

# Slide key

## Spermatogenesis:

1. Cross section of mammalian testis
2. Cross section of frog testis
3. Cross section of bird testis
4. Vertical section of insect testis follicle
5. Smear of human sperm
6. Smear of rabbit sperm
7. Smear of rat sperm

## Oogenesis:

8. Cross section of mammalian ovary
9. Cross section of frog ovary
10. Cross section of bird ovary

## Early development stages of Amphioxus:

11. Whole mount of adult stage of amphioxus
12. Vertical section of early stage of amphioxus larvae
13. Vertical section of late stage of amphioxus larvae
14. Whole mount of fertilized egg in Amphioxus
15. Whole mount of 2-blastomeres stage in Amphioxus
16. Whole mount of 4-blastomeres stage in Amphioxus
17. Whole mount of 8-blastomeres stage in Amphioxus
18. Whole mount of 16-blastomeres stage in Amphioxus
19. Whole mount of 32-blastomeres stage in Amphioxus
20. Cross section of blastula in Amphioxus
21. Cross section of early gastrula in Amphioxus
22. Cross section of late gastrula in Amphioxus

#### Early amphibian development:

- 23.cross section of fertilized egg of frog
- 24.cross section of 2 - blastomers stage of frog
- 25.cross section of 4 - blastomers stage of frog
- 26.cross section of 8 - blastomers stage of frog
- 27.cross section of 16 - blastomers stage of frog
- 28.cross section of blastula stage of frog
- 29.cross section of Mid gastrula of frog
- 30.cross section of late gastrula of frog
31. cross section of frog embryo shows neural plate
- 32.cross section of frog embryo shows neural fold
- 33.cross section of frog embryo shows neural tube
- 34.cross section of frog embryo at hatching stage through head and developing eye
- 35.cross section of frog embryo at hatching stage through region of heart and gills

#### Early Fish development:

- 36.Whole mount in one day larvae of turbot fish
- 37.Whole mount in two larvae of turbot fish
- 38.Whole mount in three larvae of turbot fish
- 39.Cross section in turbot larvae throw anterior region
- 40.Cross section in turbot larvae throw trunk region

#### Early Development Stages of the Chick embryo (16 - 24 h) :

41. Whole mount of 16 hour chick embryo
- 42.Cross section in 16 hour chick embryo through hensel node
- 43.Whole mount of 24 hour chick embryo
- 44.Vertical section of 24 hour chick embryo
- 45.Cross section in 24 hour chick embryo through hensel node
- 46.Cross section in 24 hour chick embryo shows neural fold
- 47.Cross section in 24 hour chick embryo shows neural tube
- 48.Cross section in 24 hour chick embryo through head region

Early Development Stages of the Chick embryo (33 h) :

- 49. Whole mount of 33 hour chick embryo

Early Development Stages of the Chick embryo (48 h) :

- 50. Whole mount of 48 hour chick embryo
- 51. Vertical section of 48 hour chick embryo
- 52. cross section of 48 hour chick embryo through eye and pharynx pouchs
- 53. cross section of 48 hour chick embryo through heart
- 54. cross section of 48 hour chick embryo through the anterior intestinal portal
- 55. cross section of 48 hour chick embryo through trunk region and lateral body fold
- 56. cross section of 48 hour chick embryo through trunk region

Early Development Stages of the Chick embryo (72 h) :

- 57. Vertical section of 72 hour chick embryo
- 58. cross section of 72 hour chick embryo through eye and heart
- 59. cross section of 72 hour chick embryo through pharyngeal pouch
- 60. cross section of 72 hour chick embryo through stomach

Early Development Stages of the Chick embryo (96 h) :

- 61. Vertical section of 96 hour chick embryo

# Movie key

Spermatogenesis :

1. A movie clip shows the spermatogenesis in mammalian ( 2 movie )

Oogenesis:

2. A movie clip shows the oogenesis in mammalian

Early development stages of Amphioxus:

3. A movie clip shows the early development stages in Amphioxus embryo

Early amphibian development:

4. A movie clip shows the early development stages to blastula stage in frog embryo ( 2 movie )
5. A movie clip shows the early development stage in frog embryo ( 2 movie )
6. A movie clip shows the neurulation in frog embryo

Early Development stages of the Chick embryo

1. A movie clip shows the head fold formation in chick embryo
2. A movie clip shows 72 hours chick embryo with heart beat
3. A movie clip shows the embryonic development of chick embryo