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Data base of Histology Color slides

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01 The Cell





01-001. Cell structure (Scheme)







01-01. A human egg cell 1. H-E stain, x 250.

Zona pellucida

- Ovarian stroma

Nuclear envelop

Nucleolus

Basement membrane

Follicular cells

01-02. A human egg cell 2. Epon section, toluidinblue stain, x 200.

Nucleus

Cytoplasm





01-04. Mitosis 2. Prophase 2. Fish blastula, Iron-hematoxylin stain, x 400.



01-05. Mitosis 3. Prometaphase 1. Fish blastula, Iron-hematoxylin stain, x 500.



01-06. Mitosis 4. Prometaphse 2. Fish blastula, Iron-hematoxylin stain, x 500.



01-07. Mitosis 5. Metaphase 1. Fish blastula, Iron-hematoxylin stain, x 500.



01-08. Mitosis 6. Metaphase 2. Fish blastula, Iron-hematoxylin stain, x 400





01-09. Mitosis 7. Metaphase 3. Fish blastula, Iron-hematoxylin stain, x 500.



01-10. Mitosis 8. Anaphas 1. x 640. Fish blastula.



01-11. Mitosis 9. Anaphase 2. Fish blastula, Iron-hematoxylin stain, x 640.



01-12. Mitosis 10. Anaphase 3. Fish blastula, Iron-hematoxylin stain, x 500.



01-13. Mitosis 11. Anaphase 4. Fish blastula, Iron-hematoxylin stain, x 500.



01-14. Mitosis 12. Telophase 1. Fish blastula, Iron-hematoxylin stain, x 500.



01-15. Mitosis 13. Teloohase 2. Fish blastula, Iron-hematoxylin stain, x 400.



01-16. Chromosomes, Human male. Giemsa stain, x 500.



01-17. Chromosomes, Human female. Giemsa stain, x 500.





KSAKKA XAXK 5
 1
 8
 8
 7
 8
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 11
 12
15 XS JAA 16 17 18 **** **** 19 20 21 22 3 XY

- D Male chromosomes
-) Female chromosomes
- 3 Development of male chromosomes

01-18. Analysis of human chromosomes.



01-19. Golgi-complex 1. Guinea pig, trigeminal ganglion, OsO₄ method, X 400.



01-20. Golgi-complex 2. Guinea pig, trigeminal ganglion, OsO₄ method, x 400.



01-21. Golgi-complex 3. Monkey pancreas, silver impregnation, and Kernechtrot stain, x 400.



01-22. Golgi-complex 4. Rat, ductus epididymidis, Da Fano's method, x 160.



01-23. Mitochondria 1. Mouse renal tubules, Iron-hematoxylin stain, x 400.



01-24. Mitochondria 2. Mouse pancreatic acinar cells, Iron-hematoxylin stain, x 400.





01-25. Mitochondria 3. Mouse intestinal epithelium, Iron-hematoxylin stain, x 400.



01-26. Mitochondria 4. Mouse renal tubules, epon section, toluidinblue stain, x 400.



01-27. Basophilia of pancreatic acinar cells. Mouse, toluidinblue and eosin stain, x 225.