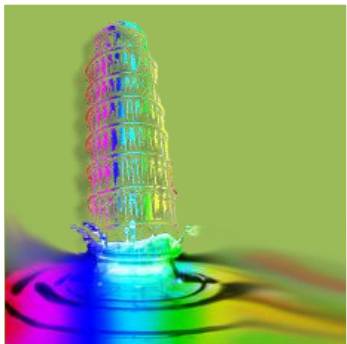
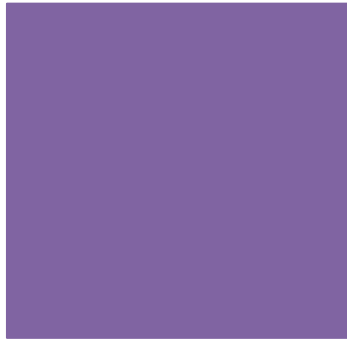
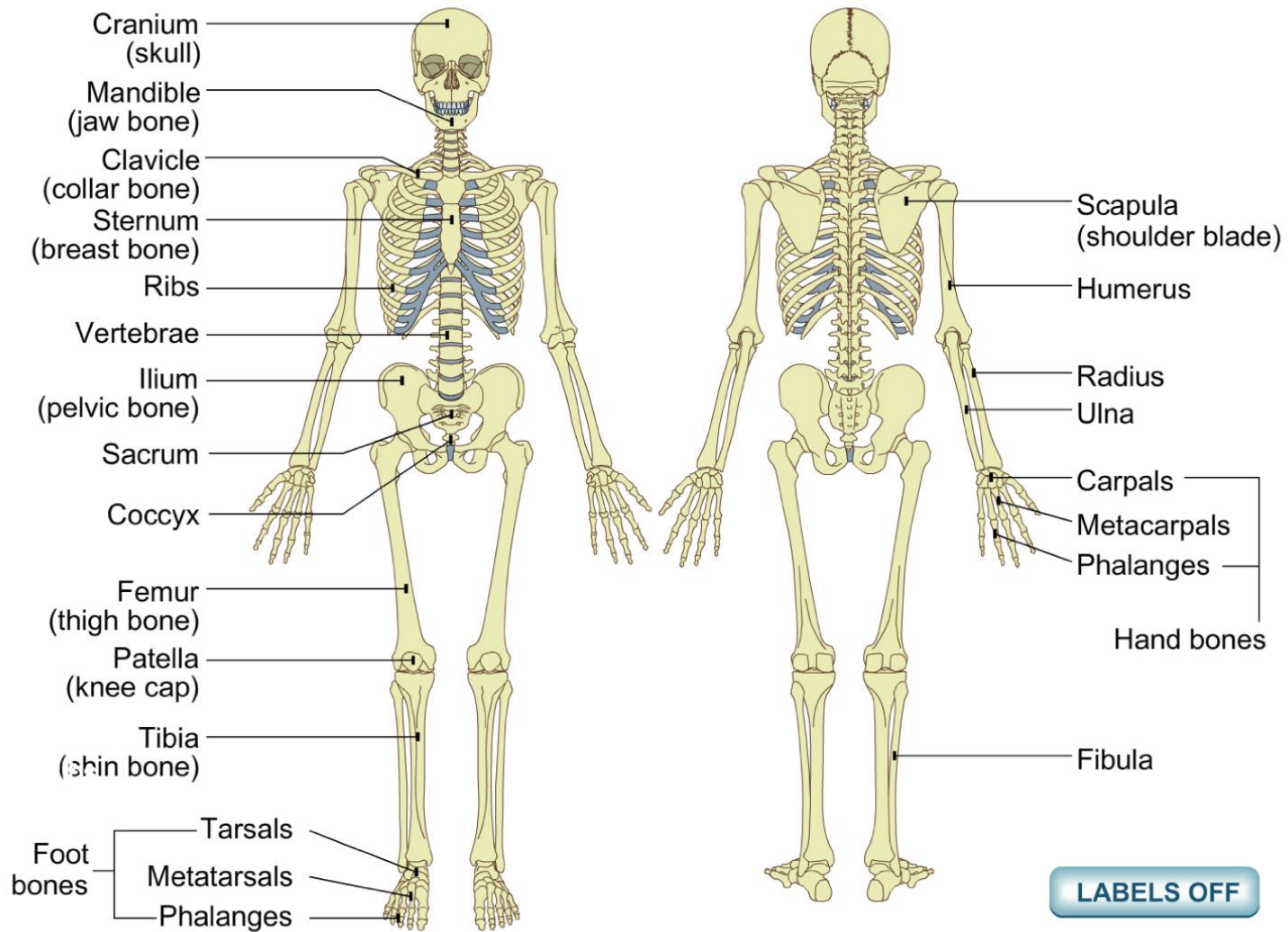




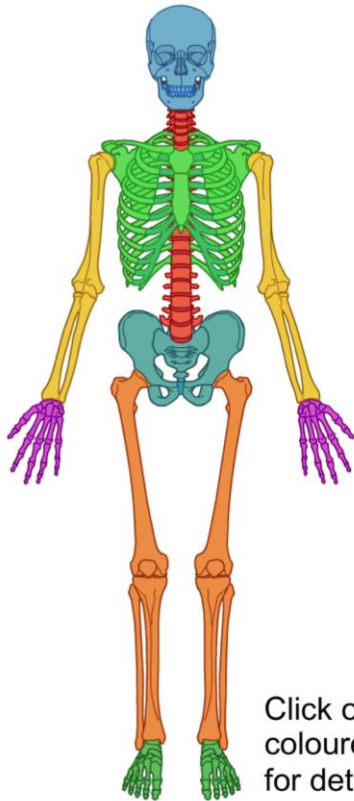
# La struttura ossea



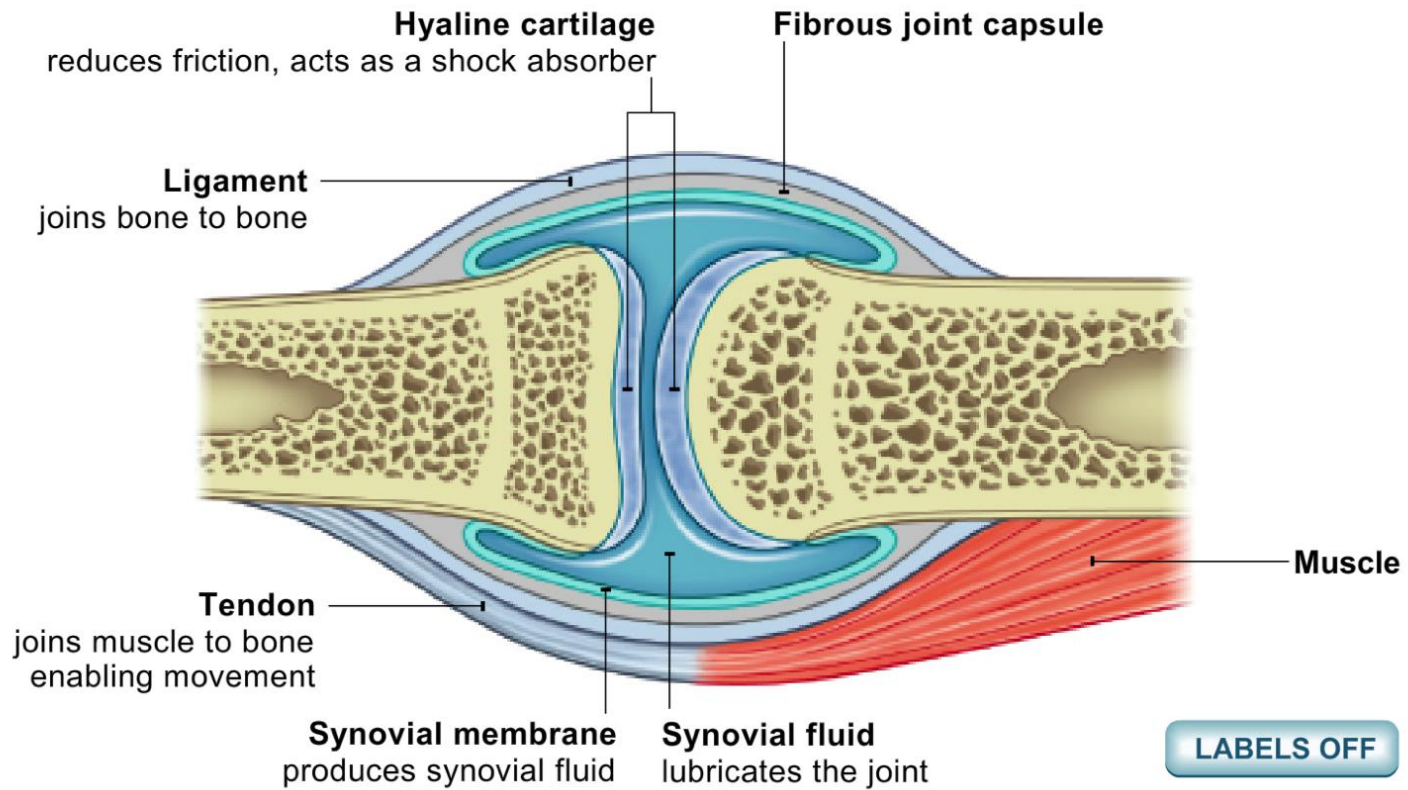
[g.vozzi@centropiaggio.unipi.it](mailto:g.vozzi@centropiaggio.unipi.it)

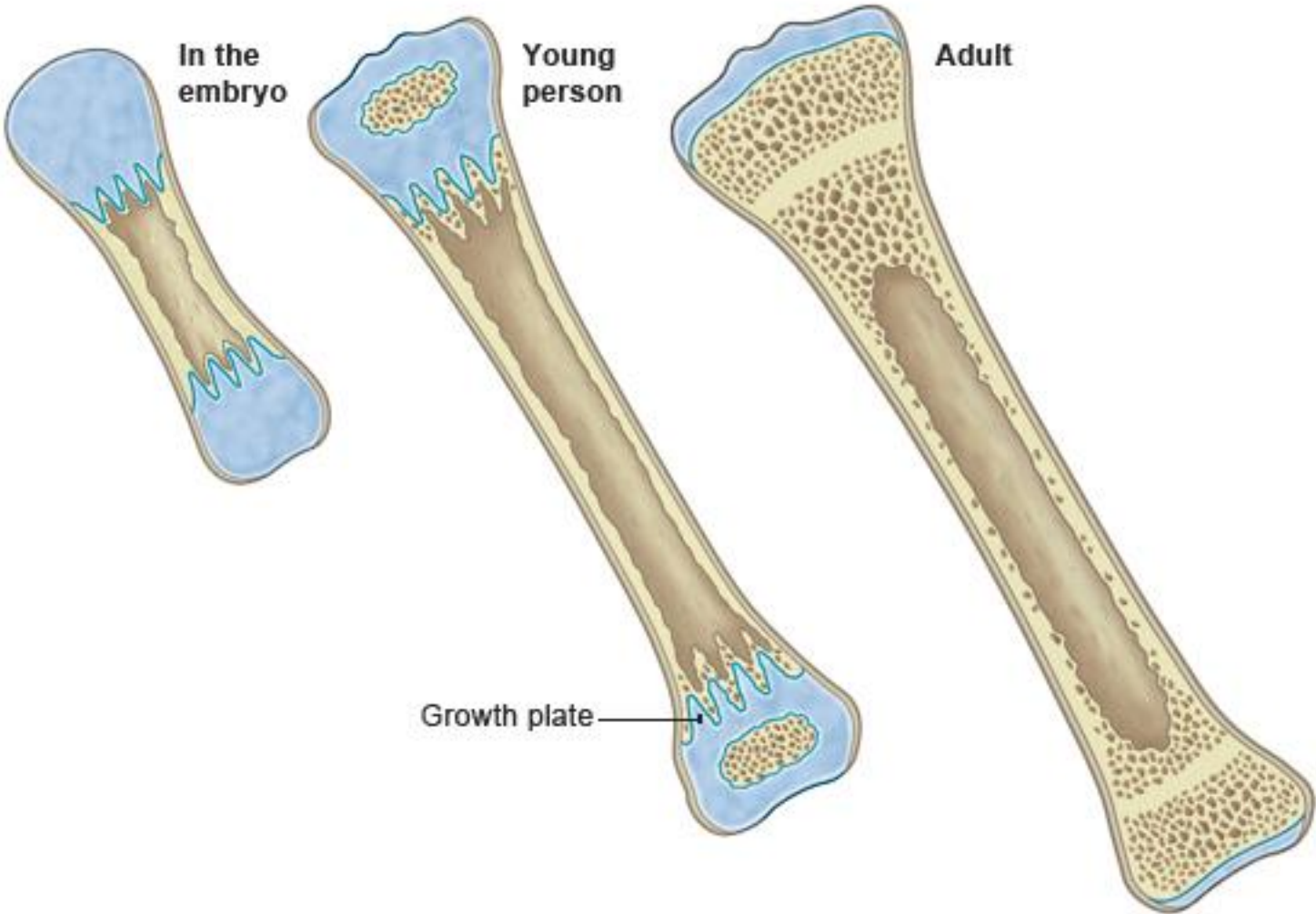


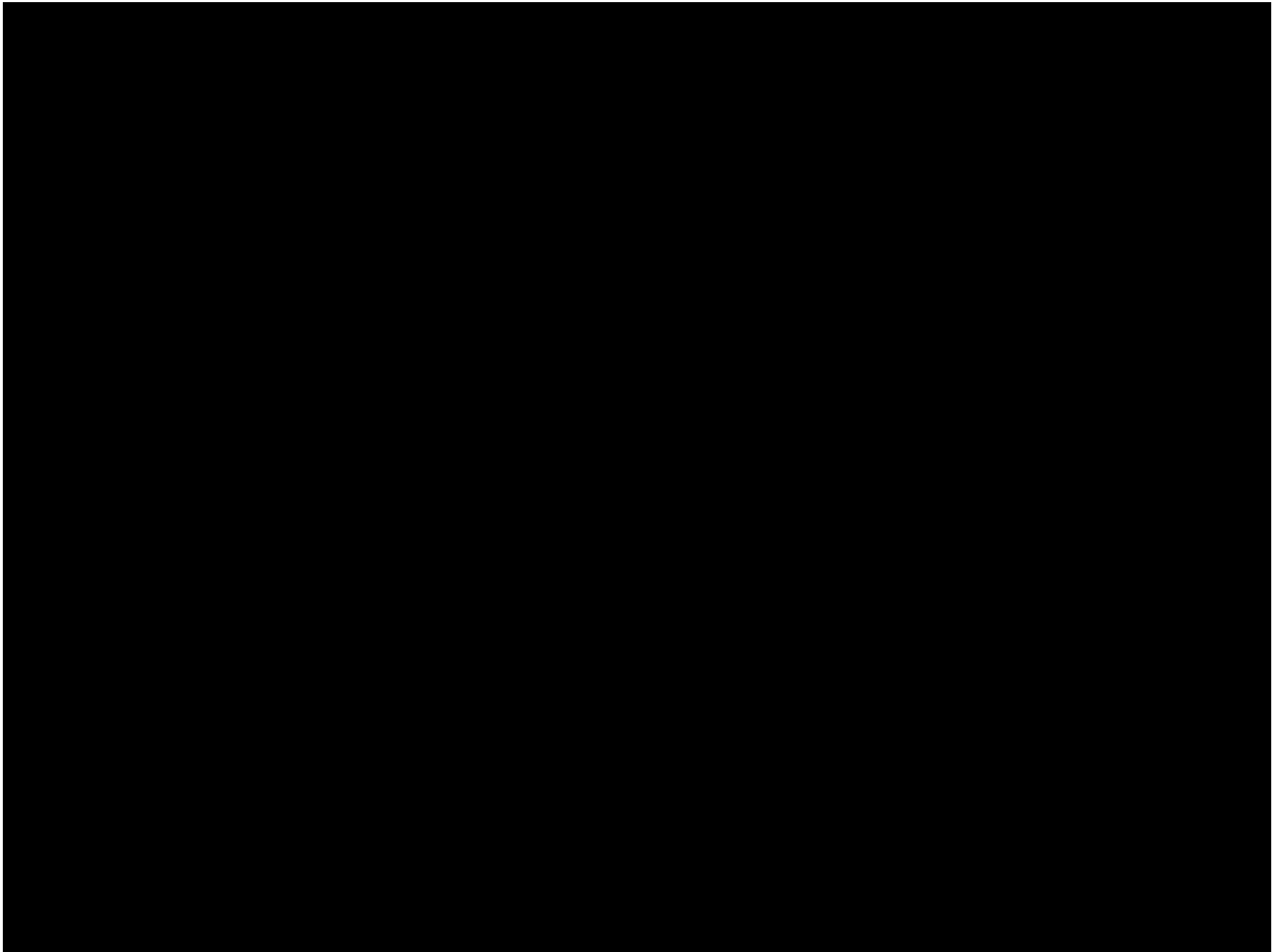
LABELS OFF



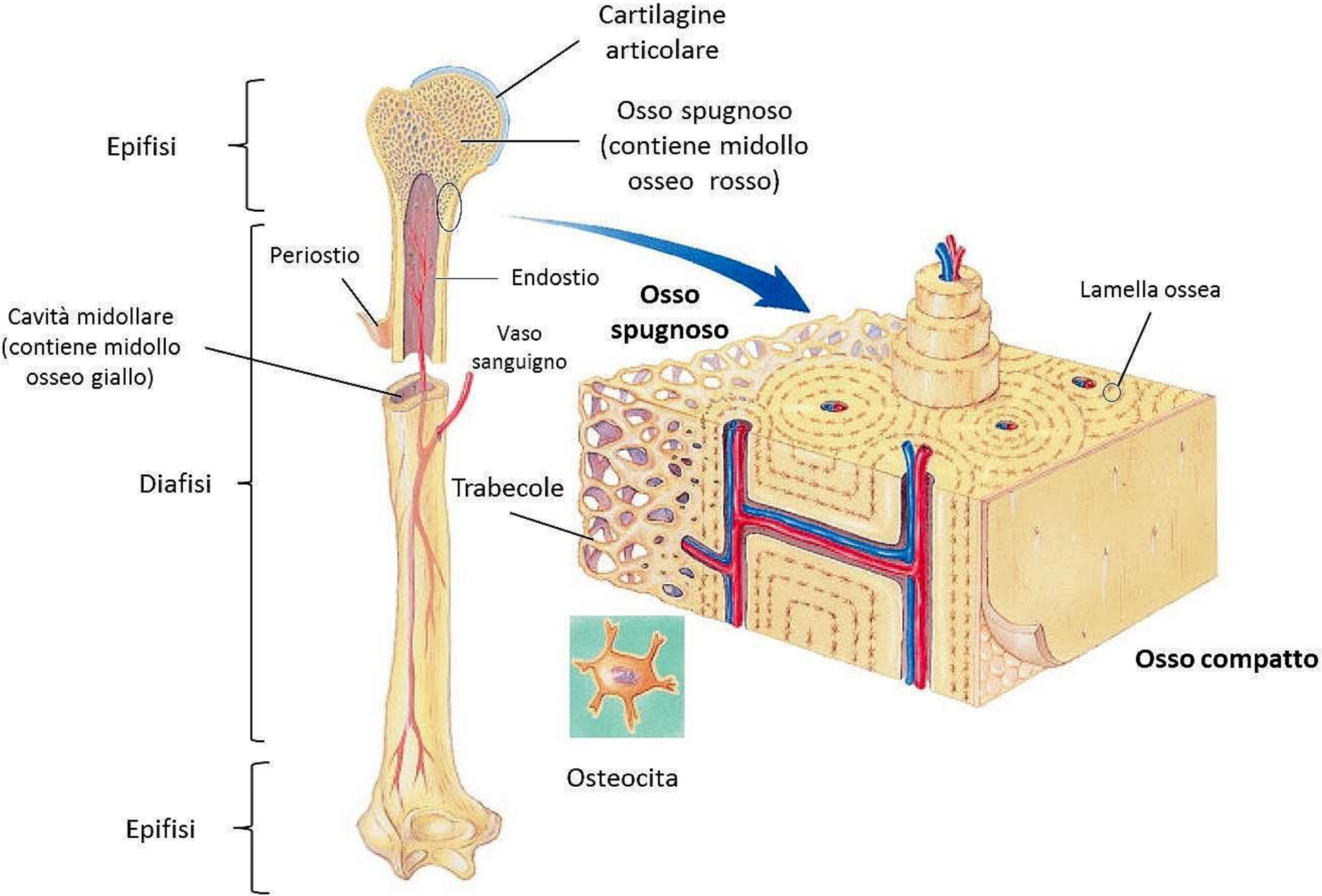
1. Protection - the cranium and ribs protect the brain and vital organs in the chest.
2. Shape - gives shape to the body and makes you tall or short.
3. Support - holds your vital organs in place when playing sport. The vertebral column holds the body upright.
4. Movement - muscle are attached to bones, which are jointed. When the muscles contract the bones move.
5. Blood production - red blood cells (to carry oxygen) and white blood cells (to protect against infection) are produced in the bone marrow of some bones.







# OMERO



## LE FASI DEL RIMODELLAMENTO OSSEO



**Quiescenza**  
cellule (osteoblasti)  
allineate in riposo



**Attivazione**  
I precursori degli osteo-  
clasti iniziano la loro attività



**Riassorbimento**  
Gli osteoclasti ero-  
dono l'osso vecchio



**Inversione**  
Gli osteoclasti hanno  
completato il riassorbimento  
Inizia l'attività degli osteoblasti



**Formazione**  
Gli osteoblasti  
ricostruiscono  
l'osso



**Mineralizzazione**  
della matrice  
(il ciclo ricomincia)