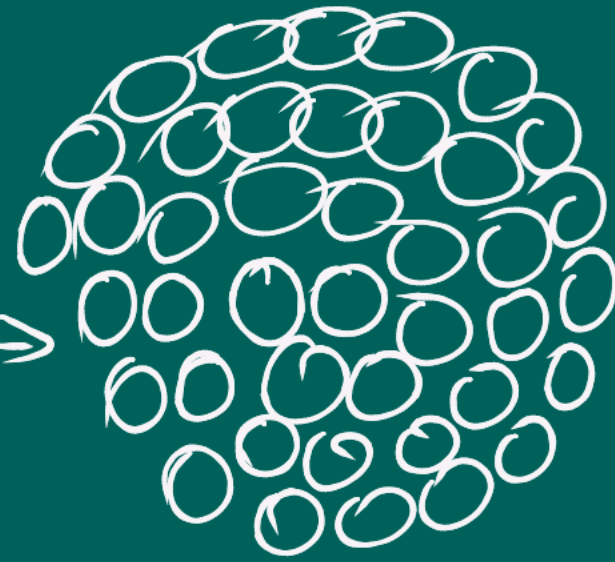


Diploblastic & Triploblastic :-

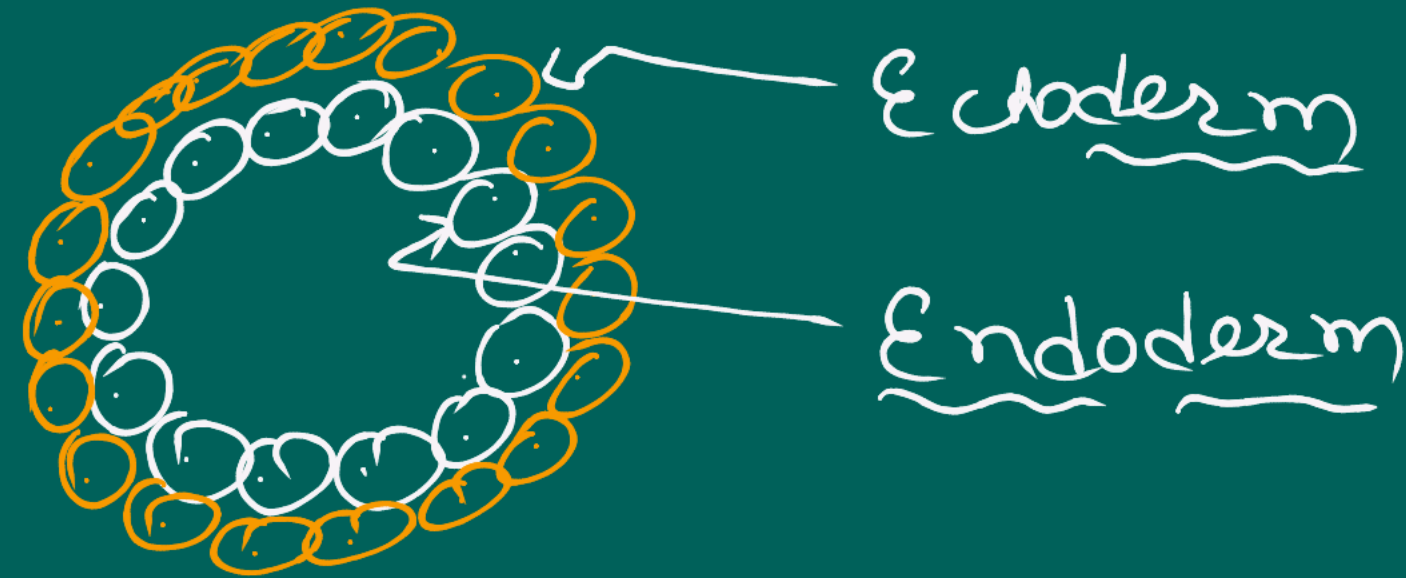
multicellular

zygote

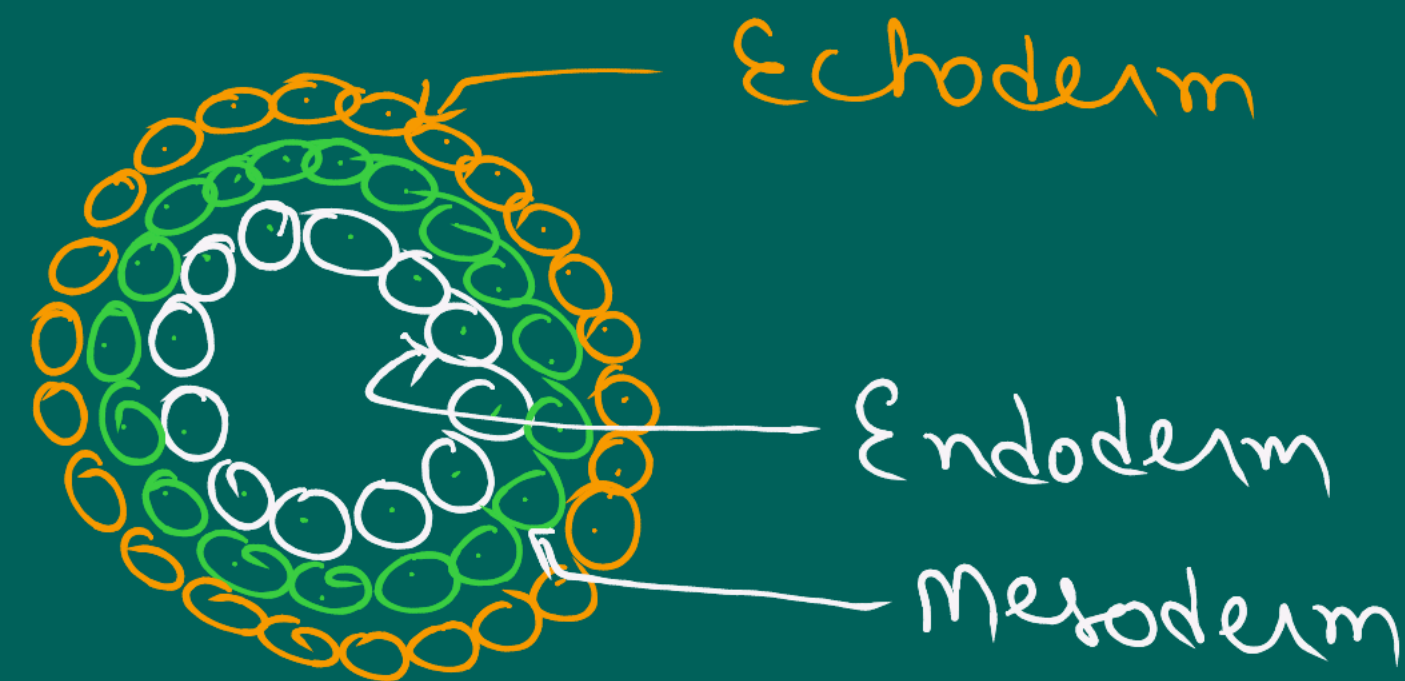
mitosis



Ecto, Exo, Epi, cortex
↳ out



Diploblastic - Porifera, Coelenterata
or
Cnidaria



Triploblastic
✓ Platyhelminthes & onwards

Coelom or body cavity :-

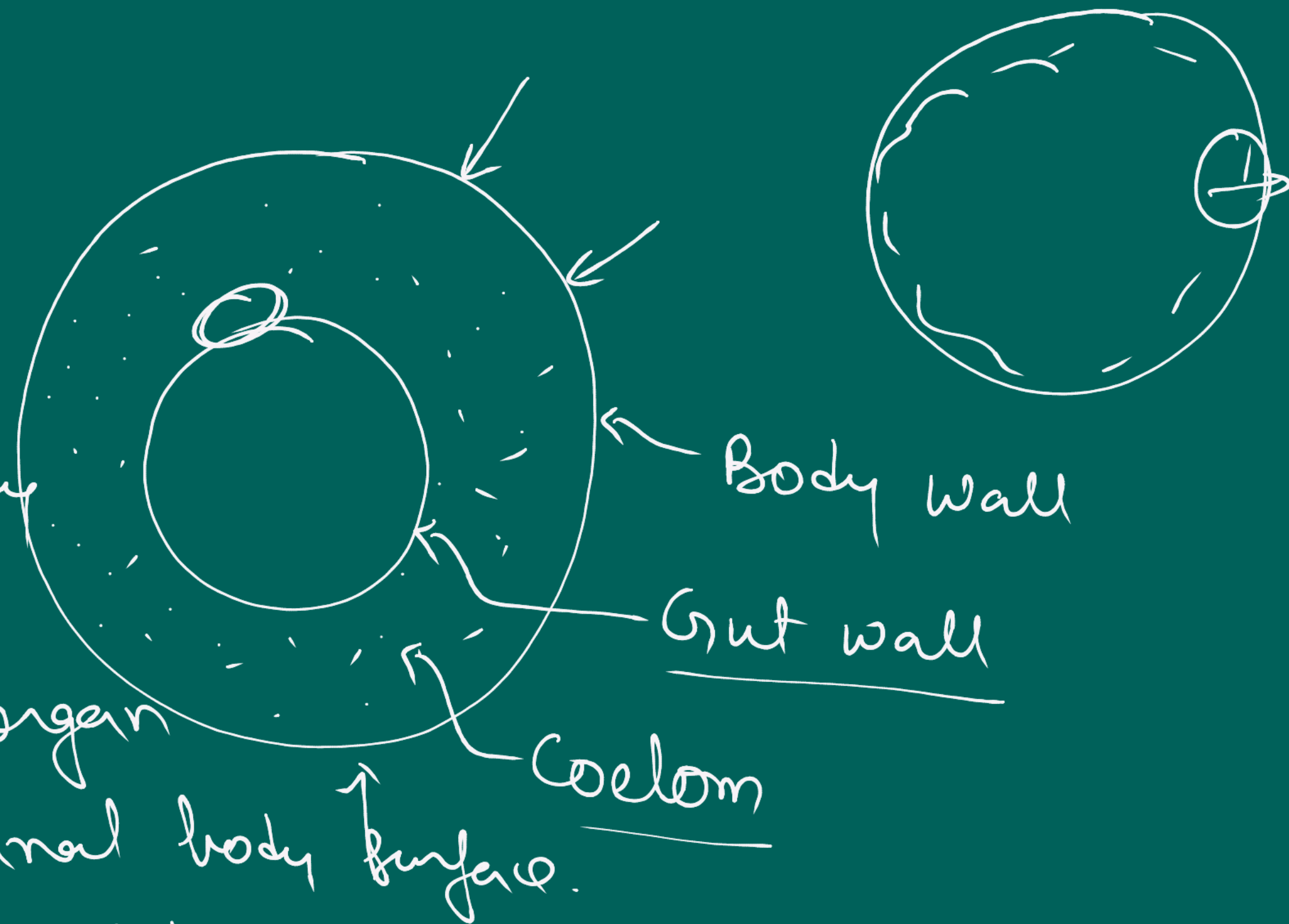
Functions :-

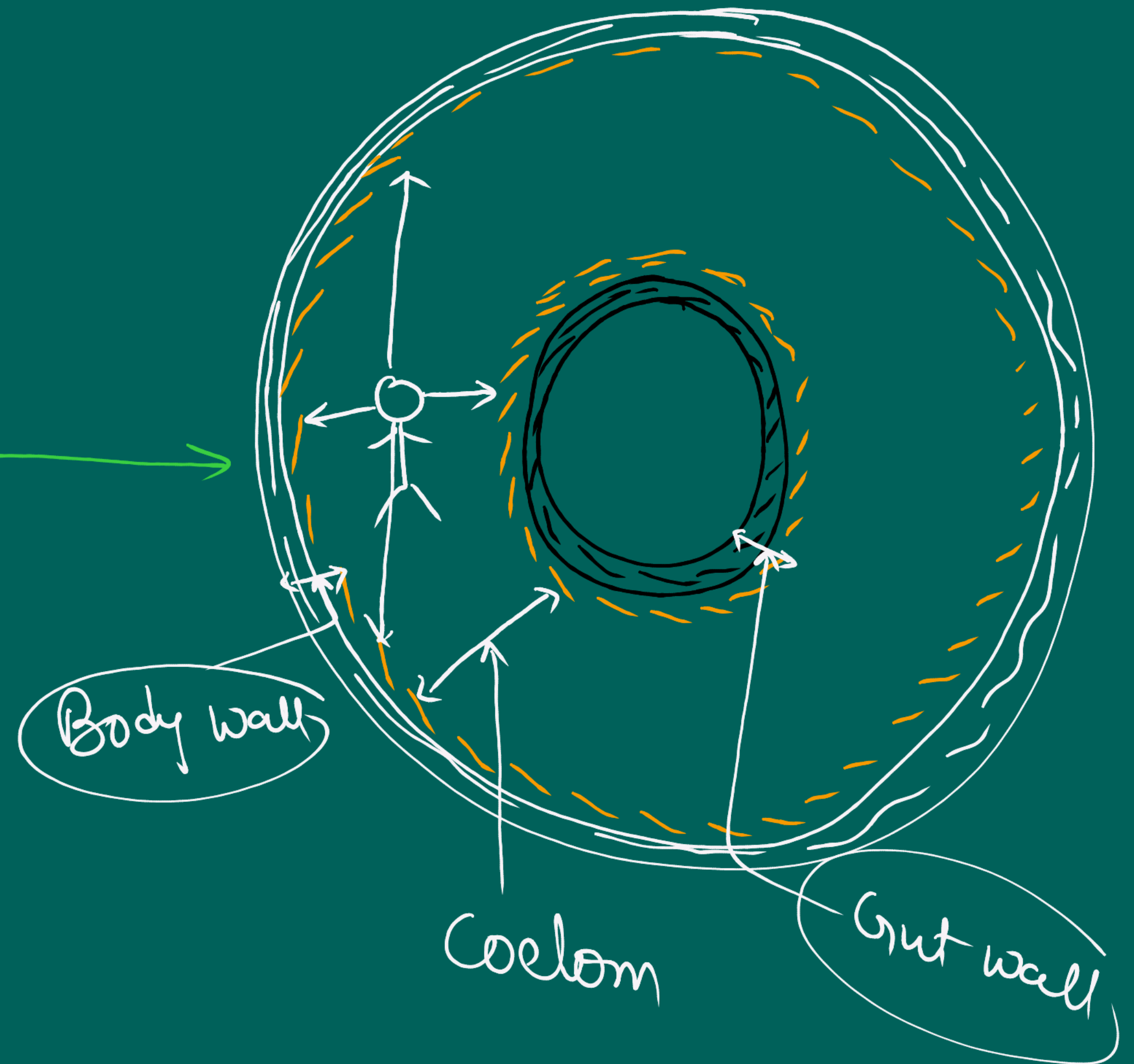
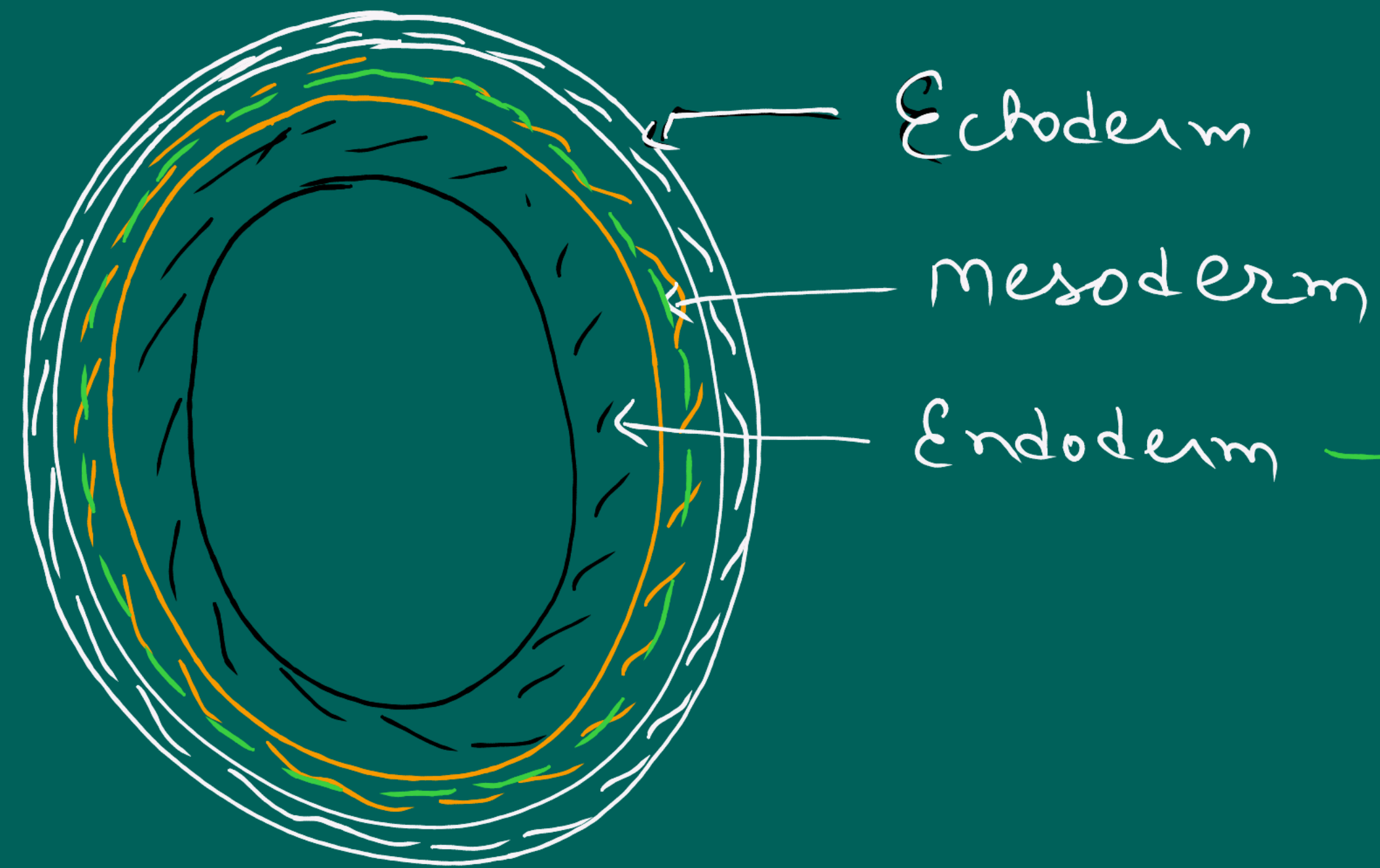
① Movement of internal organs doesn't effect body surface.

② It prevents internal organ being effected by external body surface.

③ Hydroskeleton - To maintain shape of organisms.

④ Transportation / Immune system.





The body cavity present between body wall & gut wall remaining lined by mesoderm is called coelom.

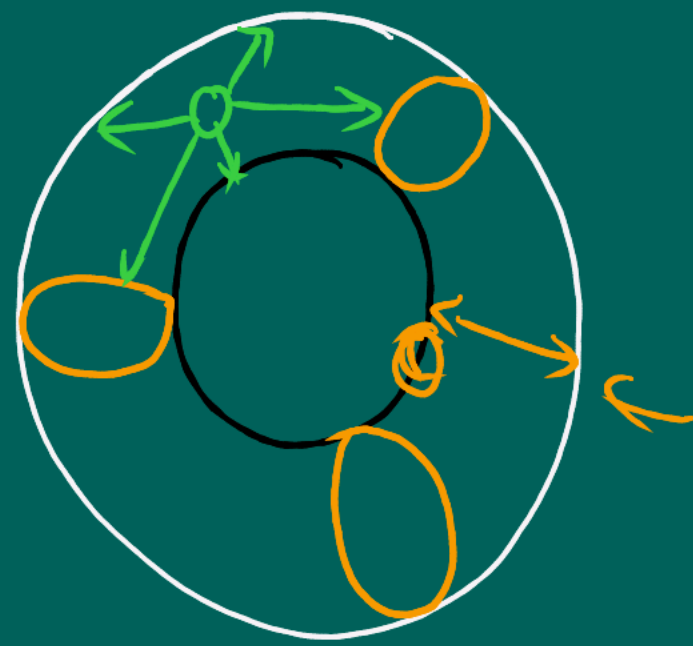
⇒ Acoelomate :- Absence of coelom.

Absent

Platyhelminthes.

⇒ Pseudocoelomate :- Animals having false coelom.

Aschelminthes or Nematelminthes



⇒ Coelomate or Eucelomate - Animals having coelom True coelom
Annelida & onwards.