

LABORATORIO - 1

ANATOMIA COMPARATA E BIOLOGIA DELLO SVILUPPO 029SV

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UNIVERSITÀ
DEGLI STUDI
DI TRIESTE



Dipartimento di
Scienze della Vita

1. General Embryology

Lot-6392199 – Carolina

- 1.1 Starfish-Germinal Vesicle w.m. 31-1006 (E510)
- 1.2 Starfish Early Cleavage w.m. 31-1048 (E530)
- 1.3 Starfish Development w.m. 311126
- 1.4 Frog Egg Early Cleavage rep.sag.sec. 311242
- 1.5 Frog Late Cleavage rep.sa.sec. 31-1248
- 1.6 Frog Egg Blastula rep.sag.sec. 311254
- 1.7 Frog Early Yolk Plug rep. sag. Sec. 31-1266
- 1.8 Frog Late Yolk Plug rep.sag.sec. 31-1272
- 1.9 Frog Early Neural Groove c.s. 31-1278
- 1.10 Frog Late Neural Groove 31-1284(E1681)
- 1.11 Frog Early Neural Tube c.s. 311290
- 1.12 Frog Late Neural Tube c.s. 311296
- 1.13 Frog Embryo 5-7 mm w.m. C311332
- 1.14 Chick 27-29 hr w.m. 31-1550
- 1.15 Chick 33 hr w.m. 311562
- 1.16 Chick 48 hr w.m. 311592
- 1.17 Chick 48 hr rep. c.s. 31-1598
- 1.18 Chick 96 hr rep.sag.sec. E2590
- 1.19 Chick Composite rep.sag.sec. 31-1700
- 1.20 Pig 10 mm rep c.s. 31-1846
- 1.21 Pig 10 mm rep.sag.sec 311852

2. The Frog Embryology (*Rana temporaria*)

Set-8300 – Lieder

- 2.1 8301 - Morula, l.s. with macro- and micromeres
- 2.2 8302 - Blastula, l.s. shows blastocoel
- 2.3 8303 - Gastrula, sag.l.s. shows germ layers dorsal lip yolk plug
- 2.4 8304 - Neurula, t.s. primordium of notochord, primary intestinal cavity
- 2.5 8305 - Early tail bud stage, t.s.
- 2.6 8306 - Early tail bud stage, sag.l.s.
- 2.7 8307 - Hatching stage, t.s. through region of head or gills
- 2.8 8308 - Hatching stage, t.s. through region of midbody
- 2.9 8309 - Young tadpole, t.s. through head
- 2.10 8310 - Young tadpole, t.s. through thorax or abdomen



3. The Chicken Embryology (*Gallus domesticus*)

Set-8200 – Lieder

3.1	8201 - 24 hour t.s. with neural groove
3.2	8202 - 36 hour t.s. with neural tube
3.3	8203 - 48 hours l.s. with differentiation of mesoderm and ectoderm
3.4	8204 - 3 day t.s. through the body
3.5	8205 - 3 day t.s. of head
3.6	8206 - 3-4 day horizontal section of entire specimen
3.7	8207 - 4-5 day t.s. through region of head
3.8	8208 - 4-5 day t.s. through region of head
3.9	8209 - 8 day sagittal l.s. through entire specimen
3.10	8210 - Feather development sec. through wings in different stages

4. The Pig Embryology (*Sus scrofa*)

Set-8600 – Lieder

4.1	8601 - 4-6 mm typical t.s.
4.2	8602 - 7-9 mm sagittal l.s.
4.3	8603 - 11-12 mm typical t.s. through region of head
4.4	8604 - 11-12 mm typical t.s. through region of abdomen
4.5	8605 - 15 mm typical t.s. through region of head
4.6	8606 - 15 mm typical t.s. through region of thorax
4.7	8607 - 15 mm typical t.s. through region of abdomen
4.8	8608 - 15 mm sagittal l.s.
4.9	8609 - 20-25 mm sagittal l.s.
4.10	8610 - 20-25 mm frontal l.s.

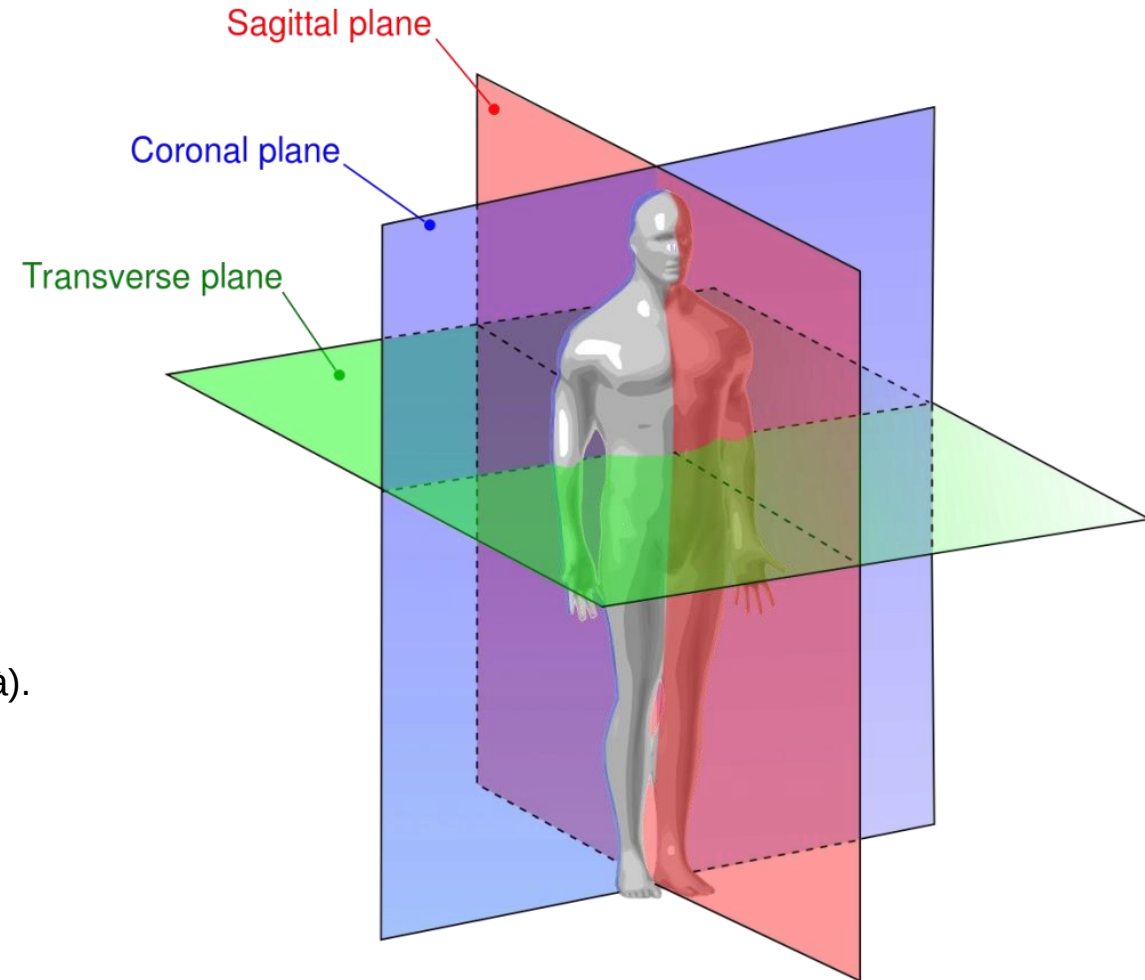


Termini di posizione

- **Piano sagittale**: divide il corpo in metà destra e sinistra.
- **Piano frontale (o coronale)**: divide il corpo in una parte anteriore (ventrale) e una posteriore (dorsale).
- **Piano trasversale (o assiale)**: divide il corpo in una parte superiore (craniale o cefalica) e una inferiore (caudale).

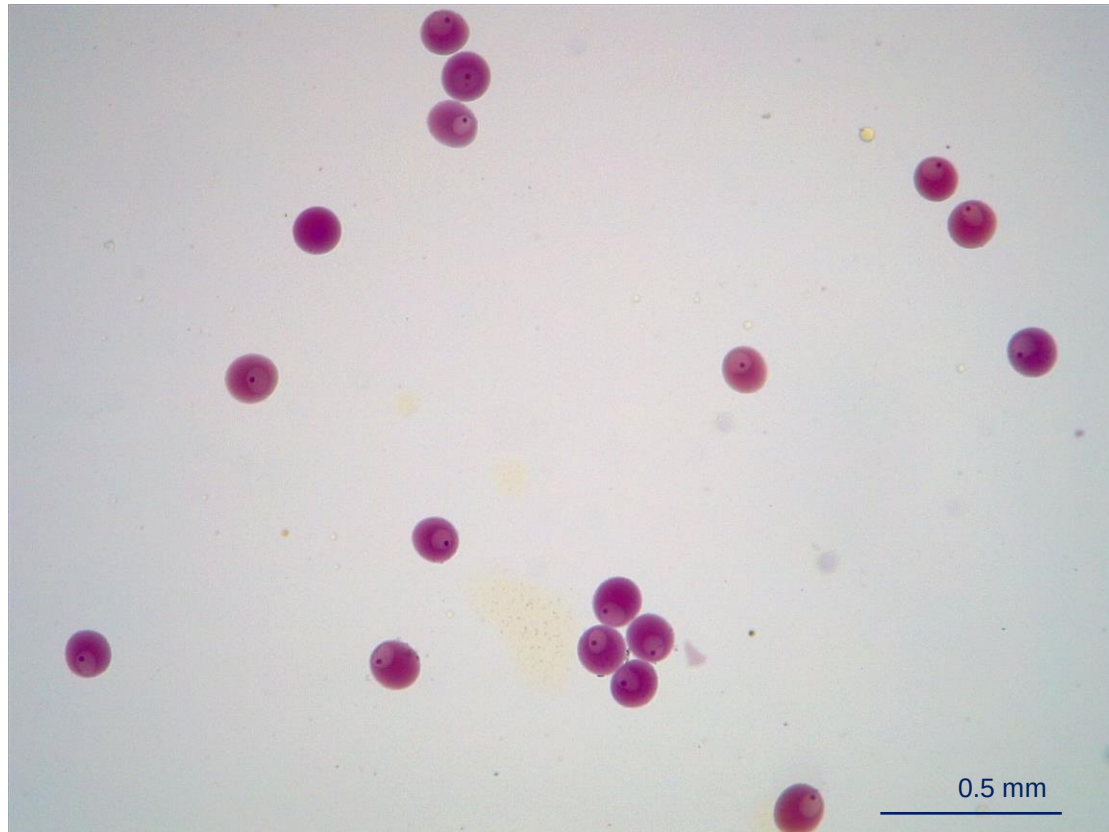
Termini di posizione relativi

- **Mediale**: vicino al piano mediano (la linea immaginaria che divide il corpo a metà).
- **Laterale**: lontano dal piano mediano.
- **Prossimale**: vicino al punto di origine o di attacco di un arto.
- **Distale**: lontano dal punto di origine o di attacco di un arto.
- **Anteriore (o ventrale)**: verso la parte anteriore del corpo.
- **Posteriore (o dorsale)**: verso la parte posteriore del corpo.
- **Superiore (o craniale o cefalico)**: verso la testa.
- **Inferiore (o caudale)**: verso la coda o la parte inferiore del corpo.
- **Superficiale (o esterno)**: vicino alla superficie del corpo.
- **Profondo (o interno)**: lontano dalla superficie del corpo.



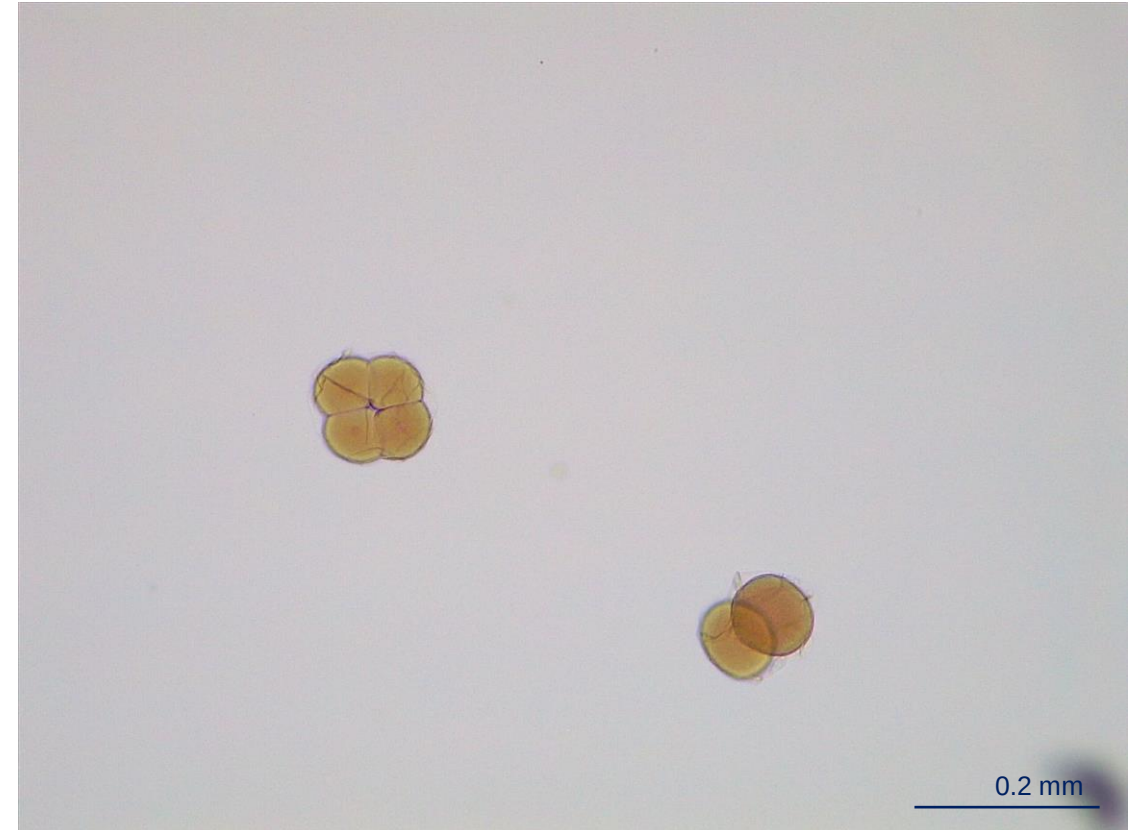
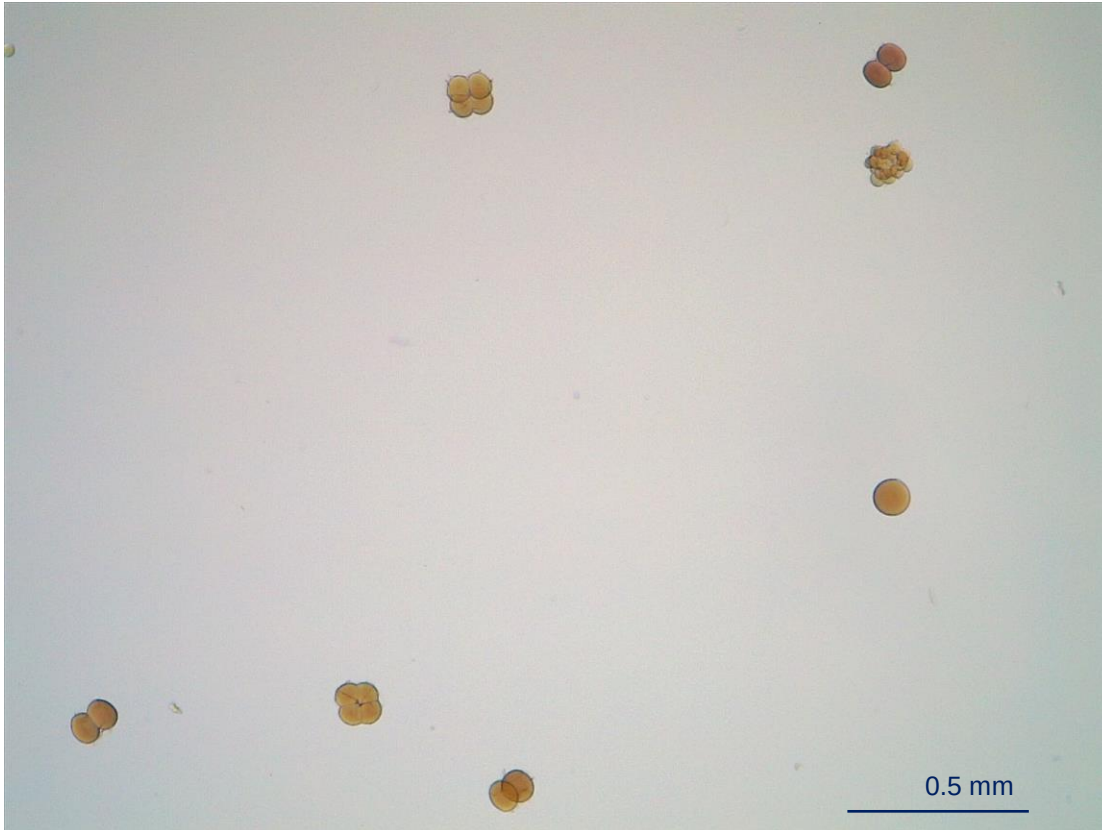
1. General Embryology

1.1 Starfish-Germinal Vesicle w.m. 31-1006 (E510)



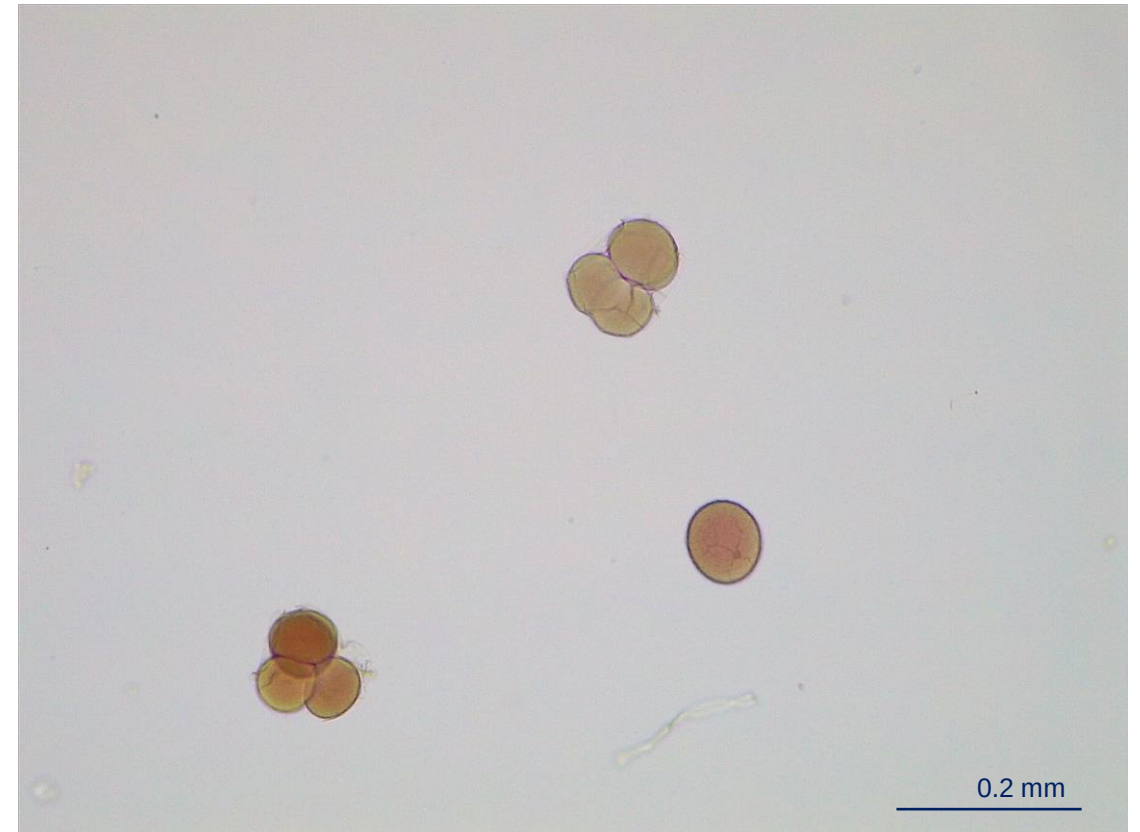
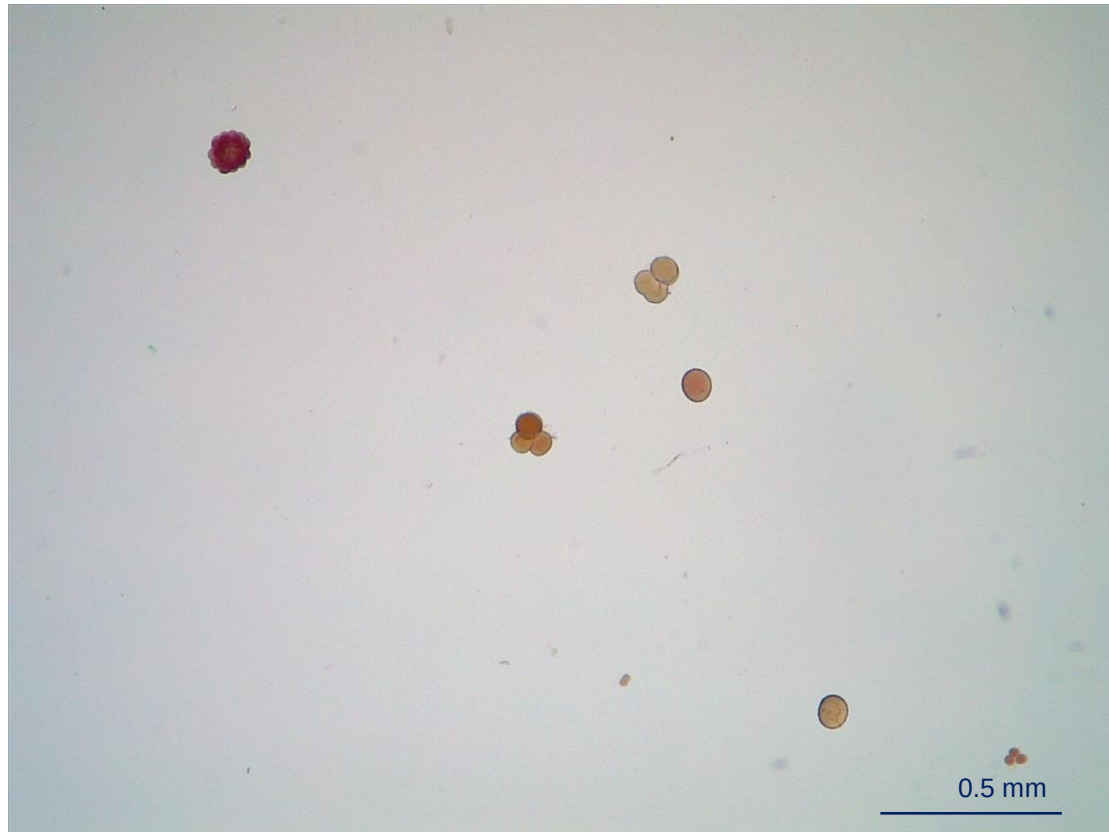
1. General Embryology

1.2 Starfish Early Cleavage w.m. 31-1048 (E530)



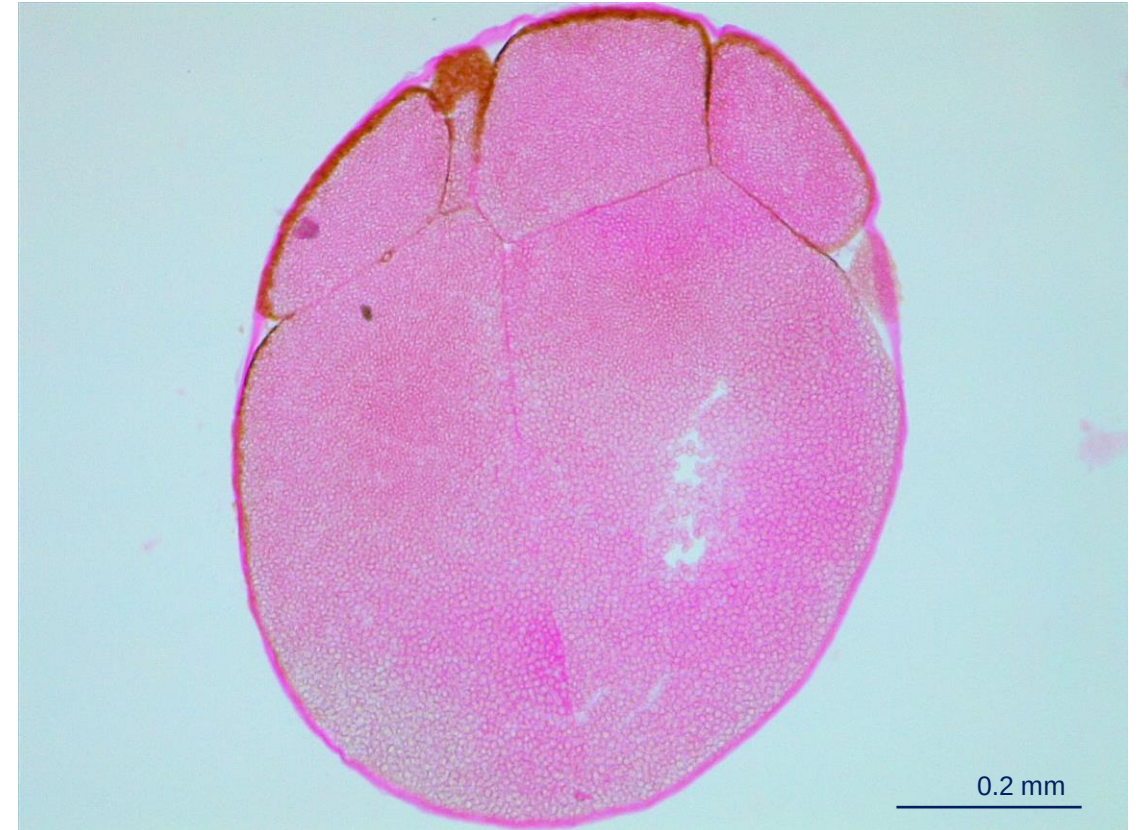
1. General Embryology

1.3 Starfish Development w.m. 311126



1. General Embryology

1.4 Frog Egg Early Cleavage rep.sag.sec. 311242



1. General Embryology

1.5 Frog Late Cleavage rep.sa.sec. 31-1248



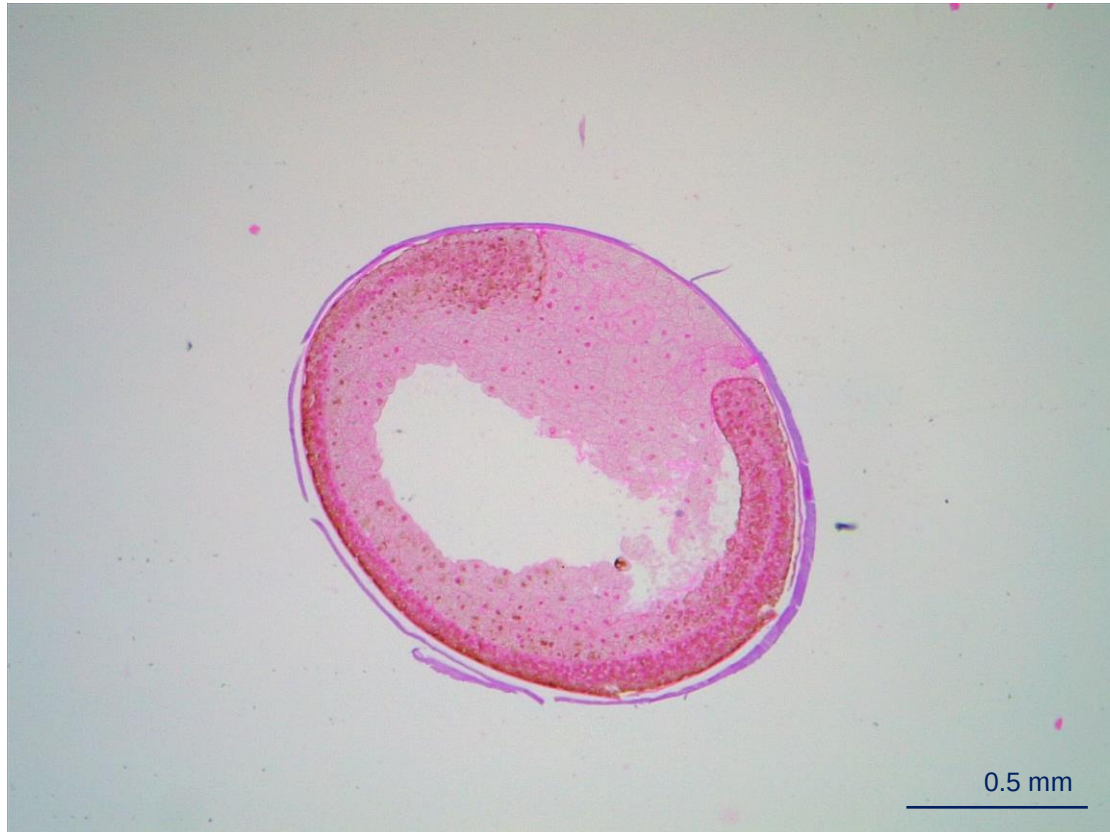
1. General Embryology

1.6 Frog Egg Blastula rep.sag.sec. 311254



1. General Embryology

1.7 Frog Early Yolk Plug rep. sag. Sec. 31-1266

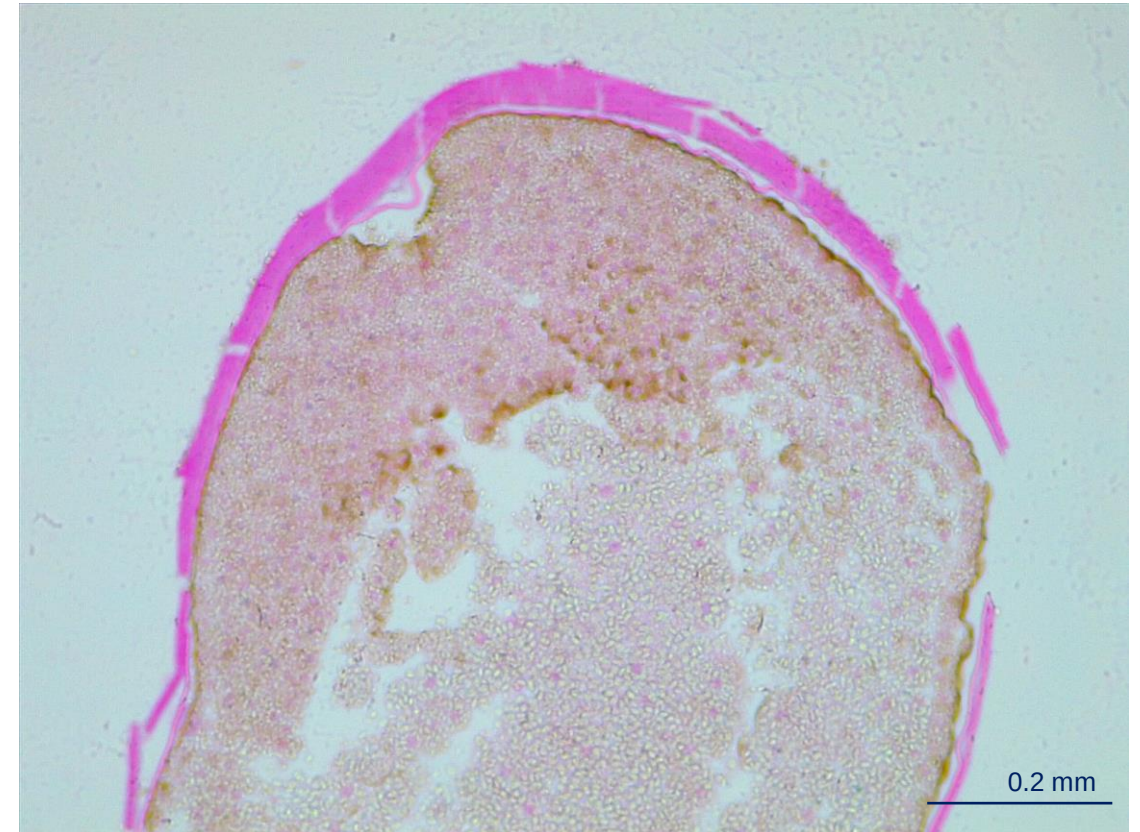


1.8 Frog Late Yolk Plug rep.sag.sec. 31-1272



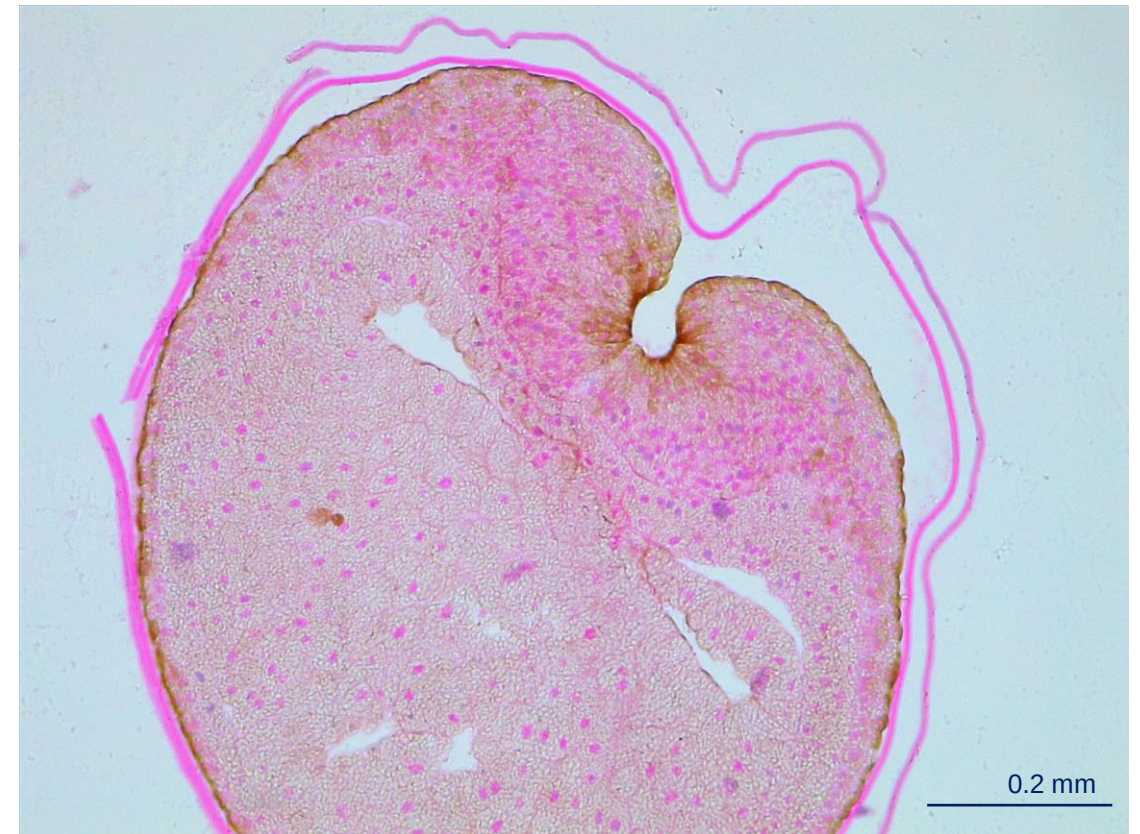
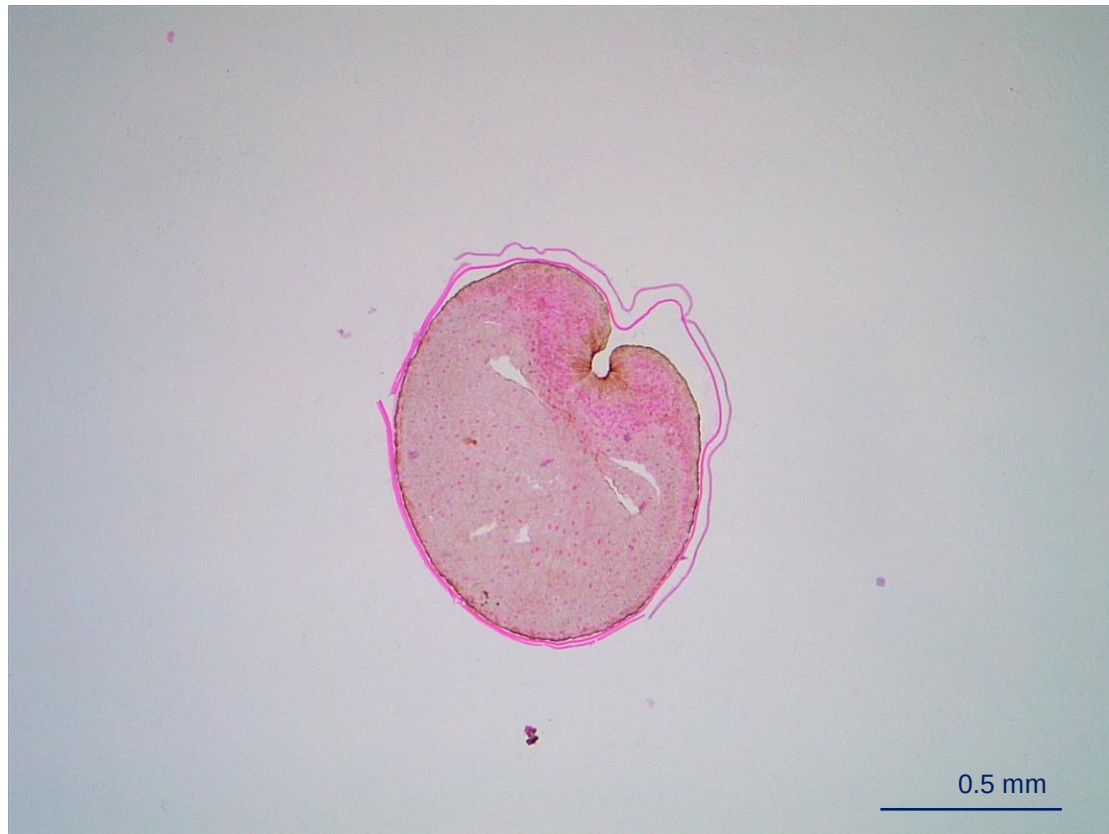
1. General Embryology

1.9 Frog Early Neural Groove c.s. 31-1278



1. General Embryology

1.10 Frog Late Neural Groove 31-1284(E1681)



1. General Embryology

1.11 Frog Early Neural Tube c.s. 311290

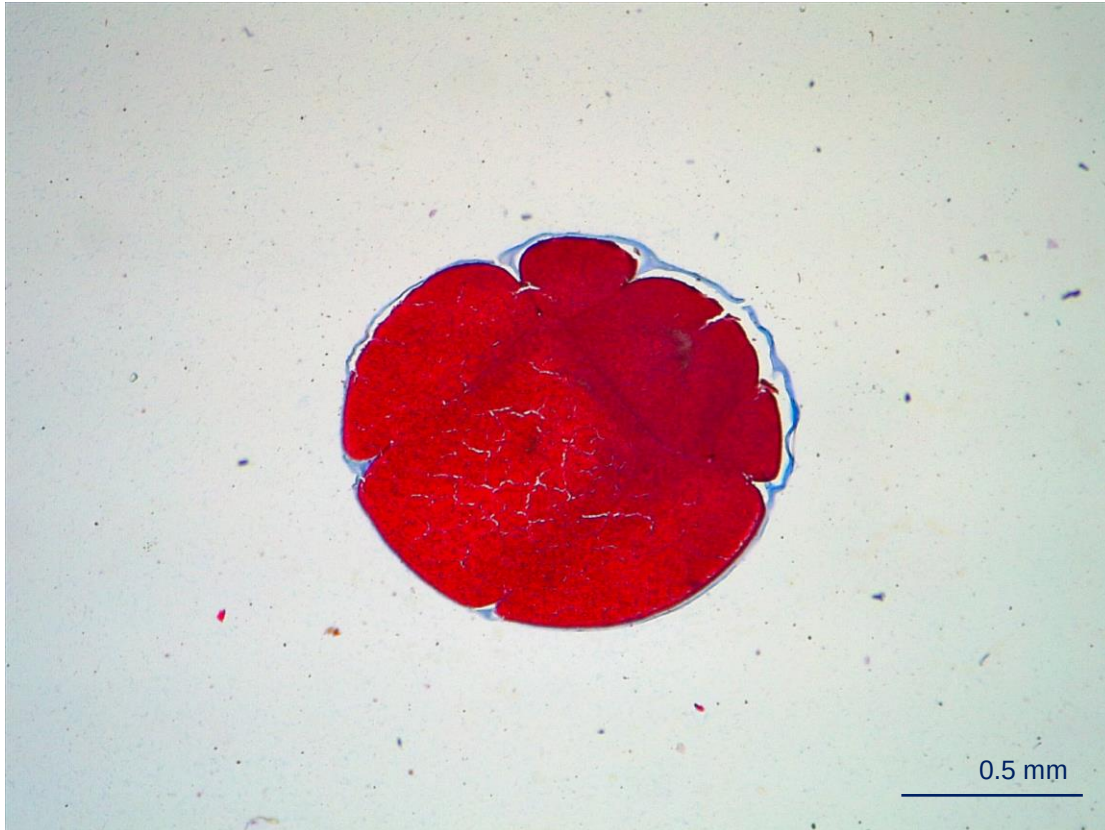


1.12 Frog Late Neural Tube c.s. 311296



2. The Frog Embryology

2.1 8301 - Morula, l.s. with macro- and micromeres



2.2 8302 - Blastula, l.s. shows blastocoel



2. The Frog Embryology

2.3 8303 - Gastrula, sag.l.s. shows germ layers
dorsal lip yolk plug



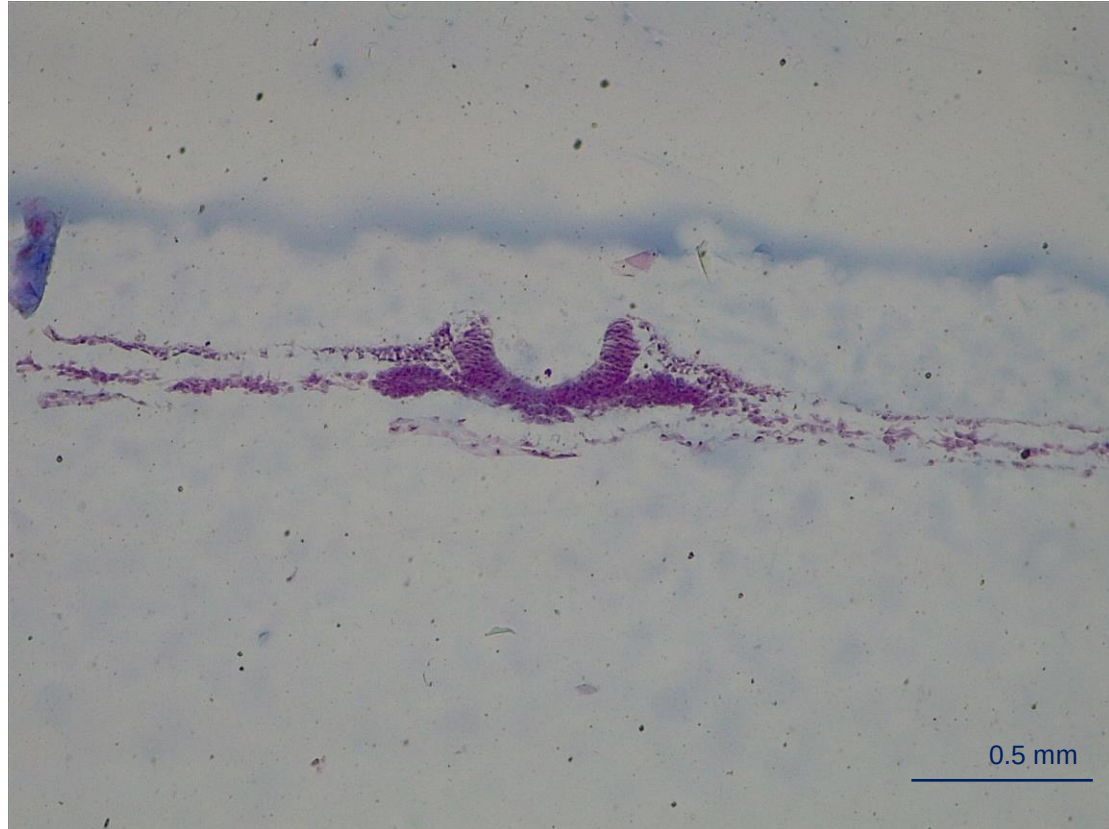
2. The Frog Embryology

2.4 8304 - Neurula, t.s. primordium of notochord, primary intestinal cavity



3. The Chicken Embryology

3.1 8201 - 24-hour t.s. with neural groove



3.2 8202 - 36 hour t.s. with neural tube



4. The Pig Embryology

4.1 8601 - 4-6 mm typical t.s.

