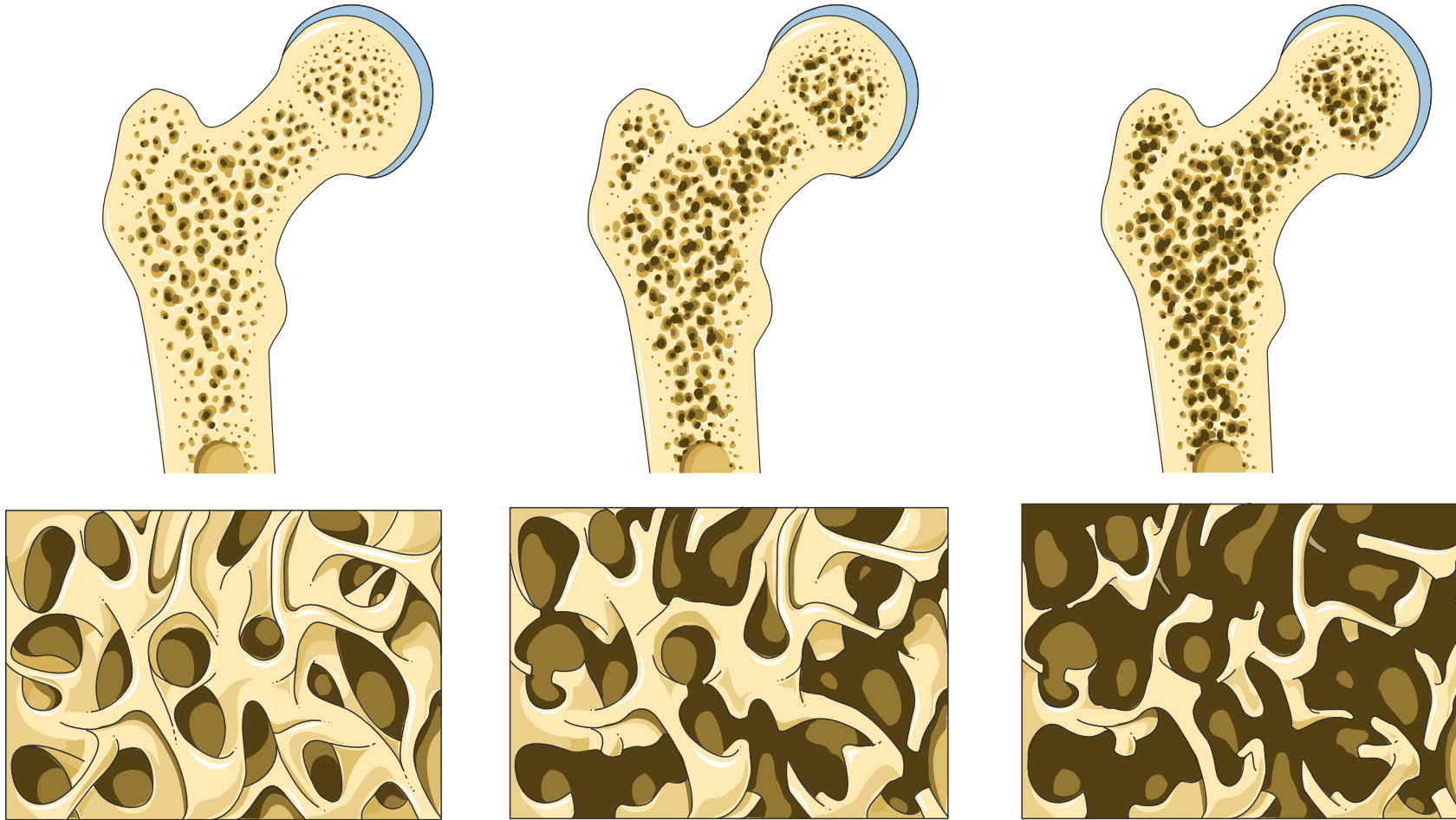
Hydroxyapatite (1)



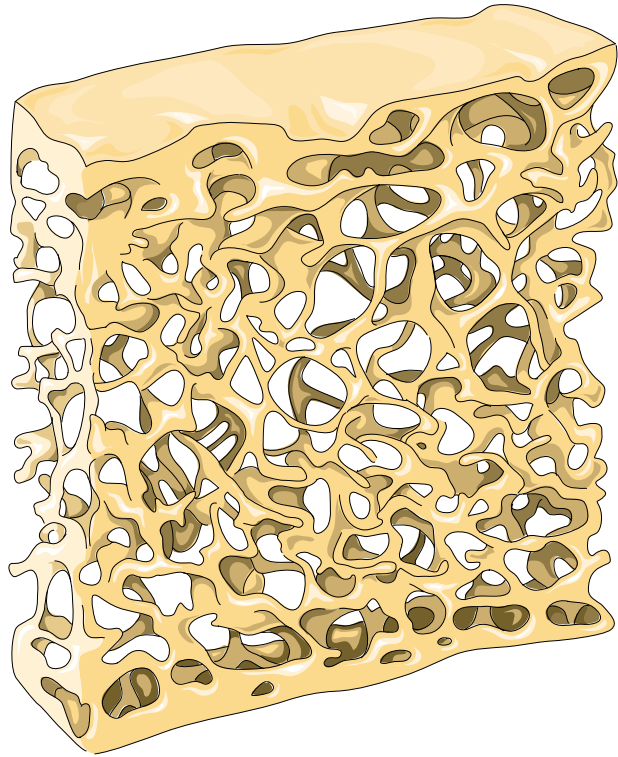
Hydroxyapatite (2)



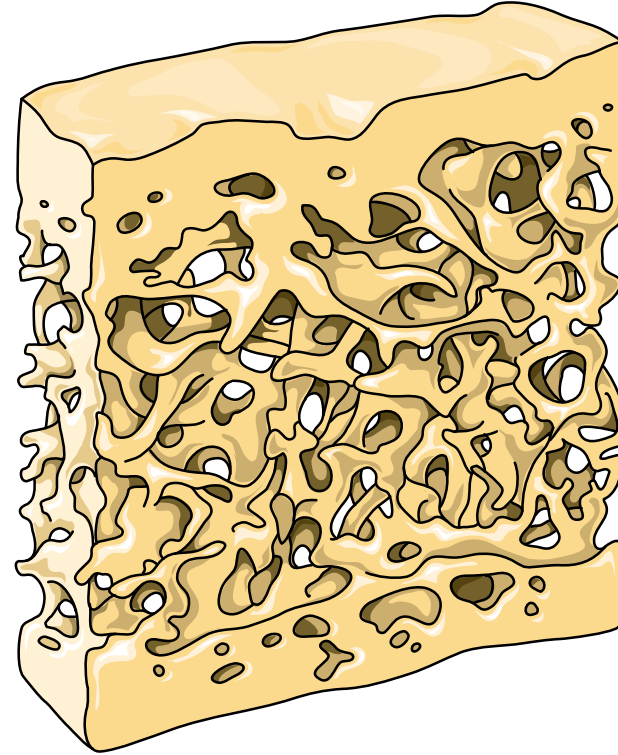
Osteoporosis



Bone biopsies

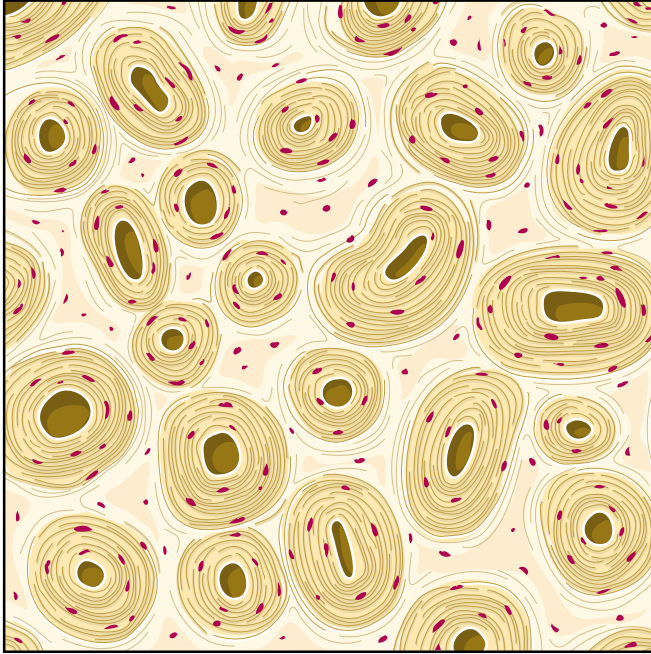


Osteoporotic bone

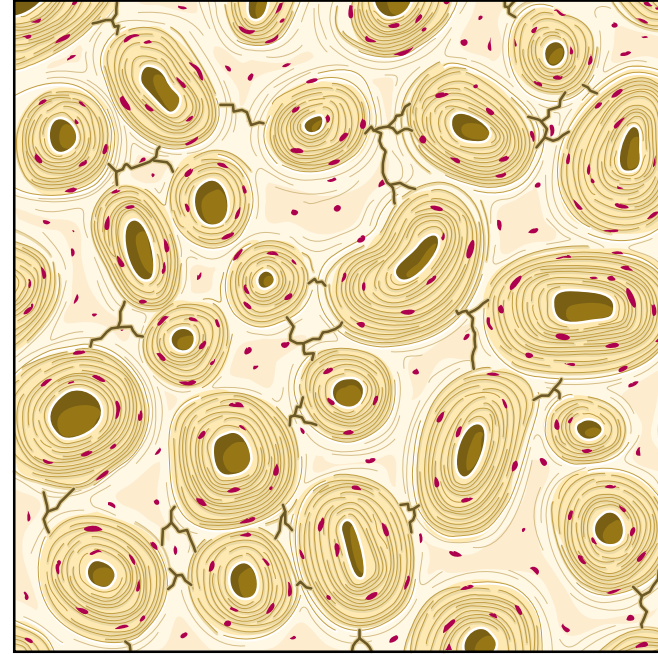


Newly formed bone

Osteons



Osteons



Osteons with microcracks