

# BS3570: Human Embryology and Endocrinology

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1.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

2.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

3.

Carlson BM. Human Embryology and Developmental Biology. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

4.

Carlson BM. Human Embryology and Developmental Biology [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

5.

Gilbert SF, Barresi MJF. Developmental Biology. 11th Edition. Sunderland, Massachusetts, U.S.A.: Sinauer Associates, Inc., Publishers; 2016.

6.

Goodman HM. Basic Medical Endocrinology. 4th ed. Amsterdam: Academic; 2009.

7.

Goodman HM. Basic Medical Endocrinology [Internet]. Amsterdam: Elsevier/Academic Press; 2009. Available from:  
<http://ezproxy01.rhul.ac.uk/login?url=http://lib.myilibrary.com?id=179541>

8.

Greenspan FS, Gardner DG. Basic & Clinical Endocrinology. 7th ed. New York: McGraw-Hill; 2004.

9.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

10.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

11.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

12.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

13.

Carlson BM. Human Embryology and Developmental Biology. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

14.

Carlson BM. Human Embryology and Developmental Biology [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

15.

Gilbert SF, Barresi MJF. Developmental Biology. 11th Edition. Sunderland, Massachusetts, U.S.A.: Sinauer Associates, Inc., Publishers; 2016.

16.

Cockburn K, Rossant J. Making the Blastocyst: Lessons From the Mouse. Journal of Clinical Investigation [Internet]. 2010;120(4):995–1003. Available from:  
[https://librarysearch.royalholloway.ac.uk/permalink/f/1cm8pdv/TN\\_cdi\\_pubmedcentral\\_primary\\_oai\\_pubmedcentral\\_nih\\_gov\\_2846056](https://librarysearch.royalholloway.ac.uk/permalink/f/1cm8pdv/TN_cdi_pubmedcentral_primary_oai_pubmedcentral_nih_gov_2846056)

17.

Rossant J, Tam PPL. Blastocyst Lineage Formation, Early Embryonic Asymmetries and Axis Patterning in the Mouse. Development. 2009;136(5):701–13.

18.

Chi F, Beniwal AS, Liu H. The Apical Domain Defines the Trophectoderm Differentiation in Early Mammalian Embryo by Regulating Yap Nuclear Translocation [open access]. AME Medical Journal [Internet]. 2017;2(10). Available from:  
<http://amj.amegroups.com/article/view/4107/4852>

19.

Korotkevich E, Niwayama R, Courtois A, Friese S, Berger N, Buchholz F, et al. The Apical Domain Is Required and Sufficient for the First Lineage Segregation in the Mouse Embryo. Developmental Cell. 2017;40(3):235–247.e7.

20.

Mihajlović AI, Bruce AW. The First Cell-Fate Decision of Mouse Preimplantation Embryo Development: Integrating Cell Position and Polarity. *Open Biology*. 2017;7(11).

21.

Fulka H. Chromatin in Early Mammalian Embryos: Achieving the Pluripotent State. *Differentiation*. 2008;76(1):3–14.

22.

Lanner F, Rossant J. The Role of FGF/Erk Signaling in Pluripotent Cells. *Development*. 2010;137(20):3351–60.

23.

Arnold SJ, Robertson EJ. Making a Commitment: Cell Lineage Allocation and Axis Patterning in the Early Mouse Embryo. *Nature Reviews Molecular Cell Biology*. 2009;10(2):91–103.

24.

Gilbert SF, Barresi MJF. *Developmental Biology*. 11th Edition. Sunderland, Massachusetts, U.S.A.: Sinauer Associates, Inc., Publishers; 2016.

25.

Carlson BM. *Human Embryology and Developmental Biology*. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

26.

Carlson BM. *Human Embryology and Developmental Biology* [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

27.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

28.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

29.

Syllabus contents [Internet]. Available from: [https://syllabus.med.unc.edu/courseware/embryo\\_images/unitwelcome/welcome\\_htms/contents.htm#](https://syllabus.med.unc.edu/courseware/embryo_images/unitwelcome/welcome_htms/contents.htm#)

30.

Artus J, Chazaud C. A Close Look at the Mammalian Blastocyst: Epiblast and Primitive Endoderm Formation. *Cellular and Molecular Life Sciences*. 2014;71(17):3327–38.

31.

Rossant J, Tam PPL. Blastocyst Lineage Formation, Early Embryonic Asymmetries and Axis Patterning in the Mouse. *Development*. 2009;136(5):701–13.

32.

Takaoka K, Hamada H. Cell Fate Decisions and Axis Determination in the Early Mouse Embryo. *Development*. 2012;139(1):3–14.

33.

Nowotschin S, Hadjantonakis AK. Cellular Dynamics in the Early Mouse Embryo: From Axis Formation to Gastrulation. *Current Opinion in Genetics & Development*. 2010;20(4):420–7.

34.

Srinivas S. The Anterior Visceral Endoderm—Turning Heads. *genesis*. 2006;44(11):565–72.

35.

Stower MJ, Srinivas S. Heading Forwards: Anterior Visceral Endoderm Migration in Patterning the Mouse Embryo. *Philosophical Transactions of the Royal Society B: Biological Sciences*. 2014;369(1657):20130546–20130546.

36.

Stephenson RO, Rossant J, Tam PP. L. Intercellular Interactions, Position, and Polarity in Establishing Blastocyst Cell Lineages and Embryonic Axes. *Cold Spring Harbor Perspectives in Biology*. 2012;4(11).

37.

Shen MM. Nodal Signaling: Developmental Roles and Regulation. *Development*. 2007;134(6):1023–34.

38.

Nakaya Y, Sheng G. Epithelial to Mesenchymal Transition During Gastrulation: An Embryological View. *Development, Growth & Differentiation*. 2008;50(9):755–66.

39.

Gastrulation Animation | YouTube [Internet]. YouTube; 2008. Available from: [https://www.youtube.com/watch?v=x-p\\_ZkhqZ0M](https://www.youtube.com/watch?v=x-p_ZkhqZ0M)

40.

Shook DS, Keller R. Variation Among Amphibians of Morphogenetic Mechanisms Driving Gastrulation. *Integrative and Comparative Biology*. 2003;43(6).

41.

Gilbert SF, Barresi MJF. *Developmental Biology*. 11th Edition. Sunderland, Massachusetts, U.S.A.: Sinauer Associates, Inc., Publishers; 2016.

42.

Carlson BM. *Human Embryology and Developmental Biology*. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

43.

Carlson BM. *Human Embryology and Developmental Biology* [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

44.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. *Larsen's Human Embryology*. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

45.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. *Larsen's Human Embryology* [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

46.

Babu D, Roy S. Left-Right Asymmetry: Cilia Stir Up New Surprises in the Node. *Open Biology*. 2013;3(5).

47.

Hamada H, Tam PPL. Mechanisms of Left-Right Asymmetry and Patterning: Driver, Mediator and Responder. *F1000Prime Reports*. 2014;6(110).

48.

Yoshida S, Hamada H. Roles of Cilia, Fluid Flow, and Ca<sup>2+</sup> Signaling in Breaking of

Left-right Symmetry. *Trends in Genetics*. 2014;30(1):10-7.

49.

Sutherland MJ, Ware SM. Disorders of Left-Right Asymmetry: Heterotaxy and Situs Inversus. *American Journal of Medical Genetics Part C: Seminars in Medical Genetics* [Internet]. 2009;151C(4):307-17. Available from: <https://onlinelibrary.wiley.com/doi/full/10.1002/ajmg.c.30228>

50.

Hirokawa N. Fluid Dynamic Mechanism Responsible for Breaking the Left-Right Symmetry of the Human Body: The Nodal Flow. *Annual Review of Fluid Mechanics*. 2009;41(1):53-72.

51.

Arnold SJ, Robertson EJ. Making a Commitment: Cell Lineage Allocation and Axis Patterning in the Early Mouse Embryo. *Nature Reviews Molecular Cell Biology*. 2009;10(2):91-103.

52.

Carlson BM. *Human Embryology and Developmental Biology*. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

53.

Carlson BM. *Human Embryology and Developmental Biology* [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

54.

Carlson BM. *Human Embryology and Developmental Biology*. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.



55.

Carlson BM. Human Embryology and Developmental Biology [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

56.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

57.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

58.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

59.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

60.

Gilbert SF, Barresi MJF. Developmental Biology. 11th Edition. Sunderland, Massachusetts, U.S.A.: Sinauer Associates, Inc., Publishers; 2016.

61.

Muñoz-Sanjuán I, Brivanlou AH. Neural Induction, the Default Model and Embryonic Stem Cells. *Nature Reviews Neuroscience*. 2002;3(4):271-80.

62.

Copp AJ. Neurulation in the Cranial Region - Normal and Abnormal. *Journal of Anatomy*. 2005;207(5):623-35.

63.

Greene NDE, Copp AJ. Development of the Vertebrate Central Nervous System: Formation of the Neural Tube. *Prenatal Diagnosis*. 2009;29(4):303-11.

64.

Levine AJ, Brivanlou AH. Proposal of a Model of Mammalian Neural Induction. *Developmental Biology*. 2007;308(2):247-56.

65.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. *Larsen's Human Embryology*. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

66.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. *Larsen's Human Embryology* [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

67.

Carlson BM. *Human Embryology and Developmental Biology*. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

68.

Carlson BM. *Human Embryology and Developmental Biology* [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

69.

Copp AJ. Neurulation in the Cranial Region - Normal and Abnormal. *Journal of Anatomy*.

2005;207(5):623–35.

70.

Harris MJ, Juriloff DM. Mouse Mutants With Neural Tube Closure Defects and Their Role in Understanding Human Neural Tube Defects. *Birth Defects Research Part A: Clinical and Molecular Teratology*. 2007;79(3):187–210.

71.

Copp AJ, Greene NDE. Genetics and Development of Neural Tube Defects. *The Journal of Pathology* [Internet]. 2009;220(2):217–30. Available from: <https://onlinelibrary.wiley.com/doi/full/10.1002/path.2643>

72.

Greene NDE. Genetics of Human Neural Tube Defects. *Human Molecular Genetics*. 2009;18(R2):R113–29.

73.

Greene NDE, Copp AJ. Neural Tube Defects. *Annual Review of Neuroscience* [Internet]. 2014;37(1):221–42. Available from: <https://www.annualreviews.org/doi/10.1146/annurev-neuro-062012-170354>

74.

Greene NDE, Copp AJ. Development of the Vertebrate Central Nervous System: Formation of the Neural Tube. *Prenatal Diagnosis*. 2009;29(4):303–11.

75.

Copp AJ, Greene NDE. Neural Tube Defects-Disorders of Neurulation and Related Embryonic Processes. *Wiley Interdisciplinary Reviews: Developmental Biology* [Internet]. 2013;2(2):213–27. Available from: <https://onlinelibrary.wiley.com/doi/full/10.1002/wdev.71>

76.

Ybot-Gonzalez P, Gaston-Massuet C, Girdler G, Klingensmith J, Arkell R, Greene NDE, et al. Neural Plate Morphogenesis During Mouse Neurulation Is Regulated by Antagonism of Bmp Signalling. *Development*. 2007;134(17):3203-11.

77.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. *Larsen's Human Embryology*. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

78.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. *Larsen's Human Embryology* [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

79.

Carlson BM. *Human Embryology and Developmental Biology*. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

80.

Carlson BM. *Human Embryology and Developmental Biology* [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

81.

Copp AJ. Neurulation in the Cranial Region - Normal and Abnormal. *Journal of Anatomy*. 2005;207(5):623-35.

82.

Copp AJ, Greene NDE. Genetics and Development of Neural Tube Defects. *The Journal of Pathology* [Internet]. 2009;220(2):217-30. Available from: <https://onlinelibrary.wiley.com/doi/full/10.1002/path.2643>

83.

Greene NDE, Copp AJ. Neural Tube Defects. Annual Review of Neuroscience [Internet]. 2014;37(1):221-42. Available from: <https://www.annualreviews.org/doi/10.1146/annurev-neuro-062012-170354>

84.

Harris MJ, Juriloff DM. Mouse Mutants With Neural Tube Closure Defects and Their Role in Understanding Human Neural Tube Defects. Birth Defects Research Part A: Clinical and Molecular Teratology. 2007;79(3):187-210.

85.

Greene NDE, Greene P, Stanier AJC. Genetics of Human Neural Tube Defects. Human Molecular Genetics. 2009;18(R2):R113-29.

86.

Greene NDE, Copp AJ. Development of the Vertebrate Central Nervous System: Formation of the Neural Tube. Prenatal Diagnosis. 2009;29(4):303-11.

87.

Copp AJ, Greene NDE. Neural Tube Defects-Disorders of Neurulation and Related Embryonic Processes. Wiley Interdisciplinary Reviews: Developmental Biology [Internet]. 2013;2(2):213-27. Available from: <https://onlinelibrary.wiley.com/doi/full/10.1002/wdev.71>

88.

Wilde JJ, Petersen JR, Niswander L. Genetic, Epigenetic, and Environmental Contributions to Neural Tube Closure. Annual Review of Genetics [Internet]. 2014;48(1):583-611. Available from: <https://www.annualreviews.org/doi/abs/10.1146/annurev-genet-120213-092208>

89.

Nikolopoulou E, Galea GL, Rolo A, Greene NDE, Copp AJ. Neural Tube Closure: Cellular, Molecular and Biomechanical Mechanisms. Development. 2017;144(4):552-66.

90.

Ybot-Gonzalez P, Gaston-Massuet C, Girdler G, Klingensmith J, Arkell R, Greene NDE, et al. Neural Plate Morphogenesis During Mouse Neurulation Is Regulated by Antagonism of Bmp Signalling. *Development*. 2007;134(17):3203-11.

91.

Wallingford JB. Planar Cell Polarity and the Developmental Control of Cell Behavior in Vertebrate Embryos. *Annual Review of Cell and Developmental Biology*. 2012;28(1):627-53.

92.

Doudney K, Stanier P. Epithelial Cell Polarity Genes Are Required for Neural Tube Closure. *American Journal of Medical Genetics Part C: Seminars in Medical Genetics [Internet]*. 2005;135C(1):42-7. Available from: <https://onlinelibrary.wiley.com/doi/full/10.1002/ajmg.c.30052>

93.

Jones C, Chen P. Planar Cell Polarity Signaling in Vertebrates. *BioEssays*. 2007;29(2):120-32.

94.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. *Larsen's Human Embryology*. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

95.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. *Larsen's Human Embryology [Internet]*. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

96.

Copp AJ, Greene ND. Genetics and Development of Neural Tube Defects. *The Journal of*

Pathology [Internet]. 2009; Available from:  
<https://onlinelibrary.wiley.com/doi/full/10.1002/path.2643>

97.

Blom HJ. Folic Acid, Methylation and Neural Tube Closure in Humans. *Birth Defects Research Part A: Clinical and Molecular Teratology*. 2009;85(4):295–302.

98.

Butler MT, Wallingford JB. Planar Cell Polarity in Development and Disease. *Nature Reviews Molecular Cell Biology*. 2017 Mar 15;18(6):375–88.

99.

Paudyal A, Damrau C, Patterson VL, Ermakov A, Formstone C, Lalanne Z, et al. The Novel Mouse Mutant, Chuzhoi, Has Disruption of Ptk7 Protein and Exhibits Defects in Neural Tube, Heart and Lung Development and Abnormal Planar Cell Polarity in the Ear. *BMC Developmental Biology* [Internet]. 2010;10(1). Available from:  
<https://bmcdevbiol.biomedcentral.com/articles/10.1186/1471-213X-10-87>

100.

Strachan T. Genetic Mapping of Mendelian Characters. In: *Human Molecular Genetics*. 4th ed. New York: Garland Science; 2011.

101.

Golsharifi M. Fundamentals of Neural Tube Defects | Projmed [Internet]. 2015. Available from:  
<https://web.archive.org/web/20230330172903/http://www.projmed.com/2015/05/fundamentals-of-neural-tube-defects/>

102.

Strachan T. Identifying Human Disease Genes and Susceptibility Factors. In: *Human Molecular Genetics*. 4th ed. New York: Garland Science; 2011.

103.

Strachan T. Genetic Manipulation of Animals. In: Human Molecular Genetics. 4th ed. New York: Garland Science; 2011.

104.

Carlson BM. Human Embryology and Developmental Biology. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

105.

Carlson BM. Human Embryology and Developmental Biology [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

106.

Carlson BM. Human Embryology and Developmental Biology. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

107.

Carlson BM. Human Embryology and Developmental Biology [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

108.

Carlson BM. Human Embryology and Developmental Biology. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

109.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

110.



Briscoe J, Théron PP. The Mechanisms of Hedgehog Signalling and Its Roles in Development and Disease. *Nature Reviews Molecular Cell Biology*. 2013;14(7):418–31.

111.

Cardenas-Rodriguez M, Badano JL. Ciliary Biology: Understanding the Cellular and Genetic Basis of Human Ciliopathies. *American Journal of Medical Genetics Part C: Seminars in Medical Genetics* [Internet]. 2009;151C(4):263–80. Available from: <https://onlinelibrary.wiley.com/doi/full/10.1002/ajmg.c.30227>

112.

Eggenchwiler JT, Anderson KV. Cilia and Developmental Signaling. *Annual Review of Cell and Developmental Biology*. 2007;23(1):345–73.

113.

Jacob J, Briscoe J. Gli Proteins and the Control of Spinal-cord Patterning. *EMBO Reports*. 2003;4(8):761–5.

114.

Jessell TM. Neuronal Specification in the Spinal Cord: Inductive Signals and Transcriptional Codes. *Nature Reviews Genetics*. 2000;1(1):20–9.

115.

Briscoe J, Novitsch BG. Regulatory Pathways Linking Progenitor Patterning, Cell Fates and Neurogenesis in the Ventral Neural Tube. *Philosophical Transactions of the Royal Society B: Biological Sciences*. 2008;363(1489):57–70.

116.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. *Larsen's Human Embryology*. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

117.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. *Larsen's Human Embryology*

[Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

118.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

119.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

120.

Carlson BM. Human Embryology and Developmental Biology. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

121.

Carlson BM. Human Embryology and Developmental Biology [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

122.

Carlson BM. Human Embryology and Developmental Biology. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

123.

Carlson BM. Human Embryology and Developmental Biology [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

124.

Cordero DR, Brugmann S, Chu Y, Bajpai R, Jame M, Helms JA. Cranial Neural Crest Cells on the Move: Their Roles in Craniofacial Development. *American Journal of Medical Genetics Part A*. 2011;155(2):270-9.

125.

Development of the Face and Palate [Internet]. Available from:  
<https://anat550.sitehost.iu.edu/hnanim/face/face.html>

126.

Morriss-Kay GM, Wilkie AOM. Growth of the Normal Skull Vault and Its Alteration in Craniosynostosis: Insights From Human Genetics and Experimental Studies. *Journal of Anatomy*. 2005;207(5):637-53.

127.

Richtsmeier JT, Flaherty K. Hand in Glove: Brain and Skull in Development and Dymorphogenesis. *Acta Neuropathologica*. 2013;125(4):469-89.

128.

Johnson D, Wilkie AOM. Craniosynostosis. *European Journal of Human Genetics*. 2011;19(4):369-76.

129.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. *Larsen's Human Embryology*. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

130.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. *Larsen's Human Embryology* [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

131.

Senarath-Yapa K, Longaker MT. Craniosynostosis. *Organogenesis*. 2012;8(4):103-13.

132.

Carlson BM. *Human Embryology and Developmental Biology*. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

133.

Carlson BM. *Human Embryology and Developmental Biology* [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

134.

Carlson BM. *Human Embryology and Developmental Biology*. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

135.

Carlson BM. *Human Embryology and Developmental Biology* [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

136.

Grevellec A, Tucker AS. The Pharyngeal Pouches and Clefts: Development, Evolution, Structure and Derivatives. *Seminars in Cell & Developmental Biology*. 2010;21(3):325-32.

137.

Development of the Thyroid Gland [Internet]. Available from: <https://anat550.sitehost.iu.edu/hnanim/thyroid/thyroid.html>

138.

Development of the Pharyngeal Pouches [Internet]. Available from:  
<https://anat550.sitehost.iu.edu/hnanim/pouch/pouch.html>

139.

Goodman HM. Hormonal Regulation of Calcium Balance. In: Basic Medical Endocrinology. 4th ed. Amsterdam: Academic; 2009.

140.

Goodman HM. Hormonal Regulation of Calcium Balance. In: Basic Medical Endocrinology [Internet]. Amsterdam: Elsevier/Academic Press; 2009. Available from:  
<http://ezproxy01.rhul.ac.uk/login?url=http://lib.myilibrary.com?id=179541>

141.

Goodman WG, Quarles LD. Development and Progression of Secondary Hyperparathyroidism in Chronic Kidney Disease: Lessons From Molecular Genetics. *Kidney International* [Internet]. 2008;74(3):276–88. Available from:  
[https://www.kidney-international.org/article/S0085-2538\(15\)53299-7/fulltext](https://www.kidney-international.org/article/S0085-2538(15)53299-7/fulltext)

142.

Introduction to Bone Biology | YouTube [Internet]. Available from:  
<https://www.youtube.com/watch?v=4XcAcFqAkcM&feature=relmfu>

143.

Naveh-Many T. Minireview: The Play of Proteins on the Parathyroid Hormone Messenger Ribonucleic Acid Regulates Its Expression. *Endocrinology*. 2010;151(4):1398–402.

144.

Chen RA, Goodman WG. Role of the Calcium-Sensing Receptor in Parathyroid Gland Physiology. *American Journal Of Physiology Renal Physiology* [Internet]. 2004;286(6):F1005–11. Available from:  
<https://www.physiology.org/doi/full/10.1152/ajprenal.00013.2004>

145.

Goodman HM. Hormonal Control of Pregnancy and Lactation. In: Basic Medical Endocrinology. 4th ed. Amsterdam: Academic; 2009.

146.

Goodman HM. Basic Medical Endocrinology [Internet]. 4th ed. San Diego: Elsevier Science & Technology; 2010. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=4952427>

147.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

148.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

149.

Walczak EM, Hammer GD. Regulation of the Adrenocortical Stem Cell Niche: Implications for Disease. Nature Reviews Endocrinology. 2014;11(1):14–28.

150.

Lalli E. Adrenal Cortex Ontogenesis. Best Practice & Research Clinical Endocrinology & Metabolism. 2010;24(6):853–64.

151.

Kempná P, Flück CE. Adrenal Gland Development and Defects. Best Practice & Research Clinical Endocrinology & Metabolism. 2008;22(1):77–93.

152.

McGill Embryology [Internet]. Available from:  
[http://sprojects.mmi.mcgill.ca/embryology/ug/Adrenal\\_Stuff/Normal/zones.html](http://sprojects.mmi.mcgill.ca/embryology/ug/Adrenal_Stuff/Normal/zones.html)

153.

Goodman HM. Hormonal Control of Pregnancy and Lactation. In: Basic Medical Endocrinology. 4th ed. Amsterdam: Academic; 2009.

154.

Goodman HM. Basic Medical Endocrinology [Internet]. 4th ed. San Diego: Elsevier Science & Technology; 2010. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=4952427>

155.

Adrenal Insufficiency [Internet]. Available from: <http://www.docstoc.com/docs/432671/Adrenal-Insufficiency>

156.

Kota SK, Kota SK. Fetal Endocrinology. Indian Journal of Endocrinology and Metabolism. 2013;17(4).

157.

Carlson BM. Human Embryology and Developmental Biology. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

158.

Carlson BM. Human Embryology and Developmental Biology [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

159.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

160.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

161.

Koopman P, Svingen T. Building the Mammalian Testis: Origins, Differentiation, and Assembly of the Component Cell Populations. *Genes & Development* [Internet]. 2013;27(22):2409–26. Available from: <http://genesdev.cshlp.org/content/27/22/2409.abstract>

162.

Goodman HM. Hormonal Control of Pregnancy and Lactation. In: *Basic Medical Endocrinology*. 4th ed. Amsterdam: Academic; 2009.

163.

Goodman HM. *Basic Medical Endocrinology* [Internet]. 4th ed. San Diego: Elsevier Science & Technology; 2010. Available from: <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=4952427>

164.

Rossi P, Dolci S. Paracrine Mechanisms Involved in the Control of Early Stages of Mammalian Spermatogenesis. *Frontiers in Endocrinology*. 2013;4.

165.

Carlson BM. *Human Embryology and Developmental Biology*. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

166.



Carlson BM. Human Embryology and Developmental Biology [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

167.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

168.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

169.

Carlson BM. Human Embryology and Developmental Biology. 5th Edition. Philadelphia, PA: Elsevier/Saunders; 2014.

170.

Carlson BM. Human Embryology and Developmental Biology [Internet]. 5th Edition. Philadelphia, Pa: Saunders; 2013. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1430949>

171.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology. 6th Edition. Philadelphia, Pennsylvania: Churchill Livingstone, an imprint of Elsevier; 2020.

172.

Schoenwolf GC, Bleyl SB, Brauer PR, Francis-West PH. Larsen's Human Embryology [Internet]. 5th Edition. Edinburgh: Churchill Livingstone; 2014. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=2074524>

173.

Goodman HM. Hormonal Control of Pregnancy and Lactation. In: Basic Medical Endocrinology. 4th ed. Amsterdam: Academic; 2009.

174.

Goodman HM. Basic Medical Endocrinology [Internet]. 4th ed. San Diego: Elsevier Science & Technology; 2010. Available from:  
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=4952427>

175.

Ikawa M. Fertilization: A Sperm's Journey to and Interaction With the Oocyte. Journal of Clinical Investigation [Internet]. 2010;120(4):984-94. Available from:  
[https://librarysearch.royalholloway.ac.uk/permalink/44ROY\\_INST/1h5nr1h/cdi\\_pubmedcentral\\_primary\\_oai\\_pubmedcentral\\_nih\\_gov\\_2846064](https://librarysearch.royalholloway.ac.uk/permalink/44ROY_INST/1h5nr1h/cdi_pubmedcentral_primary_oai_pubmedcentral_nih_gov_2846064)

176.

Okabe M. The Cell Biology of Mammalian Fertilization. Development [Internet]. 2013;140(22):4471-9. Available from:  
[https://librarysearch.royalholloway.ac.uk/permalink/f/1cm8pdv/TN\\_cdi\\_proquest\\_miscellaneous\\_1449280650](https://librarysearch.royalholloway.ac.uk/permalink/f/1cm8pdv/TN_cdi_proquest_miscellaneous_1449280650)

177.

Okabe M. Mechanism of Fertilization: A Modern View. Experimental Animals [Internet]. 2014;63(4):357-65. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/24974794>

178.

Swann K, Lai FA. Egg Activation at Fertilization by a Soluble Sperm Protein. Physiological Reviews. 2016;96(1):127-49.

179.

Okabe M. Mechanisms of Fertilization Elucidated by Gene-Manipulated Animals. Asian Journal of Andrology. 2015;17(4):646-52.

180.

Srinivas S. The Anterior Visceral Endoderm—Turning Heads. *genesis*. 2006;44(11):565–72.