

BS3570: Human Embryology and Endocrinology

View Online



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Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, an imprint of Elsevier, 2020).

2.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, 2014).

3.

Carlson, B. M. Human Embryology and Developmental Biology. (Elsevier/Saunders, 2014).

4.

Carlson, B. M. Human Embryology and Developmental Biology. (Saunders, 2013).

5.

Gilbert, S. F. & Barresi, M. J. F. Developmental Biology. (Sinauer Associates, Inc., Publishers, 2016).

6.

Goodman, H. M. Basic Medical Endocrinology. (Academic, 2009).

7.

Goodman, H. M. Basic Medical Endocrinology. (Elsevier/Academic Press, 2009).

8.

Greenspan, F. S. & Gardner, D. G. Basic & Clinical Endocrinology. (McGraw-Hill, 2004).

9.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, an imprint of Elsevier, 2020).

10.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, 2014).

11.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, an imprint of Elsevier, 2020).

12.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, 2014).

13.

Carlson, B. M. Human Embryology and Developmental Biology. (Elsevier/Saunders, 2014).

14.

Carlson, B. M. Human Embryology and Developmental Biology. (Saunders, 2013).

15.

Gilbert, S. F. & Barresi, M. J. F. Developmental Biology. (Sinauer Associates, Inc., Publishers, 2016).

16.

Cockburn, K. & Rossant, J. Making the Blastocyst: Lessons From the Mouse. Journal of Clinical Investigation **120**, 995–1003 (2010).

17.

Rossant, J. & Tam, P. P. L. Blastocyst Lineage Formation, Early Embryonic Asymmetries and Axis Patterning in the Mouse. Development **136**, 701–713 (2009).

18.

Chi, F., Beniwal, A. S. & Liu, H. The Apical Domain Defines the Trophectoderm Differentiation in Early Mammalian Embryo by Regulating Yap Nuclear Translocation [open access]. AME Medical Journal **2**, (2017).

19.

Korotkevich, E. et al. The Apical Domain Is Required and Sufficient for the First Lineage Segregation in the Mouse Embryo. Developmental Cell **40**, 235–247.e7 (2017).

20.

Mihajlović, A. I. & Bruce, A. W. The First Cell-Fate Decision of Mouse Preimplantation Embryo Development: Integrating Cell Position and Polarity. Open Biology **7**, (2017).

21.

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

22.

Lanner, F. & Rossant, J. The Role of FGF/Erk Signaling in Pluripotent Cells. *Development* **137**, 3351–3360 (2010).

23.

Arnold, S. J. & Robertson, E. J. Making a Commitment: Cell Lineage Allocation and Axis Patterning in the Early Mouse Embryo. *Nature Reviews Molecular Cell Biology* **10**, 91–103 (2009).

24.

Gilbert, S. F. & Barresi, M. J. F. *Developmental Biology*. (Sinauer Associates, Inc., Publishers, 2016).

25.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Elsevier/Saunders, 2014).

26.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Saunders, 2013).

27.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, an imprint of Elsevier, 2020).

28.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, 2014).

29.

Syllabus contents.

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* **71**, 3327–3338 (2014).

31.

Rossant, J. & Tam, P. P. L. Blastocyst Lineage Formation, Early Embryonic Asymmetries and Axis Patterning in the Mouse. *Development* **136**, 701–713 (2009).

32.

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

33.

Nowotschin, S. & Hadjantonakis, A.-K. Cellular Dynamics in the Early Mouse Embryo: From Axis Formation to Gastrulation. *Current Opinion in Genetics & Development* **20**, 420–427 (2010).

34.

Srinivas, S. The Anterior Visceral Endoderm—Turning Heads. *genesis* **44**, 565–572 (2006).

35.

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

36.

Stephenson, R. O., Rossant, J. & Tam, P. P. . L. Intercellular Interactions, Position, and Polarity in Establishing Blastocyst Cell Lineages and Embryonic Axes. *Cold Spring Harbor Perspectives in Biology* **4**, (2012).

37.

Shen, M. M. Nodal Signaling: Developmental Roles and Regulation. *Development* **134**, 1023–1034 (2007).

38.

Nakaya, Y. & Sheng, G. Epithelial to Mesenchymal Transition During Gastrulation: An Embryological View. *Development, Growth & Differentiation* **50**, 755–766 (2008).

39.

Gastrulation Animation | YouTube. (2008).

40.

Shook, D. S. & Keller, R. Variation Among Amphibians of Morphogenetic Mechanisms Driving Gastrulation. *Integrative and Comparative Biology* **43**, (2003).

41.

Gilbert, S. F. & Barresi, M. J. F. *Developmental Biology*. (Sinauer Associates, Inc., Publishers, 2016).

42.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Elsevier/Saunders, 2014).

43.

Carlson, B. M. Human Embryology and Developmental Biology. (Saunders, 2013).

44.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, an imprint of Elsevier, 2020).

45.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, 2014).

46.

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

47.

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

48.

Yoshida, S. & Hamada, H. Roles of Cilia, Fluid Flow, and Ca²⁺ Signaling in Breaking of Left-right Symmetry. Trends in Genetics **30**, 10-17 (2014).

49.

Sutherland, M. J. & Ware, S. M. Disorders of Left-Right Asymmetry: Heterotaxy and Situs Inversus. American Journal of Medical Genetics Part C: Seminars in Medical Genetics **151C**, 307-317 (2009).

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 **41**, 53-72 (2009).

51.

Arnold, S. J. & Robertson, E. J. Making a Commitment: Cell Lineage Allocation and Axis Patterning in the Early Mouse Embryo. *Nature Reviews Molecular Cell Biology* **10**, 91–103 (2009).

52.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Elsevier/Saunders, 2014).

53.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Saunders, 2013).

54.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Elsevier/Saunders, 2014).

55.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Saunders, 2013).

56.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, an imprint of Elsevier, 2020).

57.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, 2014).

58.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, an imprint of Elsevier, 2020).

59.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, 2014).

60.

Gilbert, S. F. & Barresi, M. J. F. *Developmental Biology*. (Sinauer Associates, Inc., Publishers, 2016).

61.

Muñoz-Sanjuán, I. & Brivanlou, A. H. Neural Induction, the Default Model and Embryonic Stem Cells. *Nature Reviews Neuroscience* **3**, 271–280 (2002).

62.

Copp, A. J. Neurulation in the Cranial Region - Normal and Abnormal. *Journal of Anatomy* **207**, 623–635 (2005).

63.

Greene, N. D. E. & Copp, A. J. Development of the Vertebrate Central Nervous System: Formation of the Neural Tube. *Prenatal Diagnosis* **29**, 303–311 (2009).

64.

Levine, A. J. & Brivanlou, A. H. Proposal of a Model of Mammalian Neural Induction. *Developmental Biology* **308**, 247–256 (2007).

65.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, an imprint of Elsevier, 2020).

66.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, 2014).

67.

Carlson, B. M. Human Embryology and Developmental Biology. (Elsevier/Saunders, 2014).

68.

Carlson, B. M. Human Embryology and Developmental Biology. (Saunders, 2013).

69.

Copp, A. J. Neurulation in the Cranial Region - Normal and Abnormal. *Journal of Anatomy* **207**, 623–635 (2005).

70.

Harris, M. J. & Juriloff, D. M. 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* **79**, 187–210 (2007).

71.

Copp, A. J. & Greene, N. D. E. Genetics and Development of Neural Tube Defects. *The Journal of Pathology* **220**, 217–230 (2009).

72.

Greene, N. D. E. Genetics of Human Neural Tube Defects. *Human Molecular Genetics* **18**, R113–R129 (2009).

73.

Greene, N. D. E. & Copp, A. J. Neural Tube Defects. *Annual Review of Neuroscience* **37**, 221-242 (2014).

74.

Greene, N. D. E. & Copp, A. J. Development of the Vertebrate Central Nervous System: Formation of the Neural Tube. *Prenatal Diagnosis* **29**, 303-311 (2009).

75.

Copp, A. J. & Greene, N. D. E. Neural Tube Defects-Disorders of Neurulation and Related Embryonic Processes. *Wiley Interdisciplinary Reviews: Developmental Biology* **2**, 213-227 (2013).

76.

Ybot-Gonzalez, P. et al. Neural Plate Morphogenesis During Mouse Neurulation Is Regulated by Antagonism of Bmp Signalling. *Development* **134**, 3203-3211 (2007).

77.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, an imprint of Elsevier, 2020).

78.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, 2014).

79.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Elsevier/Saunders, 2014).

80.

Carlson, B. M. Human Embryology and Developmental Biology. (Saunders, 2013).

81.

Copp, A. J. Neurulation in the Cranial Region - Normal and Abnormal. *Journal of Anatomy* **207**, 623–635 (2005).

82.

Copp, A. J. & Greene, N. D. E. Genetics and Development of Neural Tube Defects. *The Journal of Pathology* **220**, 217–230 (2009).

83.

Greene, N. D. E. & Copp, A. J. Neural Tube Defects. *Annual Review of Neuroscience* **37**, 221–242 (2014).

84.

Harris, M. J. & Juriloff, D. M. 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* **79**, 187–210 (2007).

85.

Greene, N. D. E., Greene, P. & Stanier, A. J. C. Genetics of Human Neural Tube Defects. *Human Molecular Genetics* **18**, R113–R129 (2009).

86.

Greene, N. D. E. & Copp, A. J. Development of the Vertebrate Central Nervous System: Formation of the Neural Tube. *Prenatal Diagnosis* **29**, 303–311 (2009).

87.

Copp, A. J. & Greene, N. D. E. Neural Tube Defects-Disorders of Neurulation and Related Embryonic Processes. *Wiley Interdisciplinary Reviews: Developmental Biology* **2**, 213–227 (2013).

88.

Wilde, J. J., Petersen, J. R. & Niswander, L. Genetic, Epigenetic, and Environmental Contributions to Neural Tube Closure. *Annual Review of Genetics* **48**, 583–611 (2014).

89.

Nikolopoulou, E., Galea, G. L., Rolo, A., Greene, N. D. E. & Copp, A. J. Neural Tube Closure: Cellular, Molecular and Biomechanical Mechanisms. *Development* **144**, 552–566 (2017).

90.

Ybot-Gonzalez, P. et al. Neural Plate Morphogenesis During Mouse Neurulation Is Regulated by Antagonism of Bmp Signalling. *Development* **134**, 3203–3211 (2007).

91.

Wallingford, J. B. Planar Cell Polarity and the Developmental Control of Cell Behavior in Vertebrate Embryos. *Annual Review of Cell and Developmental Biology* **28**, 627–653 (2012).

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* **135C**, 42–47 (2005).

93.

Jones, C. & Chen, P. Planar Cell Polarity Signaling in Vertebrates. *BioEssays* **29**, 120–132 (2007).

94.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, an imprint of Elsevier, 2020).

95.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, 2014).

96.

Copp, A. J. & Greene, N. D. Genetics and Development of Neural Tube Defects. *The Journal of Pathology* (2009) doi:10.1002/path.2643.

97.

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

98.

Butler, M. T. & Wallingford, J. B. Planar Cell Polarity in Development and Disease. *Nature Reviews Molecular Cell Biology* **18**, 375–388 (2017).

99.

Paudyal, A. 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* **10**, (2010).

100.

Strachan, T. Genetic Mapping of Mendelian Characters. in *Human Molecular Genetics* (Garland Science, 2011).

101.

Golsharifi, M. Fundamentals of Neural Tube Defects | Projmed.
<https://web.archive.org/web/20230330172903/http://www.projmed.com/2015/05/fundamentals-of-neural-tube-defects/> (2015).

102.

Strachan, T. Identifying Human Disease Genes and Susceptibility Factors. in Human Molecular Genetics (Garland Science, 2011).

103.

Strachan, T. Genetic Manipulation of Animals. in Human Molecular Genetics (Garland Science, 2011).

104.

Carlson, B. M. Human Embryology and Developmental Biology. (Elsevier/Saunders, 2014).

105.

Carlson, B. M. Human Embryology and Developmental Biology. (Saunders, 2013).

106.

Carlson, B. M. Human Embryology and Developmental Biology. (Elsevier/Saunders, 2014).

107.

Carlson, B. M. Human Embryology and Developmental Biology. (Saunders, 2013).

108.

Carlson, B. M. Human Embryology and Developmental Biology. (Elsevier/Saunders, 2014).

109.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, an imprint of Elsevier, 2020).

110.

Briscoe, J. & Thérond, P. P. The Mechanisms of Hedgehog Signalling and Its Roles in Development and Disease. *Nature Reviews Molecular Cell Biology* **14**, 418–431 (2013).

111.

Cardenas-Rodriguez, M. & Badano, J. L. Ciliary Biology: Understanding the Cellular and Genetic Basis of Human Ciliopathies. *American Journal of Medical Genetics Part C: Seminars in Medical Genetics* **151C**, 263–280 (2009).

112.

Eggenchwiler, J. T. & Anderson, K. V. Cilia and Developmental Signaling. *Annual Review of Cell and Developmental Biology* **23**, 345–373 (2007).

113.

Jacob, J. & Briscoe, J. Gli Proteins and the Control of Spinal-cord Patterning. *EMBO Reports* **4**, 761–765 (2003).

114.

Jessell, T. M. Neuronal Specification in the Spinal Cord: Inductive Signals and Transcriptional Codes. *Nature Reviews Genetics* **1**, 20–29 (2000).

115.

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

116.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, an imprint of Elsevier, 2020).

117.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, 2014).

118.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, an imprint of Elsevier, 2020).

119.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, 2014).

120.

Carlson, B. M. Human Embryology and Developmental Biology. (Elsevier/Saunders, 2014).

121.

Carlson, B. M. Human Embryology and Developmental Biology. (Saunders, 2013).

122.

Carlson, B. M. Human Embryology and Developmental Biology. (Elsevier/Saunders, 2014).

123.

Carlson, B. M. Human Embryology and Developmental Biology. (Saunders, 2013).

124.

Cordero, D. R. et al. Cranial Neural Crest Cells on the Move: Their Roles in Craniofacial Development. *American Journal of Medical Genetics Part A* **155**, 270–279 (2011).

125.

Development of the Face and Palate.
<https://anat550.sitehost.iu.edu/hnanim/face/face.html>.

126.

Morriss-Kay, G. M. & Wilkie, A. O. M. Growth of the Normal Skull Vault and Its Alteration in Craniosynostosis: Insights From Human Genetics and Experimental Studies. *Journal of Anatomy* **207**, 637–653 (2005).

127.

Richtsmeier, J. T. & Flaherty, K. Hand in Glove: Brain and Skull in Development and Dymorphogenesis. *Acta Neuropathologica* **125**, 469–489 (2013).

128.

Johnson, D. & Wilkie, A. O. M. Craniosynostosis. *European Journal of Human Genetics* **19**, 369–376 (2011).

129.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, an imprint of Elsevier, 2020).

130.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, 2014).

131.

Senarath-Yapa, K. & Longaker, M. T. Craniosynostosis. *Organogenesis* **8**, 103–113 (2012).

132.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Elsevier/Saunders, 2014).

133.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Saunders, 2013).

134.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Elsevier/Saunders, 2014).

135.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Saunders, 2013).

136.

Grevellec, A. & Tucker, A. S. The Pharyngeal Pouches and Clefts: Development, Evolution, Structure and Derivatives. *Seminars in Cell & Developmental Biology* **21**, 325–332 (2010).

137.

Development of the Thyroid Gland.
<https://anat550.sitehost.iu.edu/hnanim/thyroid/thyroid.html>.

138.

Development of the Pharyngeal Pouches.

<https://anat550.sitehost.iu.edu/hnanim/pouch/pouch.html>.

139.

Goodman, H. M. Hormonal Regulation of Calcium Balance. in Basic Medical Endocrinology (Academic, 2009).

140.

Goodman, H. M. Hormonal Regulation of Calcium Balance. in Basic Medical Endocrinology (Elsevier/Academic Press, 2009).

141.

Goodman, W. G. & Quarles, L. D. Development and Progression of Secondary Hyperparathyroidism in Chronic Kidney Disease: Lessons From Molecular Genetics. *Kidney International* **74**, 276–288 (2008).

142.

Introduction to Bone Biology | YouTube.

143.

Naveh-Many, T. Minireview: The Play of Proteins on the Parathyroid Hormone Messenger Ribonucleic Acid Regulates Its Expression. *Endocrinology* **151**, 1398–1402 (2010).

144.

Chen, R. A. & Goodman, W. G. Role of the Calcium-Sensing Receptor in Parathyroid Gland Physiology. *American Journal Of Physiology. Renal Physiology* **286**, F1005–F1011 (2004).

145.

Goodman, H. M. Hormonal Control of Pregnancy and Lactation. in Basic Medical

Endocrinology (Academic, 2009).

146.

Goodman, H. M. Basic Medical Endocrinology. (Elsevier Science & Technology, 2010).

147.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, an imprint of Elsevier, 2020).

148.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, 2014).

149.

Walczak, E. M. & Hammer, G. D. Regulation of the Adrenocortical Stem Cell Niche: Implications for Disease. *Nature Reviews Endocrinology* **11**, 14–28 (2014).

150.

Lalli, E. Adrenal Cortex Ontogenesis. *Best Practice & Research Clinical Endocrinology & Metabolism* **24**, 853–864 (2010).

151.

Kempná, P. & Flück, C. E. Adrenal Gland Development and Defects. *Best Practice & Research Clinical Endocrinology & Metabolism* **22**, 77–93 (2008).

152.

McGill Embryology.

http://sprojects.mmi.mcgill.ca/embryology/ug/Adrenal_Stuff/Normal/zones.html.

153.

Goodman, H. M. Hormonal Control of Pregnancy and Lactation. in Basic Medical Endocrinology (Academic, 2009).

154.

Goodman, H. M. Basic Medical Endocrinology. (Elsevier Science & Technology, 2010).

155.

Adrenal Insufficiency.

156.

Kota, S. K. & Kota, S. K. Fetal Endocrinology. Indian Journal of Endocrinology and Metabolism **17**, (2013).

157.

Carlson, B. M. Human Embryology and Developmental Biology. (Elsevier/Saunders, 2014).

158.

Carlson, B. M. Human Embryology and Developmental Biology. (Saunders, 2013).

159.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, an imprint of Elsevier, 2020).

160.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, 2014).

161.

Koopman, P. & Svingen, T. Building the Mammalian Testis: Origins, Differentiation, and Assembly of the Component Cell Populations. *Genes & Development* **27**, 2409–2426 (2013).

162.

Goodman, H. M. Hormonal Control of Pregnancy and Lactation. in *Basic Medical Endocrinology* (Academic, 2009).

163.

Goodman, H. M. *Basic Medical Endocrinology*. (Elsevier Science & Technology, 2010).

164.

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

165.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Elsevier/Saunders, 2014).

166.

Carlson, B. M. *Human Embryology and Developmental Biology*. (Saunders, 2013).

167.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. *Larsen's Human Embryology*. (Churchill Livingstone, an imprint of Elsevier, 2020).

168.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, 2014).

169.

Carlson, B. M. Human Embryology and Developmental Biology. (Elsevier/Saunders, 2014).

170.

Carlson, B. M. Human Embryology and Developmental Biology. (Saunders, 2013).

171.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, an imprint of Elsevier, 2020).

172.

Schoenwolf, G. C., Bleyl, S. B., Brauer, P. R. & Francis-West, P. H. Larsen's Human Embryology. (Churchill Livingstone, 2014).

173.

Goodman, H. M. Hormonal Control of Pregnancy and Lactation. in Basic Medical Endocrinology (Academic, 2009).

174.

Goodman, H. M. Basic Medical Endocrinology. (Elsevier Science & Technology, 2010).

175.

Ikawa, M. Fertilization: A Sperm's Journey to and Interaction With the Oocyte. Journal of Clinical Investigation **120**, 984–994 (2010).

176.

Okabe, M. The Cell Biology of Mammalian Fertilization. *Development* **140**, 4471–4479 (2013).

177.

Okabe, M. Mechanism of Fertilization: A Modern View. *Experimental Animals* **63**, 357–365 (2014).

178.

Swann, K. & Lai, F. A. Egg Activation at Fertilization by a Soluble Sperm Protein. *Physiological Reviews* **96**, 127–149 (2016).

179.

Okabe, M. Mechanisms of Fertilization Elucidated by Gene-Manipulated Animals. *Asian Journal of Andrology* **17**, 646–652 (2015).

180.

Srinivas, S. The Anterior Visceral Endoderm—Turning Heads. *genesis* **44**, 565–572 (2006).