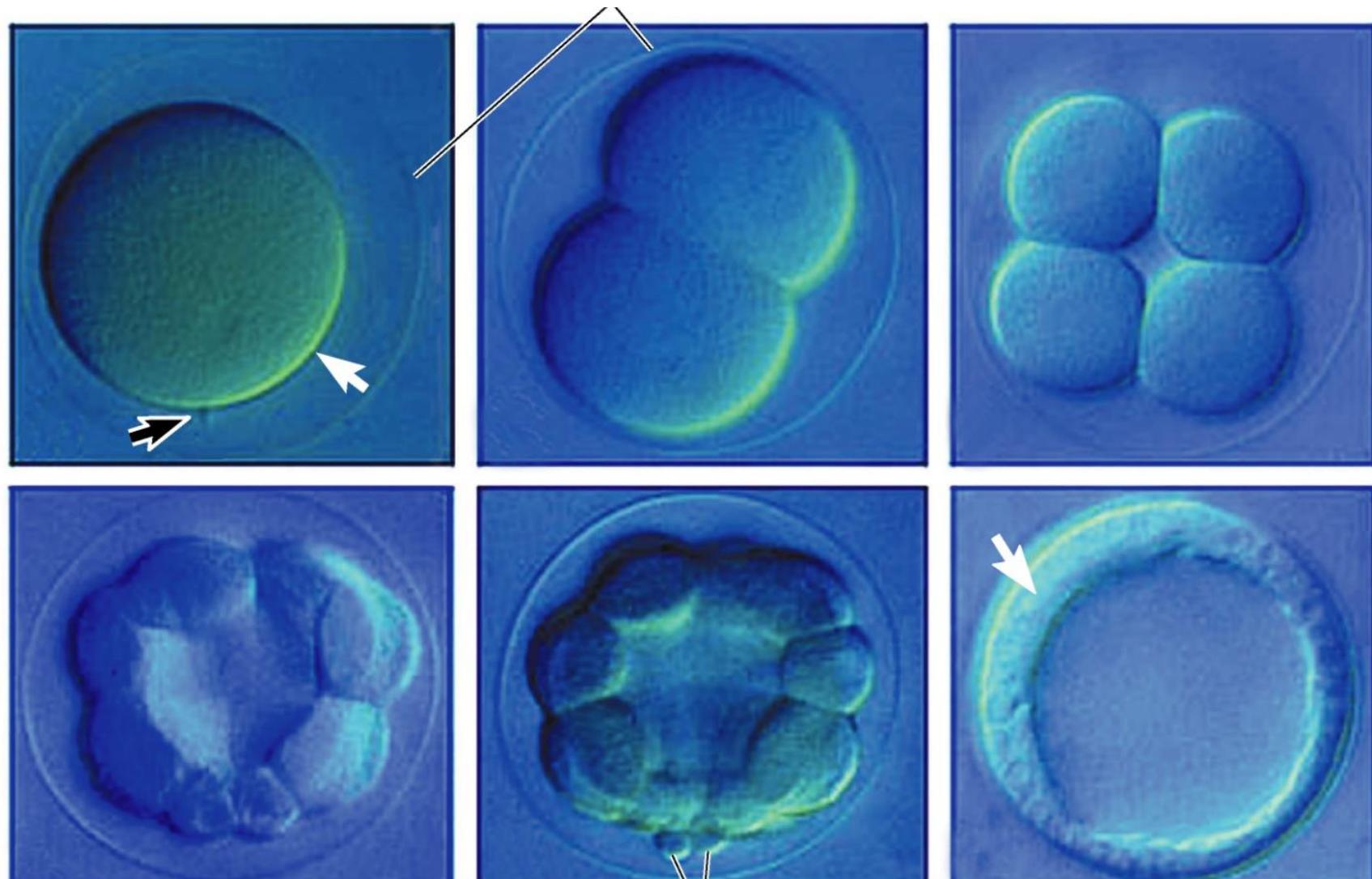


Laboratorio Il riccio di mare



Fecondazione

- Produzione dei gameti
- Fecondazione
- Osservazione della membrana di fecondazione



 alamy stock photo

ER55YA
www.alamy.com

KCl 0,5 M



Femmina



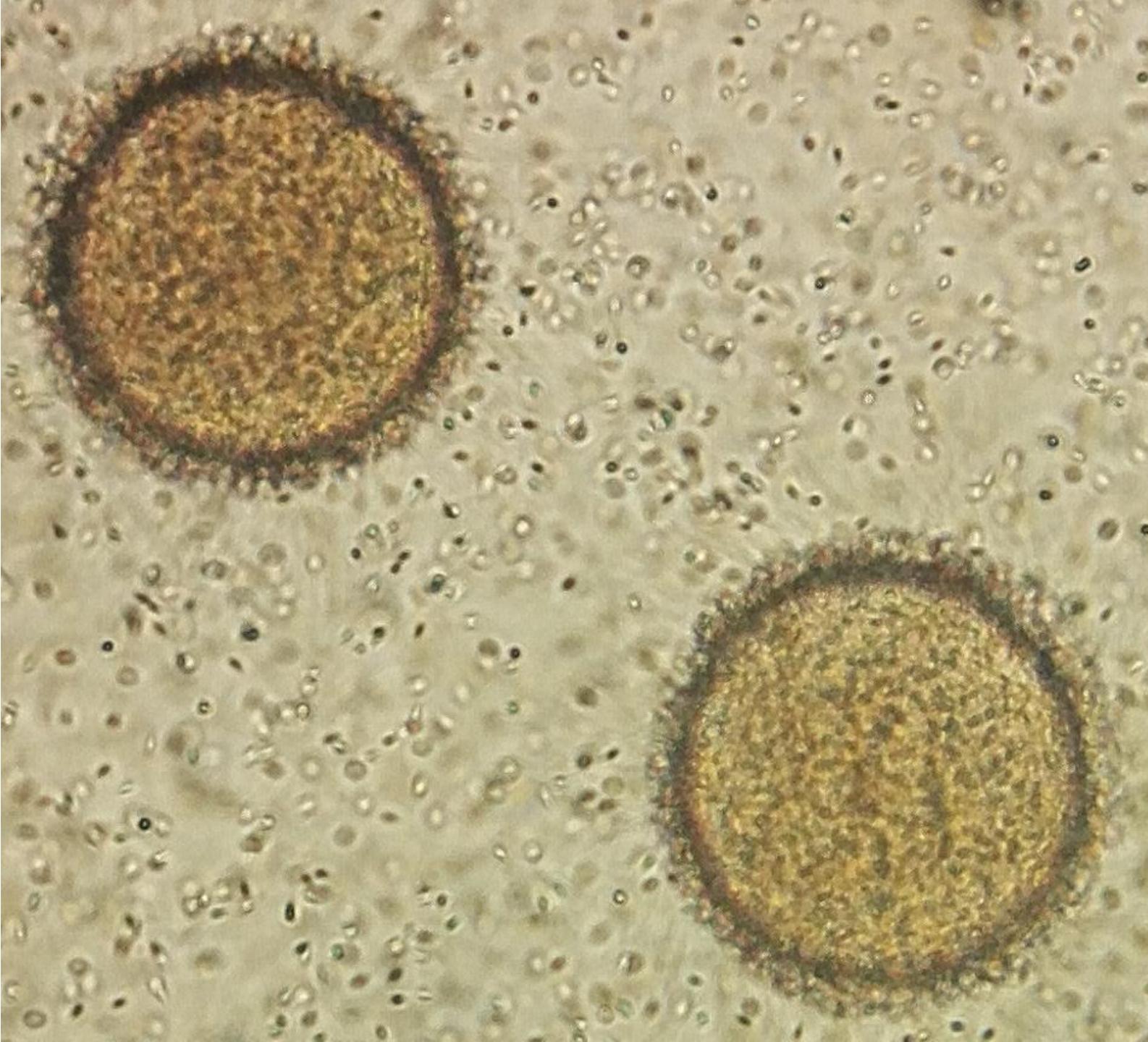
Maschio

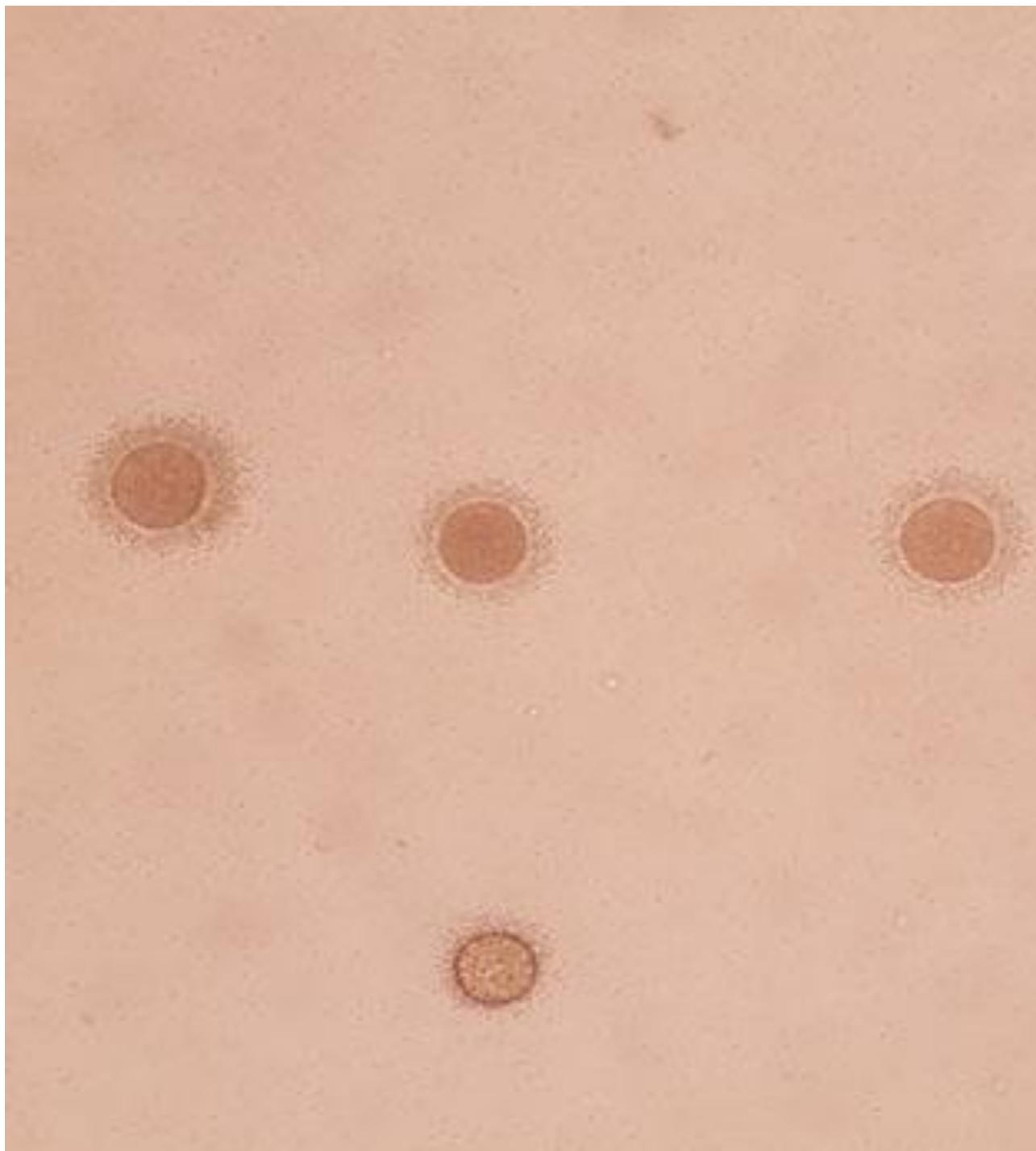


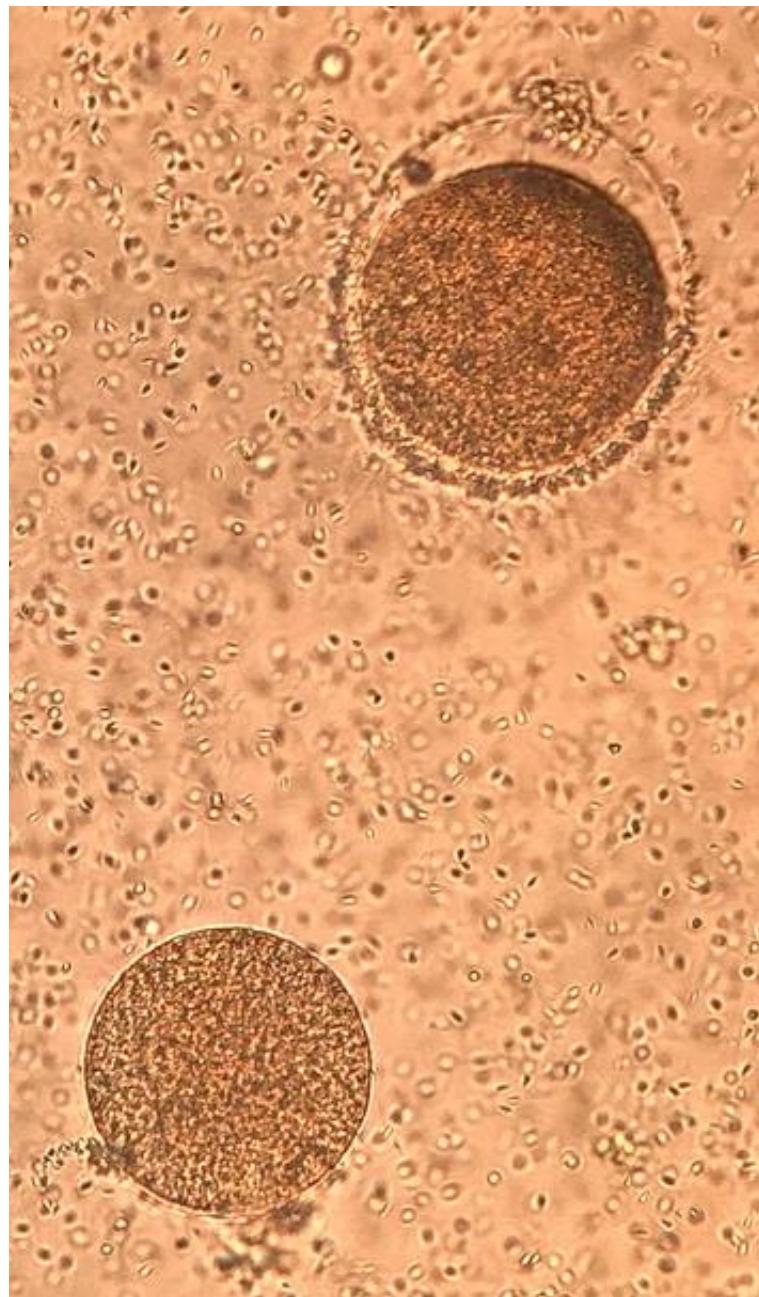






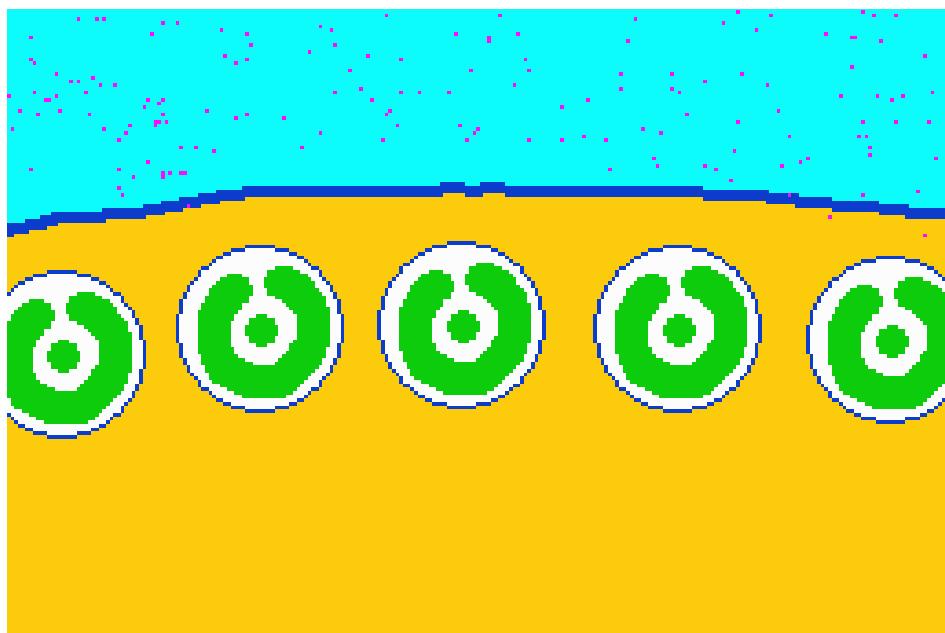
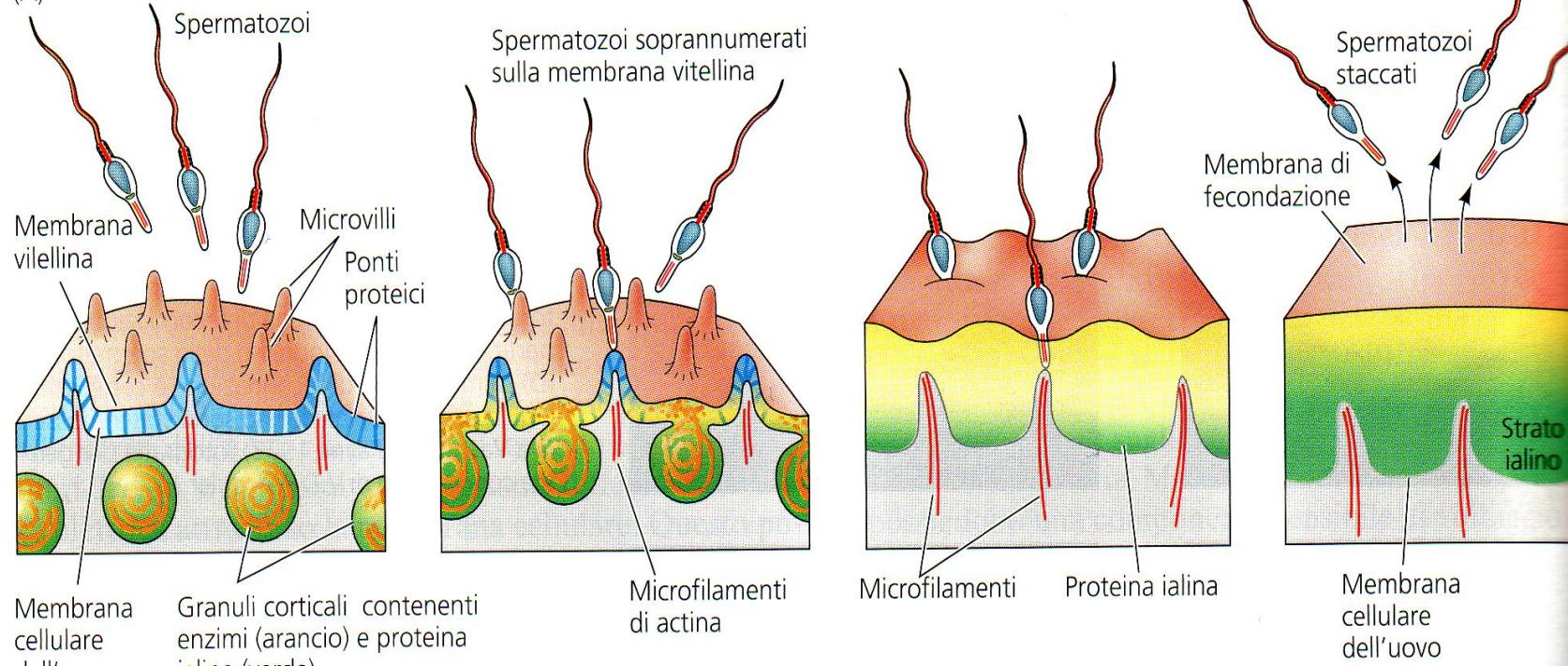




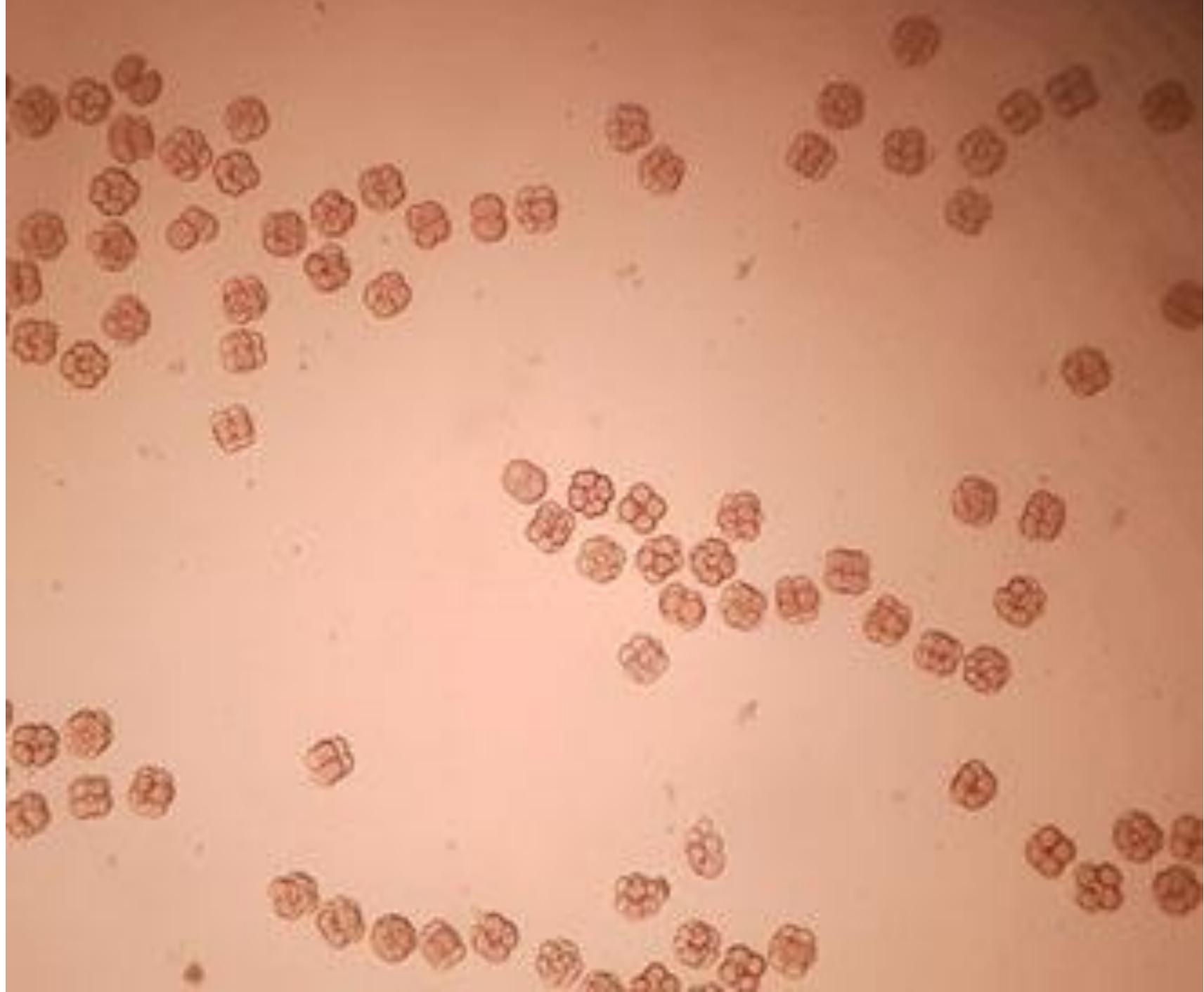


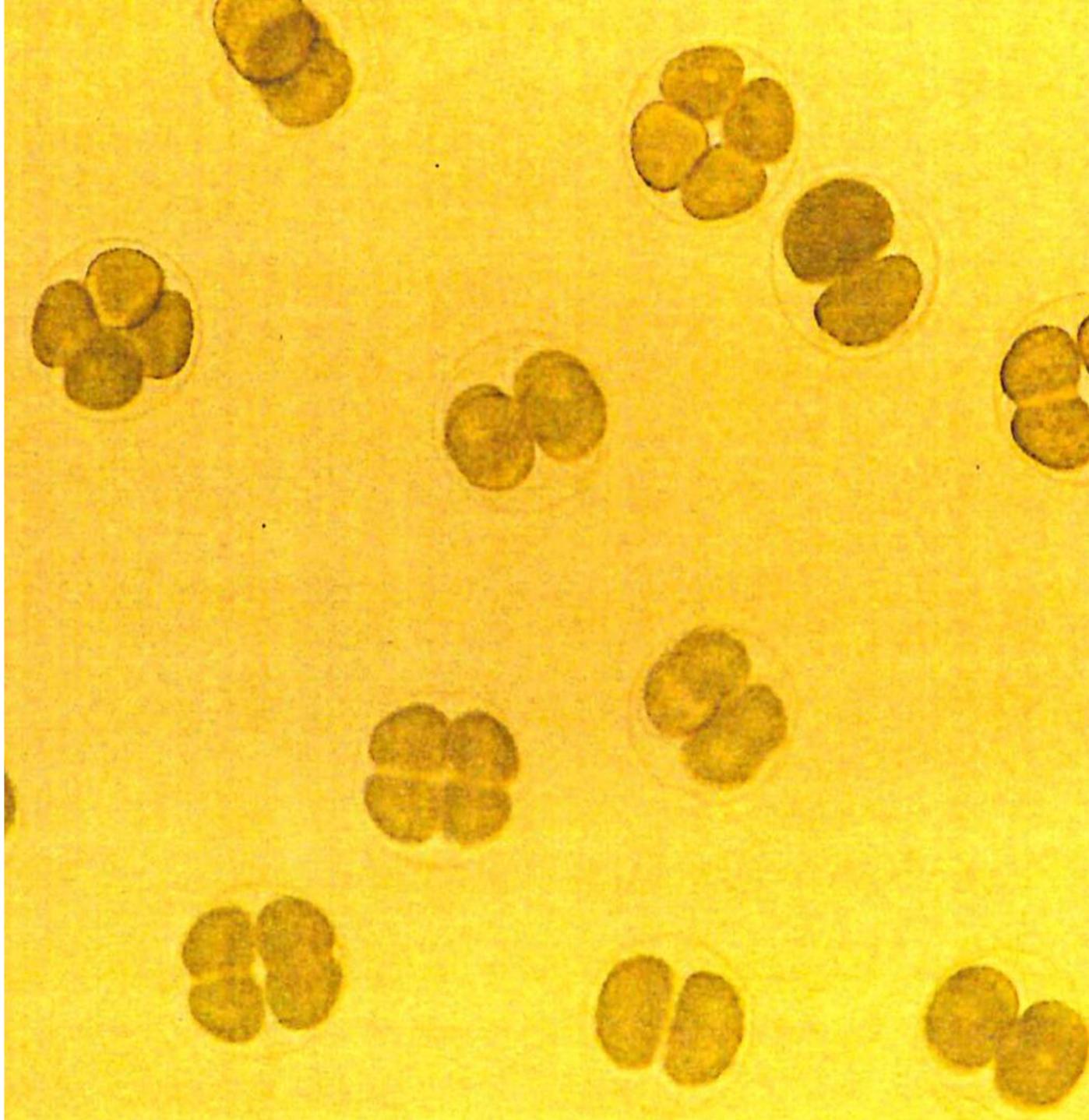


(A)

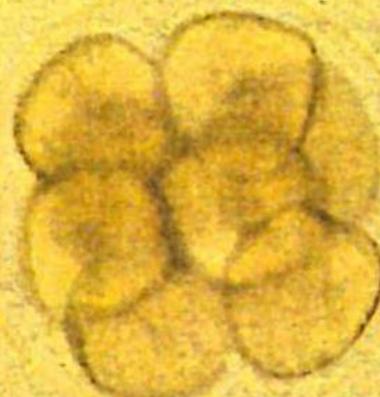
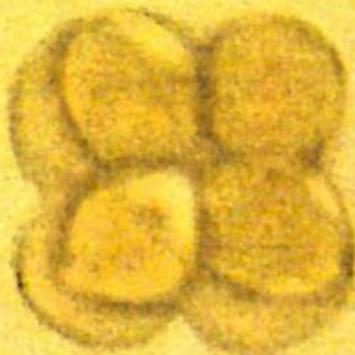


Segmentazione





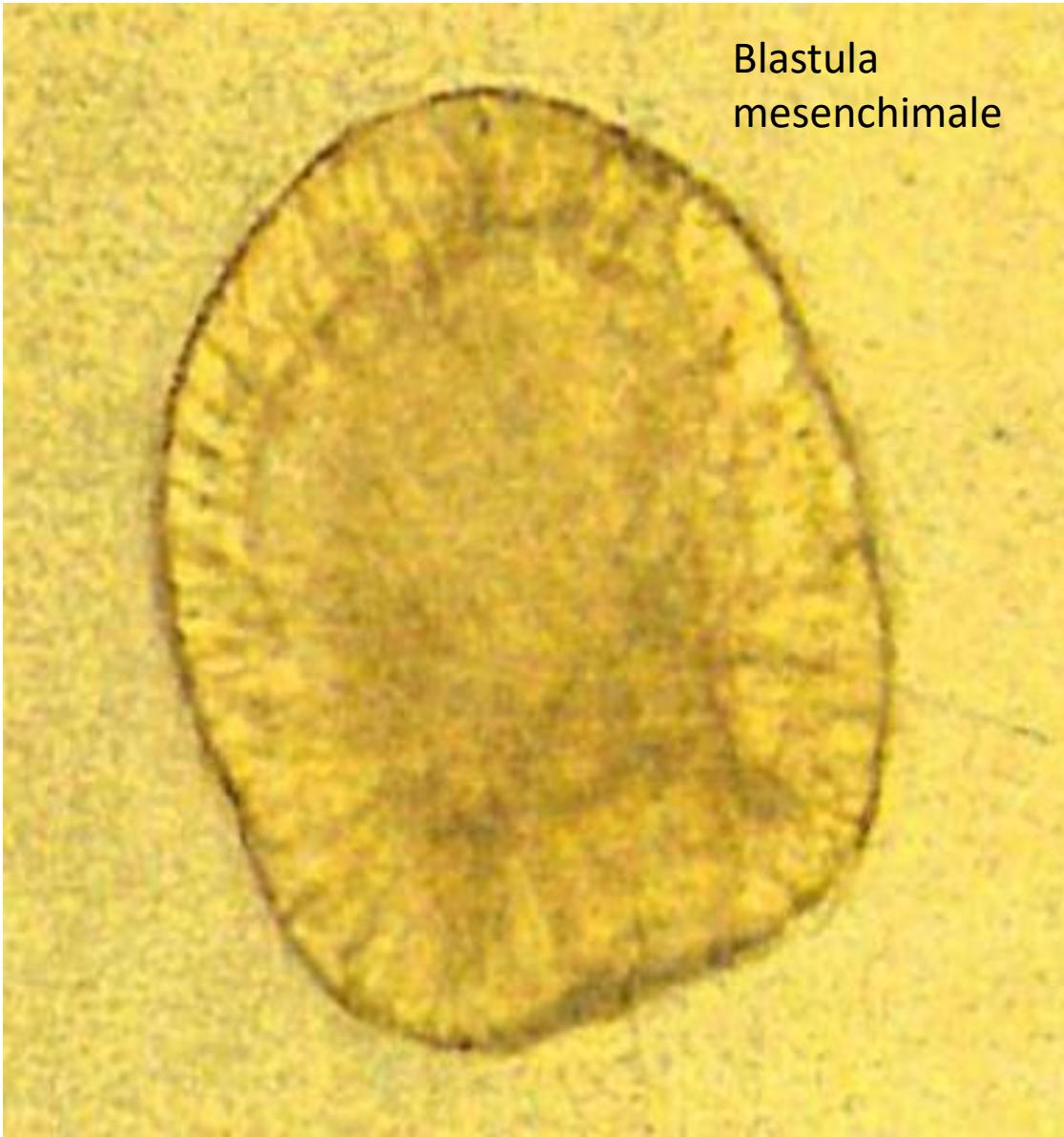








Blastula
mesenchimale



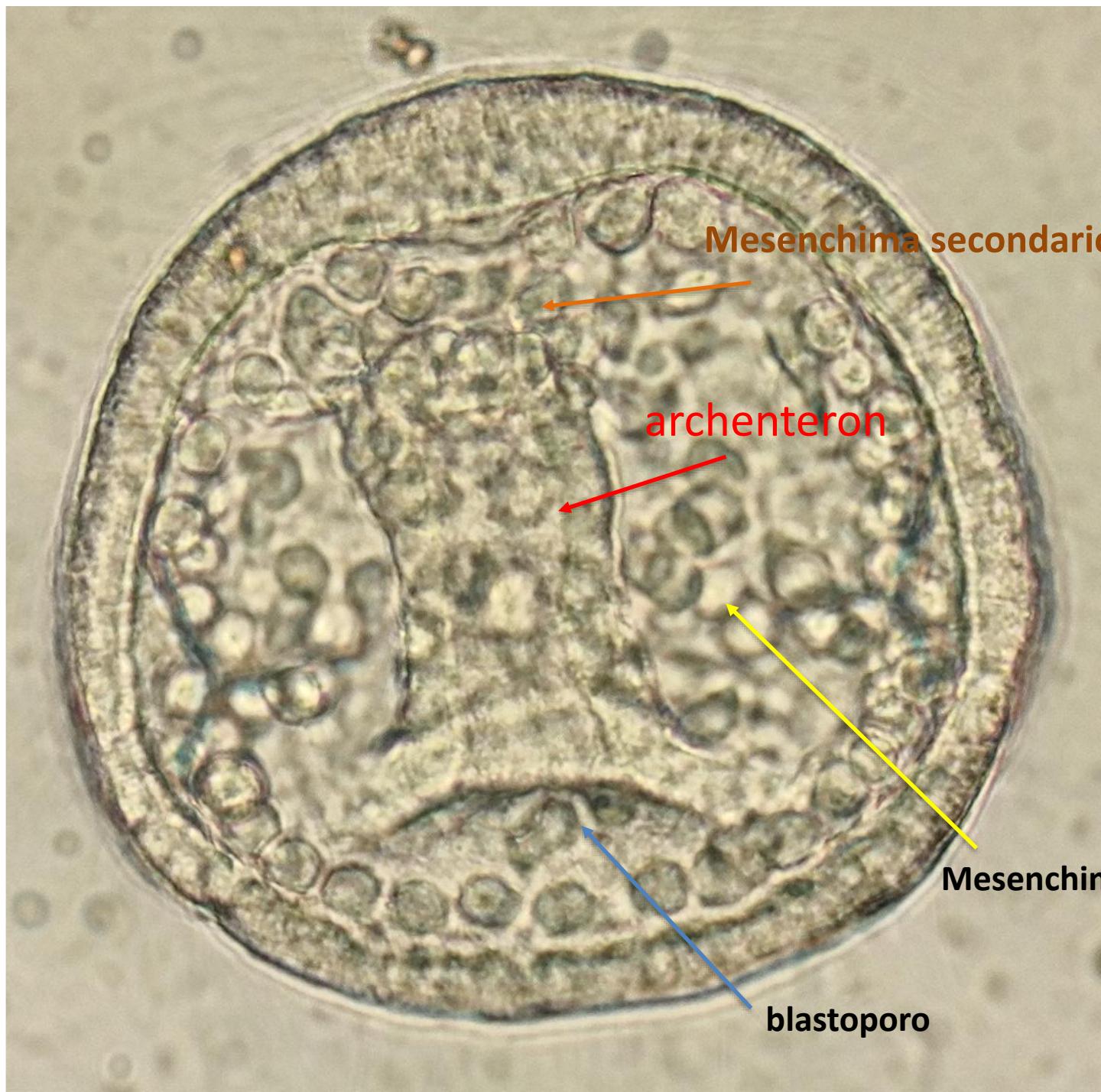
Gastrulazione



Ingressione dei micromeri





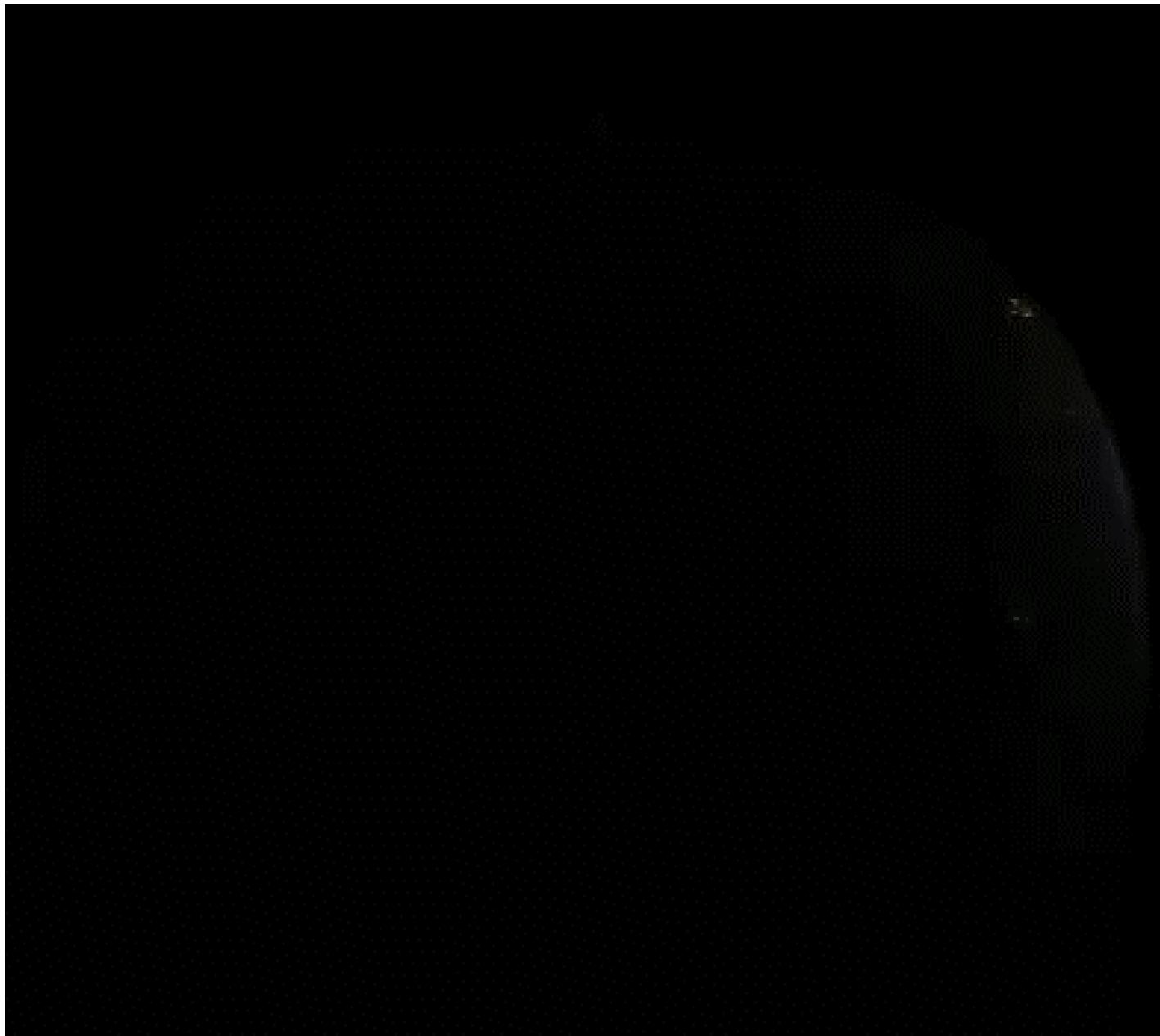




Inizio formazione della larva Pluteo



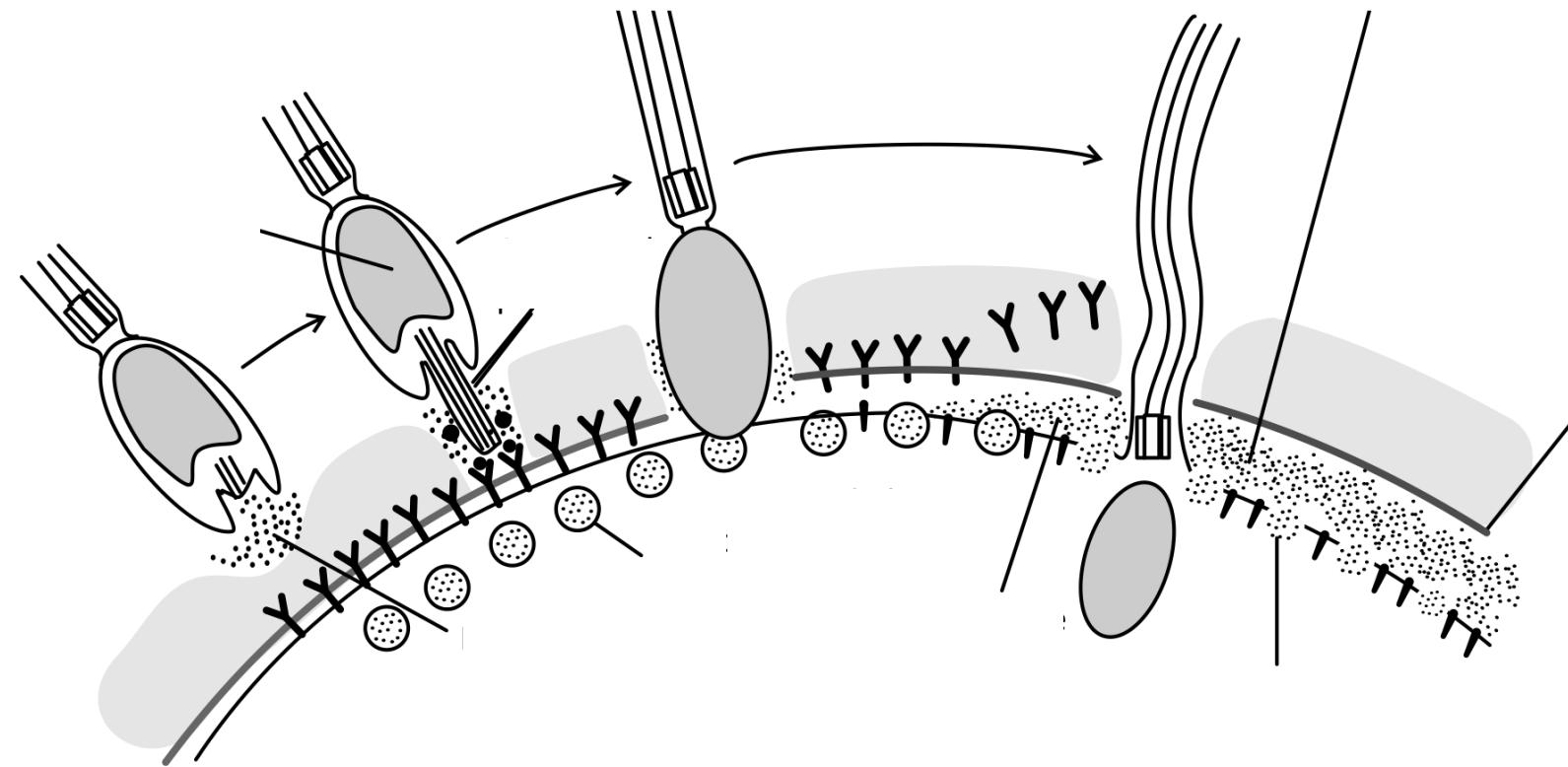


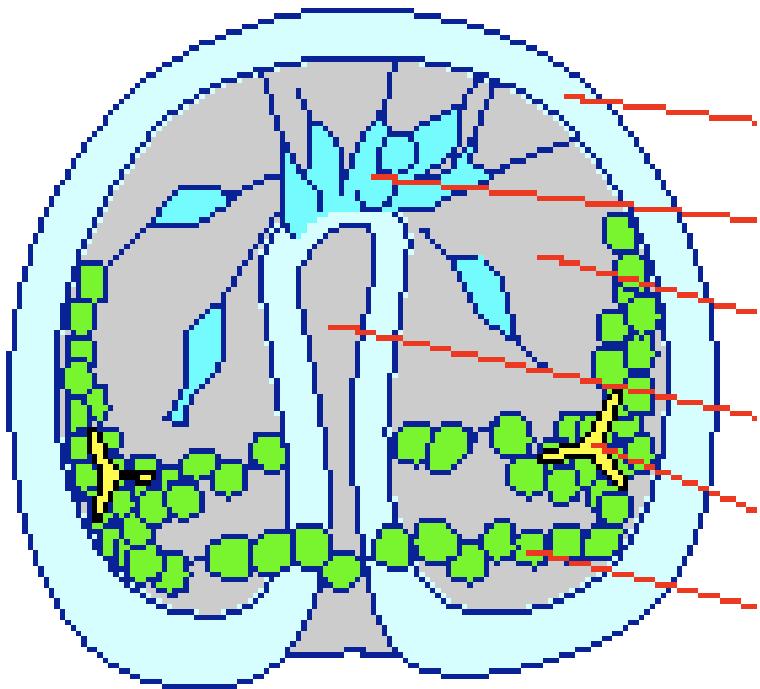


<https://www.youtube.com/watch?v=NXX578SYE4E>

<https://www.youtube.com/watch?v=LKaam4zW0Uk>

<https://www.youtube.com/watch?v=JQbWdaYmvhI>





Cortical reaction. Fusion of the gamete membranes triggers an increase of Ca^{+2} in the egg's cytosol, causing cortical granules in the egg to fuse with the plasma membrane and discharge their contents. This leads to swelling of the vitelline layer and clipping of sperm-binding receptors. The resulting **fertilization envelope** is the slow block to polyspermy.

