

THYROID DEVELOPMENT AND METABOLISM

1

1. Pickering DE, Smyth FS, van Wagenen G, Fisher, DA. Growth and metabolism in normal infant Rhesus monkeys. *Am J Dis Child* 86:1-10,1953.
2. Pickering DE, Fisher DA. Growth and metabolism in thyroid ablated infant Rhesus monkeys. *Am J Dis Child* 86:11-22,1953.
3. Pickering DE, Fisher DA. Growth and metabolism following L-thyroxine administration in thyroid ablated infant Rhesus monkeys. *Am J Dis Child* 86:147-156,1953.
4. Pickering DE, Fisher DA, Scott KG. Radiosodium (Na²⁴) space in normal and thyroid ablated infant Rhesus monkeys. *Am J Dis Child* 86:157-161,1953.
5. Lusted LB, Pickering DE, Fisher DA, Smyth FS. Roentgenographic features of skeletal development in normal and thyroid ablated infant Rhesus monkeys. *Am J Dis Child* 86:426-435,1953.
6. Pickering DE, Fisher DA, Scott KG, van Wagenen G, Smyth FS. Iodine metabolism in normal and thyroid ablated infant Rhesus monkeys. *Am J Dis Child* 86:574-586,1953.
7. Fisher DA, Hammond GD, Pickering DE. The hypothyroid infant and child: therapy with sodium L-thyroxine. *Am J Dis Child*. 90:6-21,1955.
8. Pickering DE, Fisher DA. Therapeutic concepts relating to hypothyroidism in childhood. *J Chronic Dis* 7:242-263,1958.
9. Benson RC, Pickering DE, Kontaxis NE, Fisher DA. Thyroid function in pregnancy: an assessment. *Obstet Gynecol* 14:11-20,1959.
10. Fisher DA, Oddie TH, Burroughs JC. Thyroidal radioiodine uptake rate measurement in infants. *Am J Dis Child* 103:738-749,1962.
11. Fisher DA, Oddie TH. Thyroxine secretion rate during infancy: the effect of estrogen. *J Clin Endocrinol Metab* 23:811-819,1963.
12. Oddie TH, Fisher DA, Wait JC, Newton B. Radioiodide space in human subjects without edema. *J Clin Endocrinol Metab* 24:54-59,1964.
13. Fisher DA, Morris MD, Lehman H, Lackey C. Studies of butanol extractable iodine technique by the ceric oxidation method. *Anal Biochem* 7:37-54,1964.
14. Fisher DA, Oddie TH, Wait JC. Thyroid function tests in Arkansas children and young adults. *Am J Dis Child* 107:282-287,1964.
15. Fisher DA, Lehman H, Lackey C. Placental transport of thyroxine. *J Clin Endocrinol Metab* 24:393-400,1964.
16. Oddie TH, Fisher DA, Rogers C. Whole body counting of thyroxine I-131. *J Clin Endocrinol Metab* 24:628-637,1964.
17. Fisher DA, Oddie TH. Neonatal thyroidal hyperactivity: a response to cooling. *Am J Dis Child* 107:574-581,1964.
18. Fisher DA, Oddie TH. Whole body counting of ¹³¹I-labeled triiodothyronine. *J Clin Endocrinol Metab* 24:733-739,1964.

THYROID DEVELOPMENT AND METABOLISM

2

19. Oddie TH, Fisher DA, Long JM. Factors affecting the estimation of iodine entering the normal thyroid gland using short term clearance studies. *J Clin Endocrinol Metab* 24:924-933,1964.
20. Fisher DA, Oddie TH. Comparison of thyroidal iodide accumulation and thyroxine secretion in euthyroid subjects. *J Clin Endocrinol Metab* 24:1143-1154,1964.
21. Fisher DA. Bilirubin and hemoglobin interference with BEI by the ceric oxidation method. *Anal Biochem* 11:96-104,1965.
22. Oddie TH, Fisher DA, Epperson D, Criner G, Pirniquie F. Numerical data for ¹³¹I uptake measurement in rabbits. *Endocrinology* 77:285-289,1965.
23. Oddie TH, Fisher DA, Epperson D. Effect of thyroxine on thyroid iodide accumulation and secretion in euthyroid human subjects. *J Clin Endocrinol Metab* 25:1196-1206,1965.
24. Fisher DA, Oddie TH, Epperson D. Interrelation of iodide clearance and adrenocortical activity. *J Clin Endocrinol Metab* 25:1353-1360,1965.
25. Fisher DA, Oddie TH, Epperson D. Effect of iodide on thyroid accumulation and secretion in euthyroid subjects. *J Clin Endocrinol Metab* 25:1580-1590,1965.
26. Fisher DA, Oddie TH, Makoski E. The influence of environmental temperature on thyroid, adrenal and water metabolism in the newborn infant. *Pediatrics* 37:583-591,1966.
27. Oddie TH, Meade JH Jr, Fisher DA. An analysis of published data on thyroxine turnover in human subjects. *J Clin Endocrinol Metab* 26:425-436,1966.
28. Morris MD, Fisher DA, Krum A. The effect of cholesterol feeding and estrogen administration on thyroid and adrenal gland function in rabbits. *J Atheroscler Res* 6:283-291,1966.
29. Oddie TH, Fisher DA, Criner G. Lag time for oral radioiodide tracer doses. *J Clin Endocrinol Metab* 26:581-582,1966.
30. Fisher DA, Oddie TH, Epperson DP. Norethynodrel-Mestranol and thyroid function. *J Clin Endocrinol Metab* 26:878-884,1966.
31. Oddie TH, Meade JH Jr, Myhill J, Fisher DA. Dependence of renal clearance of radioiodide on sex, age and thyroidal status. *J Clin Endocrinol Metab* 26:1293-1296,1966.
32. Oddie TH, Fisher DA. Mean euthyroid 24-hour radioiodide uptake as a characteristic of different patient populations. *J Clin Endocrinol Metab* 27:11-14,1967.
33. Oddie TH, Fisher DA. Protein bound iodine level in euthyroid children and adolescents. *J Clin Endocrinol Metab* 27:89-92,1967.
34. Oddie TH, Meade JH Jr, Fisher DA. Dependence of thyroidal clearance rate on plasma iodide level. *J Clin Endocrinol Metab* 27:722-727,1967.
35. Fisher DA. Artfactual deiodination during cellulose starch thin-layer chromatography. *J Clin Endocrinol Metab* 28:717-720,1968.
36. Oddie TH, Pirniquie FG, Fisher DA, Meade JH Jr. Geographic variation of radioiodine uptake in euthyroid subjects. *J Clin Endocrinol Metab* 28:761-775,1968.

THYROID DEVELOPMENT AND METABOLISM

3

37. Oddie TH, Myhill J, Pirniquie FG, Fisher DA. The effect of age and sex on radioiodine uptake in euthyroid subjects. *J Clin Endocrinol Metab* 28:776-782,1968.
38. Fisher DA, Oddie TH. Effect of methyl testosterone on thyroxine metabolism and on triiodothyronine kinetics. *J Clin Endocrinol Metab* 28:1690-1698,1968.
39. Fisher DA, Oddie TH. Thyroidal radioiodine clearance and thyroid iodine accumulation: the contrast between random daily variation and population data. *J Clin Endocrinol Metab* 29:111-115,1969.
40. Fisher DA, Lackey C. Factors influencing the recovery of iodine from protein-free samples after alkaline ashing. *Endocrinology* 84:1526-1529,1969.
41. Fisher DA, Oddie TH. Thyroid iodine content and turnover in euthyroid subjects. *J Clin Endocrinol Metab* 29:721-727,1969.
42. Myhill J, Oddie TH, Hales I, Fisher DA. The influence of iodide on thyroid function in euthyroid Australian subjects. *Acta Endocrinol* 62:1-10,1969.
43. Fisher DA, Odell WD, Hobel C, Garza R. Thyroid function in the term fetus. *Pediatrics* 44:526-535,1969.
44. Fisher DA, Odell WD. Acute release of thyrotropin in the newborn. *J Clin Invest* 48:1670-1677,1969.
45. Chopra IJ, Solomon DH, Johnson DE, Chopra U, Fisher DA. Dissociation of serum LATS content and thyroid suppressibility during treatment of hyperthyroidism. *J Clin Endocrinol Metab* 30:524-528,1970.
46. Oddie TH, Fisher DA, McConahey WM, Thompson CS. Iodine intake in the United States: a reassessment. *J Clin Endocrinol Metab* 30:659-665,1970.
47. Fisher DA, Hobel CJ, Garza R, Pierce C. Thyroid function in the preterm fetus. *Pediatrics* 46:208-216,1970.
48. Nicoloff JT, Fisher DA, Appleman MD Jr. The role of glucocorticoids in the regulation of thyroid function in man. *J Clin Invest* 49:1922-1929,1970.
49. Oddie TH, Flanigan WJ, Fisher DA. Iodine and thyroxine metabolism in anephric patients receiving chronic peritoneal dialysis. *J Clin Endocrinol Metab* 31:277-282,1970.
50. Dussault JH, Hobel CJ, Fisher DA. Maternal and fetal thyroxine secretion during pregnancy in the sheep. *Endocrinology* 88:47-51,1971.
51. Fisher DA, Dussault JH. Contribution of methodological artifacts to the measurement of T3 concentration in serum. *J Clin Endocrinol Metab* 32:675-679,1971.
52. Dussault JH, Lam R, Fisher DA. The measurement of serum triiodothyronine by double column chromatography. *J Lab Clin Med* 77:1039-1050,1971.
53. Oddie TH, Fisher DA, Dussault JH, Thompson CS. Triiodothyronine turnover in euthyroid subjects. *J Clin Endocrinol Metab* 33:653-660,1971.
54. Fisher DA, Oddie TH. Thyroidal thyronine and non-thyronine secretion in euthyroid subjects. *J Clin Endocrinol Metab* 33:647-652,1971.
55. Fisher DA, Odell WD. Effect of cold on TSH secretion in man. *J Clin Endocrinol Metab* 33:859-862,1971.

THYROID DEVELOPMENT AND METABOLISM

4

56. Dussault JH, Hobel CJ, Fisher DA. Thyroxine secretion in fetal sheep. Further Advances in Thyroid Research. Proc 6th Int Thyroid Conf, Wiener Medizinischen Akad, 1971, pp 273-280.
57. Dussault JH, Fisher DA. Absence of in vivo extra-thyroidal conversion of thyroxine to triiodothyronine in serum of sheep. Further Advances in Thyroid research: Proc 6th Int Thyroid Conf, Wiener Medizinischen Akad, 1971, pp 237-242.
58. Nicoloff JT, Low JC, Dussault JH, Fisher DA. Simultaneous measurement of thyroxine and triiodothyronine peripheral turnover kinetics in man. J Clin Invest 51:473-483,1972.
59. Dussault JH, Fisher DA. Thyroxine et triiodothyronine libres chez la brebis et son foetus. L'Union Medical Du Canada 161:689-691,1972.
60. Dussault JH, Hobel CJ, DiStefano JJ III, Erenberg A, Fisher DA. Triiodothyronine turnover in maternal and fetal sheep. Endocrinology 90:1301-1308,1972.
61. Oddie TH, Boyd CM, Fisher DA, Hales IB. Incidence of signs and symptoms in thyroid disease. Med J Aust 2:981-986,1972.
62. Fisher DA, Chopra IJ, Dussault JH. Extrathyroidal conversion of thyroxine to triiodothyronine in sheep. Endocrinology 91:1141-1144,1972.
63. Fisher DA, Dussault JH, Erenberg A, Lam RW. Thyroxine and triiodothyronine metabolism in maternal and fetal sheep. Pediatr Res 6:894-899,1972.
64. Chopra IJ, Fisher DA, Beall GN, Solomon DH. Thyroxine and triiodothyronine in human thyroid tissue. J Clin Endocrinol Metab 36:311-316,1973.
65. Dussault JH, Fisher DA, Nicoloff JT, Row VV, Volpe R. The effect of alteration of thyroxine binding capacity on the dialyzable and absolute fraction of triiodothyronine in circulation. Acta Endocrinol 72:265-271,1973.
66. Fisher DA, Dussault JH, Lam RW. Serum and thyroid gland triiodothyronine in the human fetus. J Clin Endocrinol Metab 36:397-400,1973.
67. Erenberg A, Fisher DA. Thyroid hormone metabolism in the foetus. In: Foetal and Neonatal Physiology: Proceedings of the Sir Joseph Barcroft Centenary Symposium, Cambridge University Press, London, 1973, pp. 508-526.
68. DiStefano JJ III, Durando AR, Jang M, Jenkins D, Johnson DJ, Mak P, Marshall T, Mons B, Warsavsky A, Fisher DA. Estimates and estimation errors of hormone secretion, transport and disposal rates in the maternal-fetal system. Endocrinology 93:324-342,1973.
69. Erenberg A, Omori K, Oh W, Fisher DA. The effect of fetal thyroidectomy on thyroid hormone metabolism in maternal and fetal sheep. Pediatr Res 7:870-877,1973.
70. Fisher DA. Fetal-maternal thyroid relationship. Excerpta Medica, Amsterdam, Int Congress Series No. 273, 1973, Proc. 4th Int Congress of Endocrinology, pp. 1045-1050.
71. Fisher DA, Lam RW. Thyroid hormone binding by bovine and ovine fetuin. Endocrinology 94:49-54,1974.
72. Erenberg A, Phelps DL, Oh W, Fisher DA. Total and free thyroxine and triiodothyronine concentrations in the newborn period. Pediatrics 53:211-216,1974.

THYROID DEVELOPMENT AND METABOLISM

5

73. Oddie TH, Hales IB, Steil JN, Reeve TS, Hopper M, Boyd CM, Fisher DA. Prospective trial of computer program for the diagnosis of thyroid disorders. *J Clin Endocrinol Metab* 38:876-882,1974.
74. Erenberg A, Omori K, Menkes JH, Oh W, Fisher DA. Growth and development of the thyroidectomized ovine fetus. *Pediatr Res* 8:783-789,1974.
75. Fisher DA, Oddie TH, Johnson DE, Nelson JC. The diagnosis of Hashimoto's thyroiditis. *J Clin Endocrinol Metab* 40:795-801,1975.
76. Van Herle JA, Young RT, Fisher DA, Uller RP, Brickman CH. Intrauterine treatment of a hypothyroid fetus. *J Clin Endocrinol Metab* 40:474-477,1975.
77. Sack J, Fisher DA, Hobel CJ, Lam RW. Thyroxine in human amniotic fluid. *J Pediatr* 87:364-368,1975.
78. Chopra IJ, Sack J, Fisher DA. Circulating 3,3',5'triiodothyronine (reverse T3) in the human newborn. *J Clin Invest* 55:1137-1141,1975.
79. Chopra IJ, Sack J, Fisher DA. 3,3',5' triiodothyronine (reverse T3) in fetal and adult sheep; studies of metabolic clearance rate, production rate, serum binding, and thyroidal content relative to thyroxine. *Endocrinology* 97:1080-1088,1975.
80. Sack J, Fisher DA, Lam RW. Thyroid hormone metabolism in amniotic and allantoic fluids of sheep. *Pediatr Res* 9:837-841,1975.
81. Chopra IJ, Sack J, Fisher DA. Mechanisms of high reverse T3 and low T3 in the fetus. In: Robbins J, Braverman LE, Eds. *Thyroid Research*, Excerpta Medica, Amsterdam, Int Congress Series No. 378, 1976, pp. 278-281.
82. Sack J, Beaudry M, DeLamater PV, Oh W, Fisher DA. Umbilical cord cutting triggers hypertriiodothyroninemia and non-shivering thermogenesis in the newborn lamb. *Pediatr Res* 10:169-175,1976.
83. Bray GA, Chopra IJ, Fisher DA. Relation of thyroid hormones to body weight. *Lancet* 1:1206-1208,1976.
84. Sack J, Fisher DA, Wang CC. Serum thyrotropin, prolactin and growth hormone levels during the early neonatal period in the human infant. *J Pediatr* 89:298-300,1976.
85. Lightner ES, Fisher DA, Giles H, Woolfenden J. Intraamniotic injection of thyroxine (T4) to a human fetus: evidence for conversion of T4 to reverse T3. *Am J Obstet Gynecol* 127:487-490,1977.
86. Parslow ME, Oddie TH, Fisher DA. Evaluation of serum triiodothyronine and adjusted triiodothyronine (free triiodothyronine index) in pregnancy. *Clin Chem* 23:490-492,1977.
87. Oddie TH, Fisher DA, Bernard B, Lam RW. Thyroid function at birth in infants 30 to 45 weeks gestation. *J Pediatr* 90:803-806,1977.
88. Fisher DA. Development of the Thyroid. Excerpta Medica, Amsterdam, Int. Congress Series No. 402, 1977, Proc 5th Int Congress of Endocrinology, pp. 278-281.
89. Wilson KC, DiStefano JJ III, Fisher DA, Sack J. System analysis and estimation of key parameters of thyroid hormone metabolism in sheep. *Ann Biomed Eng* 5:70-84,1977.
90. Sack J, Fisher DA, Grawjer LA, Lam RW, Wang CC. The response of newborn sheep to TRH with and without somatostatin. *Endocrinology* 100:1533-1538,1977.

THYROID DEVELOPMENT AND METABOLISM

6

91. Bernard B, Oddie TH, Fisher DA. Correlation between gestational age, weight or ponderosity and serum thyroxine concentrations at birth. *J Pediatr* 91:199-203,1977.
92. Fisher DA, Sack J, Oddie TH, Pekary AE, Hershman JM, Lam RW, Parslow ME. Serum T4, TBG, T3 uptake, T3, reverse T3 and TSH concentrations in children 1 to 15 years of age. *J Clin Endocrinol Metab* 45:191-198,1977.
93. Fisher DA, Dussault JH, Sack J, Chopra IJ. Ontogenesis of hypothalamic-pituitary-thyroid function and metabolism in man, sheep and rat. *Rec Prog Horm Res* 33:59-116,1977.
94. Klein AH, Foley TP, Bernard B, Ho RS, Fisher DA. Cord blood reverse T3 (rT3) in congenital hypothyroidism. *J Clin Endocrinol Metab* 46:336-338,1978.
95. Oddie TH, Bernard B, Presley M, Klein AH, Fisher DA. Damped oscillations in serum thyroid hormone levels of normal newborn infants. *J Clin Endocrinol Metab* 47:61-65,1978.
96. Wu WY, Klein AH, Chopra IJ, Fisher DA. Alterations in tissue thyroxine 5'-monodeiodinating activity in the perinatal period. *Endocrinology* 103:235-239,1978.
97. Klein AH, Oddie TH, Fisher DA. Effect of parturition on serum iodothyronine concentrations in fetal sheep. *Endocrinology* 103:1453-1457,1978.
98. Klein AH, Hobel CJ, Sack J, Fisher DA. The effect of intraamniotic fluid thyroxine injection on fetal serum and amniotic fluid iodothyronine concentrations. *J Clin Endocrinol Metab* 47:1034-1037,1978.
99. Chopra IJ, Solomon DH, Chopra U, Wu SY, Fisher DA, Nakamura Y. Pathways of metabolism of thyroid hormones. *Rec Prog Horm Res* 34:521-567,1978.
100. Atkinson RL, Dahms WT, Fisher DA. Occult thyroid disease in an elderly hospitalized population. *J Gerontology* 33:372-376,1978.
101. Klein AH, Foley B, Kenny FS, Fisher DA. Thyroid hormone and TSH responses to parturition in premature infants with and without the respiratory distress syndrome. *Pediatrics* 63:380-385,1979.
102. Bernard B, Oddie TH, Klein AH, Fisher DA. Oscillations in reverse triiodothyronine levels in serum of healthy infants aged 0 to 236 hours. *J Clin Endocrinol Metab* 48:790-792,1979.
103. Fisher DA, Dussault JH, Foley TP Jr, Klein AH, LaFranchi S, Larsen PR, Mitchell ML, Murphey WH, Walfish PG. Screening for congenital hypothyroidism: results of screening 1 million North American infants. *J Pediatr* 94:700-705,1979.
104. Oddie TH, Klein AH, Foley TP, Fisher DA. Variation in values for iodothyronine hormones, thyrotropin and thyroxine-binding globulin in normal umbilical cord serum with season and duration of storage. *Clin Chem* 25:1251-1253,1979.
105. Oddie TH, Bernard B, Klein AH, Fisher DA. Comparison of T4, T3, rT3 and TSH concentrations in cord blood and serum of infants up to 3 months of age. *Early Human Devel.* 3:239-244,1979.
106. Klein AH, Murphy BEP, Oddie TH, Fisher DA. Amniotic fluid thyroid hormone concentrations during human gestation. *Am J Obstet Gynecol* 136:626-630,1980.
107. Klein AH, Fisher DA. TRH stimulated pituitary and thyroid gland responsiveness and T3 suppression in fetal and neonatal lambs. *Endocrinology* 106:697-701,1980.

THYROID DEVELOPMENT AND METABOLISM

7

108. Klein AH, Oddie TH, Fisher DA. Iodothyronine kinetic studies in the newborn lamb. *J Devel Physiol* 2:29-35,1980.
109. Klein AH, Foley B, Foley TP, MacDonald HM, Fisher DA. Thyroid function studies in cord blood from premature infants with and without RDS. *J Pediatr* 98:818-819,1981.
110. Lakshmanan J, Mansfield H, Weichsel ME Jr, Hoath S, Scott S, Shapshak P, Fisher DA. Neonatal hypothyroidism: a biochemical disorder of α -tubulin metabolism. *Biochem Biophys Res Comm* 100:1587-1596,1981.
111. Hadeed AJ, Asay LD, Klein AH, Fisher DA. Significance of transient postnatal hypothyroxinemia in premature infants with and without RDS. *Pediatrics* 68:494-498,1981.
112. Klein AH, Jenkins J, Reviczky A, Fisher DA. Thyroid hormone-sensitive brown adipose tissue respiration in newborn rabbits. *Am J Physiol, Endocrinol Metab* 4:E449-453,1981.
113. Klein AH, Oddie TH, Parslow M, Foley TP Jr, Fisher DA. Developmental changes in pituitary-thyroid function in the human fetus and newborn. *Early Human Devel* 6:321-330,1982.
114. Klein AH, Reviczky A, Chou P, Padbury J, Fisher DA. Development of brown adipose tissue thermogenesis in the ovine fetus and newborn. *Endocrinology* 112:1662-1666,1983.
115. Klein AH, Reviczky A, Padbury JF, Fisher DA. Effects of changes in thyroid status on tissue respiration in fetal and newborn sheep. *Am J Physiol, Endocrinol Metab* 7:E603-606,1983.
116. Ballard PL, Klein AH, Fisher DA. Thyroid hormones and plasma corticosteroid binding globulin capacity in fetal and newborn lambs. *Endocrinology* 113:1197-1200,1983.
117. Scott SM, Klein AH, Fisher DA. Postmortem changes in serum thyroid hormone concentrations and the sudden death syndrome (SIDS). *J Pediatr* 103:669-670,1983.
118. Butler SR, Lam RW, Fisher DA. Iodination of thyroliberin by use of iodogen. *Clin Chem* 30:547-548,1984.
119. Delange F, Dalhem A, Bourdoux P, Legasse R, Glinoyer D, Fisher DA, Walfish PG, Ermans AM. Increased risk of primary hypothyroidism in preterm infants. *J Pediatr* 105:462-469,1984.
120. Glick Z, Wu SY, Lupien J, Reggio R, Bray GA, Fisher DA. Meal induced brown fat thermogenesis and thyroid hormone metabolism in the rat. *Am J Physiol: Endocrinol Metab* 12:E519-524,1985.
121. Padbury JF, Klein AH, Polk DH, Lam RW, Hobel CJ, Fisher DA. The effect of thyroid status on lung and heart beta adrenergic receptors in fetal and newborn sheep. *Devel Pharmacol Therapeut* 9:44-53,1986.
122. Wu SY, Polk D, Klein AH, Fisher DA. The mechanism of low serum T3 in the fetus: Hepatic T4 - 5' monodeiodinase versus tissue sulfhydryl content; a clarification. *J Devel Physiol* 8:43-48,1986.
123. Polk DH, Wu SY, Fisher DA. Serum thyroid hormone and tissue 5' monodeiodinase activity in acutely thyroidectomized newborn lambs. *Am J Physiol: Endocrinol Metab* 14:E151-155,1986.
124. Callegari CC, Tarris RH, Cheung S, Weichsel ME Jr, Fisher DA. Evidence for nuclear T3 receptors in neonatal cerebral astrocytes, In Medeiros-Neto G, Gaitan E, Eds. *Frontiers in Thyroidology, Proc. 9th Int, Thyroid Congr*, Plenum Publ, New York, pp 713-716,1986.
125. Wu SY, Polk DH, Fisher DA. Biochemical and ontogenic characterization of T4 5' - monodeiodinase in brown adipose tissue from fetal and newborn lambs. *Endocrinology* 118:1334-1339,1986.

THYROID DEVELOPMENT AND METABOLISM

8

126. Karpman BA, Rapoport B, Filetti S, Fisher DA. Treatment of neonatal hyperthyroidism due to Graves' disease with sodium ipodate. *J Clin Endocrinol Metab* 64:119-123,1987.
127. Wu SY, Stern JS, Fisher DA, Glick Z. Cold induced increase in brown fat thyroxine 5' monodeiodinase is attenuated in the Zucker obese rat. *Am J Physiol:Endocrinol Metab* 15:E63-67,1987.
128. Polk DH, Padbury JF, Callegari C, Newnham JP, Reviczky AL, Klein AH, Fisher DA. Effect of fetal thyroidectomy on newborn thermogenesis in lambs. *Pediatr Res* 21:453-457,1987.
129. Polk DH, Wu SY, Wright C, Reviczky AL, Fisher DA. Ontogeny of thyroid hormone effect on tissue 5'monodeiodinase activity in fetal sheep. *Am J Physiol: Endocrinol Metab* 17:E337-341,1988.
131. Polk D, Cheromcha D, Reviczky A, Fisher DA. Nuclear thyroid hormone receptors: ontogeny and thyroid hormone effects in sheep. *Am J Physiol: Endocrinol Metab* 19:E543-549,1989.
132. Fisher DA, Foley B. Early treatment of congenital hypothyroidism. *Pediatrics* 83:785-789,1989.
133. Pandian MR, Morgan C, Nelson JC, Fisher DA. A method for differentiating the various abnormalities of T4 binding to serum proteins using T4 radioelectrophoresis and binding protein immunoassays. *Clin Chem* 36:457-461,1990.
134. Wu SY, Merryfield ML, Polk DH, Fisher DA. Two pathways for thyroxine 5'-monodeiodination in brown adipose tissue in fetal sheep: ontogenesis and divergent responses to hypothyroidism and T3 replacement. *Endocrinology* 126:1950-1958,1990.
135. North D, Fisher DA. Thyroid hormone receptor and receptor related RNA levels in developing rat brain. *Pediatr Res* 28:622-625,1990.
136. Fuse Y, Polk DH, Lam RW, Reviczky AL, Fisher DA. Distribution and ontogeny of thyrotropin releasing hormone degrading enzymes in the rat. *Am J Physiol: Endocrinol Metab* E787-791,1990.
137. Fuse Y, Polk DH, Lam RW, Wikler C, Fisher DA. Distribution of thyrotropin releasing hormone (TRH) and precursor peptide (TRH-Gly) in adult rat tissues. *Endocrinology* 127:2501-2505,1990.
138. Polk DA, Reviczky A, Lam RW, Fisher DA. Thyrotropin releasing hormone in the ovine fetus, ontogeny and effect of thyroid hormone. *Am J Physiol:Endocrinol Metab* 23:E53-58,1991.
139. Davidson KM, Richards DS, Schatz DA, Fisher DA. Successful in-utero treatment of a large fetal goiter and hypothyroidism with intra-amniotic levothyroxine administration. *N Engl J Med* 324:543-546,1991.
140. Fuse Y, Polk DH, Lam RW, Fisher DA. Ontogeny of thyrotropin releasing hormone (TRH) and precursor peptide (TRH-Gly) in the rat. *Pediatric Res* 30:28-33,1991.
141. Wu SY, Kim JK, Chopra IJ, Murata Y, Fisher DA. Postnatal changes in lambs of two pathways for thyroxine 5'monodeiodination in brown adipose tissue. *Am J Physiol: Endocrinol Metab* 24:E257-261,1991.
142. Wu SY, Huang WS, Polk D, Florsheim WH, Green WL, Fisher DA. Identification of thyroxine sulfate (T4S) in human serum and amniotic fluid by a novel T4S radioimmunoassay. *Thyroid* 2:101-105,1992.
143. Wu SY, Polk D, Wong S, Reviczky A, Vu R, Fisher DA. Thyroxine sulfate is a major thyroid hormone metabolite and a potential intermediate in the monodeiodination pathways in fetal sheep. *Endocrinology* 131:1751-1756,1992.
144. Wu SY, Huang WS, Polk D, Chen WL, Reviczky A, Williams J III, Chopra IJ, Fisher DA. The development of a radioimmunoassay for reverse triiodothyronine sulfate (rT₃S) in human serum and amniotic fluid. *J Clin Endocrinol Metab* 76:1625-1630,1993.

THYROID DEVELOPMENT AND METABOLISM

9

145. Wu SY, Polk DH, Huang WS, Reviczky A, Wang K, Fisher DA. Sulfate conjugates of iodothyronines in the developing sheep: the effect of fetal hypothyroidism. *Am J Physiol* 265:E115-120,1993.
146. Wu SY, Chen WL, Fisher DA, Polk DH, Huang WS, Yee B. A 3,3' diiodothyronine sulfate crossreactive compound in sera of pregnant women. *J Clin End Metab* 78:1505-1509,1994.
147. Polk DH, Reviczky A, Wu SY, Huang WS, Fisher DA. Metabolism of sulfoconjugated thyroid hormone derivatives in developing sheep. *Am J Physiol* 266:E892-896,1994.
148. Fisher DA, Polk DH, Wu SY. Fetal thyroid metabolism: a pluralistic system. *Thyroid* 4:367-371,1994.
149. Wu SY, Polk DH, Fisher DA, Huang WS, Revicsky AL, Chen WL. Identification of 3,3' diiodothyronine sulfate (3,3'-T2S) as a fetal thyroid hormone derivative in maternal urine in sheep. *Am J Physiol: 268 (Endocrinol Metab 31): E33-39,1995.*
150. Abuhamad AZ, Fisher DA, Warsof SL, Slotnick RN, Pyle PG, Wu SY, Evans AT. Antenatal diagnosis and treatment of goitrous hypothyroidism: case report and review of the literature. *Ultrasound Obstet Gynecol* 6:368-371,1995.
151. Wu SY, Fisher DA, Huang WS, Beck-Peccoz P, Emerson CH, Kuo SW, Chen WL. Urinary compound W in pregnant women is a potential marker for fetal thyroid function. *Am J Obstet Gynecol* 178:886-891,1998.
152. Dussault JH, Fisher DA. Thyroid function in mothers of hypothyroid newborns. *Obstet Gynecol* 93:15-20,1999.
153. Rajatanavin R, Fisher DA, Chailurkit L, Huang S, Srisupandit S, Wu SY. A T2S cross-reactive material (compound W) in hyperthyroid patients with trophoblastic disease. *Thyroid* 9:989-994,1999.
154. Cortalazzi DP, Morpurgo S, Azmperini P, Fisher DA, Beck Peccoz P, Wu SY. Maternal compound W - serial measurements on the management of fetal hypothyroidism. *Eur J Endocrinol* 141:570-578,1999.
155. Wu SY, Polk DH, Huang WS, Fisher DA. Fetal to maternal transfer of 3,3' 5-triiodothyronine sulfate and its metabolite in sheep. *Am J Physiol: Endocrinology and Metabolism* 277:E915-919,1999.
156. Fisher DA, Nelson JC, Carlton EI, Wilcox RB. Maturation of human hypothalamic-pituitary-thyroid function and control. *Thyroid* 10:229-234,2000.
157. Fisher DA, Schoen EJ, La Franchi S, Mandel SH, Nelson JC, Carlton EI, Goshi JH. The hypothalamic-pituitary-thyroid negative feedback control axis in children with treated congenital hypothyroidism. *J Clin Endocrinol Metab* 85:2722-2727,2000.
158. Wu SY, Huang WS, Fisher DA, Florsheim WH, St. Germain DL, Galton A. Characterization of a novel iodothyronine sulfotransferase activity in pregnant rat uterus. *Pediatr Res* 48:847-851,2000.
159. Wu SY, Huang WS, Fisher DA, Florsheim WH, Kashiwai K, Polk DH. 3,3' Diiodothyronine sulfate excretion in maternal urine reflects fetal thyroid function in sheep. *Pediatr Res* 50:358-364,2001.
160. Wu SY, Polk DH, Huang WS, Green WL, Thai B, Fisher DA. Fetal to maternal transfer of thyroid hormone metabolites in late gestation sheep. *Pediatric Research* 59:102-106,2006.
161. Wu SY, Huang WS, Ho E, Wu ESC, Fisher DA. A 3,3' diiodothyronine sulfate cross-reactive substance, compound W, in serum of pregnant women – a potential marker for fetal thyroid function. *Pediatric Research* 61:307-312,2007.
162. Wu SY, Polk DH, Huang WS, Ho E, Kattan JM, Fisher DA. 3'-monoiodothyronine sulfate and triac sulfate are thyroid hormone metabolites in developing sheep. *Pediatric Research* 63:149-153,2008.

THYROID DEVELOPMENT AND METABOLISM

10

163. LaGamma EF, vanWassenaer AG, Ares S, Golombek SG, Kok JH, Quero J, Hong T, Rahbar MH, Morreale de Escobar G, Fisher DA, Paneth N. A randomized trial of four thyroid hormone regimens for transient hypothyroxinemia in neonates <28 weeks gestation: the THOP1 trial. *Pediatrics*, 124:e1-e11,2009.
164. Chen DZ, Yu HY, Bao JD, Xue W, Xing Y, Zhang L, Green WL, Fisher DA, Wu SY. 3,3'-diiodothyronine sulfate cross-reactive material (compound W) in human newborns. *Pediatric Research*, 72:521-524,2012.

WATER ELECTROLYTE AND NEUROPHYPOPHYSIAL HORMONES

11

1. Fisher DA. Carbonic anhydrase activity in fetal and young rhesus monkeys. *Proc Soc Exp Biol Med* 107:359-363,1961.
2. Fisher DA, Panos TC. Dissociation of volume and osmolar control of ADH in infancy. *Am J Dis Child* 106:130-136,1963.
3. Fisher DA, Pyle HR, Porter JC, Panos TC. Studies of control of water balance in the newborn. *Am J Dis Child* 106:137-146,1963.
4. Fisher DA, Morris MD. Idiopathic edema and hyperaldosteronuria: postural venous plasma pooling. *Pediatrics* 35:413-424,1965.
5. Fisher DA. Cold diuresis in the newborn. *Pediatrics* 40:636-641,1967.
6. Fisher DA. Norepinephrine inhibition of vasopressin antidiuresis. *J Clin Invest* 47:540-547,1968.
7. Skowsky WR, Fisher DA. The use of thyroglobulin to induce antigenicity to small molecules. *J Lab Clin Med* 80:134-144,1972.
8. Skowsky WR, Bashore RA, Smith FG Jr, Fisher DA. Vasopressin metabolism in the foetus and newborn. In: *Foetal and Neonatal Physiology: Proceedings of the Sir Joseph Barcroft Centenary Symposium*, Cambridge University Press, London, 1973, pp. 439-447.
9. Skowsky WR, Fisher DA. Intermittent, idiopathic, inappropriate vasopressin secretion in a child. *J Pediatr* 83:62-68,1973.
10. Siegel S, Fisher DA, Oh W. Renal function and aldosterone levels in infants with respiratory distress syndrome. *J Pediatr* 83:854-858,1973.
11. Skowsky WR, Rosenbloom AA, Fisher DA. Radioimmunoassay measurement of arginine vasopressin in whole serum: development and application. *J Clin Endocrinol Metab* 38:278-287,1974.
12. Siegel S, Fisher DA, Oh W. Serum aldosterone concentrations related to sodium balance in the newborn infants. *Pediatrics* 53:41-413,1974.
13. Rosenbloom AA, Fisher DA. Radioimmunoassay of arginine vasotocin. *Endocrinology* 95:1726-1732,1974.
14. Rosenbloom AA, Sack J, Fisher DA. The circulating vasopressinase of pregnancy: species comparison using radioimmunoassay. *Am J Obstet Gynecol* 121:316-320,1975.
15. Rosenbloom AA, Fisher DA. Arginine vasotocin in the rabbit subcommisural organ. *Endocrinology* 96:1038-1039,1975.
16. Rosenbloom AA, Fisher DA. Radioimmunoassayable AVP and AVT in adult mammalian brain tissue: comparison of normal and Brattleboro rats. *Neuroendocrinology* 17:354-361,1975.
17. Skowsky WR, Fisher DA. Arginine vasopressin secretion in thyroidectomized sheep. *Endocrinology* 100:1022-1026,1977.
18. Skowsky WR, Fisher DA. Fetal neurohypophyseal arginine vasopressin and arginine vasotocin in man and sheep. *Pediatr Res* 11:627-630,1977.

19. Boasberg PD, Henry JP, Rosenbloom AA, Hall TC, Rose M, Fisher DA. Case reports and studies of paraneoplastic hypotension: abnormal low pressure baroreceptor response. *Med Pediatr Oncol* 3:59-66,1977.
20. Siegel S, Fisher DA. The renin-angiotensin-aldosterone system in the newborn lamb: response to furosemide. *Pediatr Res* 11:837-839,1977.
21. Weitzman RE, Fisher DA, DiStefano JJ III, Bennett CM. Episodic secretion of arginine vasopressin. *Am J Physiol* 233:E32-36,1977.
22. Weitzman RE, Fisher DA. Log linear relationship between plasma arginine vasopressin and plasma osmolality. *Am J Physiol* 233:E37-40,1977.
23. Weitzman RE, Fisher DA, Minick S, Ling N, Guillemin R. Beta-endorphin stimulates secretion of arginine vasopressin in vivo. *Endocrinology* 101:1643-1646,1977.
24. Weitzman RE, Fisher DA, Robillard J, Erenberg A, Kennedy R, Smith F. Arginine vasopressin response to an osmotic stimulus in the fetal sheep. *Pediatr Res* 12:35-38,1978.
25. Kendler KS, Weitzman RE, Fisher DA. The effect of pain on plasma vasopressin concentrations in man. *Clin Endocrinol* 8:89-94,1978.
26. Raskind MA, Weitzman RE, Orenstein H, Fisher DA, Courtney H. Antidiuretic hormone is elevated in psychosis: A pilot study. *Biological Psych* 13:385-390,1978.
27. Weitzman RE, Glatz TH, Fisher DA. The effects of hemorrhage and hypertonic saline upon plasma oxytocin and arginine vasopressin in conscious dogs. *Endocrinology* 103:2154-2160,1978.
28. Weitzman RE, Fisher DA. Arginine vasopressin metabolism in dogs, I. Evidence for a receptor mediated mechanism. *Am J Physiol* 235:E591-597,1978.
29. Wilson KC, Weitzman RE, Fisher DA. Arginine vasopressin metabolism in dogs, II. Modeling and system analysis. *Am J Physiol* 235:E598-605,1978.
30. Siegel SR, Weitzman RE, Fisher DA. Endogenous angiotensin stimulation of vasopressin in the newborn lamb. *J Clin Invest* 63:287-293,1979.
31. Leake RD, Weitzman RE, Weinberg JA, Fisher DA. Control of vasopressin secretion in the newborn lamb. *Pediatr Res* 13:257-260,1979.
32. Siegel SR, Fisher DA. The effects of angiotensin II blockade and nephrectomy on the renin-angiotensin-aldosterone system in the newborn. *Pediatr Res* 13:603-605,1979.
33. Robillard JE, Weitzman RE, Fisher DA, Smith FG Jr. The dynamics of vasopressin release and blood volume regulation during fetal hemorrhage in the lamb fetus. *Pediatr Res* 13:606-610,1979.
34. Hadeed AJ, Leake RD, Weitzman RE, Fisher DA. Possible mechanism of high levels of vasopressin during the neonatal period. *J Pediatr* 94:805-808,1979.
35. Weitzman RE, Firemark HM, Glatz TH, Fisher DA. Thyrotropin releasing hormone stimulates release of arginine vasopressin and oxytocin in vivo. *Endocrinology* 104:904-907,1979.
36. Leake RD, Weitzman RE, Effros RM, Siegel SR, Fisher DA. Maternal fetal osmolar homeostasis: fetal posterior pituitary autonomy. *Pediatr Res* 13:841-844,1979.

37. Siegel SR, Fisher DA. Ontogeny of the renin-angiotensin-aldosterone system in the fetal and newborn lamb. *Pediatr Res* 14:99-102,1980.
38. Weitzman RE, Reviczky A, Oddie TH, Fisher DA. The effect of osmolality on arginine vasopressin and renin release after hemorrhage. *Am J Physiol: Endocrinol Metab* 1:62-68,1980.
39. Glatz TH, Weitzman RE, Nathanielsz PW, Fisher DA. Maternal clearance rate and transplacental passage of oxytocin in the pregnant ewe and fetus. *Endocrinology* 106:1006-1011,1980.
40. Siegel SR, Leake RD, Weitzman RE, Fisher DA. Effects of furosemide and acute salt loading on vasopressin and renin secretion in the fetal lamb. *Pediatr Res* 14:869-871,1980.
41. Weitzman RD, Leake RD, Rubin RT, Fisher DA. The effect of nursing on neurohypophyseal hormone and prolactin secretion in human subjects. *J Clin Endocrinol Metab* 51:836-839,1980.
42. Leake RD, Weitzman RE, Fisher DA. Pharmacokinetics of oxytocin in the human subject. *Obstet Gynecol* 56:701-704,1980.
43. Glatz TH, Weitzman RE, Eliot RJ, Klein AH, Nathanielsz PW, Fisher DA. Ovine maternal and fetal plasma oxytocin concentrations before and during parturition. *Endocrinology* 108:1328-1332,1981.
44. Leake RD, Weitzman RE, Fisher DA. Oxytocin concentrations during the neonatal period. *Biol Neonate* 39:127-131,1981.
45. Leake RD, Weitzman RE, Glatz TH, Fisher DA. Plasma oxytocin concentrations in men, nonpregnant women and pregnant women during and before spontaneous labor. *J Clin Endocrinol Metab* 53:730-733,1981.
46. Reppert SM, Artman HA, Swaminathan S, Fisher DA. Vasopressin exhibits a rhythmic daily pattern in cerebrospinal fluid but not in blood. *Science* 213:1256-1257,1981.
47. Reid RL, Yen SSC, Artman H, Fisher DA. Effects of synthetic-endorphin on the release of neurohypophyseal hormones. *Lancet* 2:1169-1170,1981.
48. Waters CB, Weinberg JE, Leake RD, Fisher DA. Arginine vasopressin levels during a nociceptive stimulus in infancy. *Pediatr Res* 16:569-571,1982.
49. Perlow MJ, Reppert SM, Artman HG, Fisher DA, Self SM, Robinson AG. Oxytocin, vasopressin and estrogen-stimulated neurophysin: Daily patterns of plasma and cerebrospinal fluid concentration and response to estrogen stimulation. *Science* 216:1416-1418,1982.
50. Artman H, Reppert S, Perlow MJ, Swaminathan S, Oddie TH, Fisher DA. Characterization of the daily oxytocin rhythm in primate cerebrospinal fluid. *J Neuroscience* 2:598-603,1982.
51. Reppert SM, Schwartz WJ, Artman HG, Fisher DA. Comparison of the temporal profiles of vasopressin and oxytocin in the cerebrospinal fluid of the cat, monkey, and rat. *Brain Res.* 261:341-345,1983.
52. Tausch A, Stegner H, Leake RD, Artman HG, Fisher DA. Radioimmunoassay of arginine vasopressin in urine: Development and application. *J Clin Endocrinol Metab* 57:777-781,1983.
53. Leake RD, Waters CB, Rubin RT, Buster JE, Fisher DA. Oxytocin and prolactin responses in long term breast feeding. *Obstet Gynecol* 62:565-568,1983.

54. Stegner H, Artman HG, Leake RD, Fisher DA. Does DDVAP (1-Desamine-8-D-Arginine Vasopressin) cross the blood - CSF barrier? *Neuroendocrinol* 37:262-265,1983.
55. Ross MG, Ervin MG, Leake RD, Oakes G, Hobel C, Fisher DA. Bulk flow of amniotic fluid water in response to maternal osmotic challenge. *Am J Obstet Gynecol* 147:697-701,1983.
56. Leake RD, Stegner H, Palmer SM, Oakes GK, Fisher DA. Arginine vasopressin and arginine vasotocin inhibit ovine fetal to maternal water transfer. *Pediatr Res* 17:583-586,1983.
57. Stegner H, Leake RD, Palmer SM, Oakes G, Fisher DA. The effect of hypoxia on neurohypophyseal hormone release in fetal and maternal sheep. *Pediatr Res* 18:188-191,1984.
58. Artman HG, Leake RD, Weitzman RE, Sawyer WH, Fisher DA. Radioimmunoassay of vasotocin, vasopressin and oxytocin and human neonatal CSF and amniotic fluid. *Devel Pharmacol Therapeut* 7:39-49,1984.
59. Stegner H, Leake RD, Palmer SM, Morris AM, Fisher DA. Arginine vasopressin metabolic clearance and production rates in fetal sheep, lambs, maternal and nonpregnant adult sheep. *Clin Pharmacol Therapeut* 7:87-93,1984.
60. Stegner H, Leake RD, Palmer SM, Fisher DA. Permeability of the sheep placenta to 125-I arginine vasopressin. *Devel Pharmacol Therapeut* 7:140-144,1984.
61. Leake RD, Fisher DA, Ross MG, Buster JE. The oxytocin secretory response to breast stimulation in pregnant women. *Am J Obstet Gynecol* 148:259-262,1984.
62. Leake, RD, Buster JE, Fisher DA. The oxytocin secretory response to breast stimulation in women during the menstrual cycle. *Am J Obstet Gynecol* 148:457-460,1984.
63. Leake RD, Stegner H, Palmer SM, Oakes GK, Fisher DA. Cortisol facilitates ovine fetal/maternal water transfer. *Pediatr Res* 18:631-633,1984.
64. Ross MG, Ervin MG, Leake RD, Fu P, Fisher DA. Fetal lung liquid regulation by neuropeptides. *Am J Obstet Gynecol* 150:421-425,1984.
65. Reppert SM, Perlow MJ, Artman HG, Ungerleider LG, Fisher DA, Klein DC. The circadian rhythm of oxytocin in primate cerebrospinal fluid: effects of destruction of the suprachiasmatic nuclei. *Brain Res* 307:384-387,1984.
66. Amico JA, Ervin MG, Leake RD, Fisher DA, Robinson AG. A novel oxytocin-like and vasotocin-like human plasma after administration of estrogen. *J Clin Endocrinol Metab* 60:5-12,1985.
67. Ervin MG, Leake RD, Ross MG, Calvario GC, Fisher DA. Arginine vasotocin in ovine maternal and fetal blood, fetal urine and amniotic fluid, *J. Clin. Invest.* 75:1696-1701,1985.
68. Amico JA, Doll R, Finn FM, Ervin MG, Leake RD, Fisher DA, Robinson AG. High pressure liquid chromatographic separation of an oxytocin-arginine vasotocin-like peptide from the plasma of individuals with chronic renal failure. *J Clin Endocrinol Metab* 60:644-650,1985.
69. Ross MG, Leake RD, Stegner H, Ervin MG, Fisher DA. Oxytocin release induced by melatonin in the ewe. *Devel Pharmacol Therapeut* 8:254-259,1985.
70. Ross MG, Hayashi R, Murad S, Leake RD, Ervin MG, Fisher DA. Water excretion in preeclampsia: behavior as nephrotic syndrome. *Am J Perinatol* 2:283-287,1985.

71. Leake RD, Ervin G, Ross MG, Fisher DA. Ovine fetal-maternal water transfer is independent of fetal prolactin levels. *Pediatr Res* 19:986-988,1985.
72. Ross MG, Ervin MG, Leake RD, Fisher DA. Amniotic fluid ionic concentration in response to chronic fetal vasopressin. *Am J Physiol: Endocrinol Metab* 12:E287-291,1985.
73. Ervin MG, Ross MG, Leake RD, Fisher DA. Changes in steady state plasma arginine vasotocin levels affect ovine fetal renal and cardiovascular function. *Endocrinology* 118:759-765,1986.
74. Ross MG, Ervin MG, Leake RD, Fisher DA. Fetal lung fluid response to maternal hyperosmolality. *Pediatr Pulmonol* 2:40-43,1986.
75. Ervin MG, Ross MG, Leake RD, Fisher DA. Fetal recirculation of amniotic fluid arginine vasopressin. *Am J Physiol:Endocrinol Metab* 13:E253-258,1986.
76. Leake RD, Stegner H, Ross MG, Ervin MG, Oddie TH, Fisher DA. Diurnal variations in plasma arginine vasotocin concentrations in the ovine fetus. *Life Sci* 38:1485-1490,1986.
77. Ross MG, Ervin MG, Leake RD, Habeeb O, Fisher DA. Isovolemic hypotension in the ovine fetus: plasma arginine vasopressin response and urinary effects. *Am J Physiol: Endocrinol Metab* 13:E564-569,1986.
78. Amico JA, Ervin MG, Finn FM, Leake RD, Fisher DA, Robinson AG. The plasma of pregnant women contains a novel oxytocin-like peptide. *Metabolism* 35:596-601,1986.
79. Ross MG, Ervin MG, Leake RD, Humme J, Fisher DA. Continuous ovine fetal hemorrhage: Sensitivity of plasma and urine arginine vasopressin response. *Am J Physiol: Endocrinol Metab* 14:E464-469,1986.
80. Ervin MG, Ross MG, Youseff A, Leake RD, Fisher DA. Renal effects of ovine fetal arginine vasopressin secretion in response to maternal hyperosmolality. *Am J Obstet Gynecol* 155:1341-1347,1986.
81. Leake RD, Ervin MG, Ross MG, Stegner H, Fisher DA. Fetal arginine vasopressin under basal and hypoosmolal conditions. *Biol Neonate* 51:204-211,1987.
82. Ross MG, Ervin MG, Lam RW, Castro L, Leake RD, Fisher DA. Plasma atrial natriuretic peptide response to volume expansion in the ovine fetus. *Am J Obstet Gynecol* 157:1292-1296,1987.
83. Ross MG, Ervin MG, Rappaport VJ, Youseff A, Leake RD, Fisher DA. Ovine fetal urine contribution to amniotic and allantoic compartments. *Biol Neonate* 53:98-104,1988.
84. Ervin MG, Amico JA, Leake RD, Ross MG, Robinson AG, Fisher DA. Arginine vasotocin and a novel oxytocin-vasotocin-like material in plasma of human newborns. *Biol Neonate* 53:17-22,1988.
85. Ervin MG, Ross MG, Castro R, Sherman D, Lam RW, Castro L, Leake RD, Fisher DA. Ovine fetal and adult atrial natriuretic factor metabolism. *Am J Physiol: Reg Int Comp Physiol* 23:R40-46,1988.
86. Castro LC, Lam RW, Ross MG, Ervin MG, Leake RD, Hobel CJ, Fisher DA. Atrial natriuretic peptide (ANP)-like immunoreactivity in the sheep. *J Devel Physiol* 10:235-246,1988.
87. Manoogian C, Pandian M, Erlich L, Fisher D, Horton R. Plasma atrial natriuretic hormone levels in patients with the syndrome of inappropriate antidiuretic hormone secretion. *J Clin Endocrinol Metab* 67:571-575,1988.
88. Ross MG, Ervin MG, Lam RW, Leake RD, Fisher DA. Fetal atrial natriuretic factor and arginine vasopressin responses to hyperosmolality and hypervolemia. *Pediatr Res* 24:318-321,1988.

89. Sherman DJ, Ross MG, Ervin MG, Castro R, Hobel CJ, Fisher DA. Ovine fetal lung fluid response to intravenous saline infusion: fetal ANF effect. *Am J Obstet Gynecol* 159:1347-1352,1988.
90. Ervin MG, Ross MG, Leake RD, Fisher DA. Developmental changes in the adrenergic regulation of fetal arginine vasopressin secretion. *Am J Physiol: Endocrinol Metab* 19:E406-412,1989.
91. Castro R, Ervin MG, Ross MG, Sherman DJ, Leake RD, Fisher DA. Ovine lung fluid response to atrial natriuretic factor. *Am J Obstet Gynecol* 161:1337-1343,1989.
92. Ervin MG, Castro R, Sherman DJ, Ross MG, Padbury JF, Leake RD, Fisher DA. Ovine fetal renal and hormonal responses to changes in plasma epinephrine. *Am J Physiol: Regulatory Integrative Comp Physiol* 29:R82-89,1991.
93. Castro R, Ervin MG, Leake RD, Ross MG, Sherman DJ, Fisher DA. Fetal renal response to atrial natriuretic factor decreases with maturation. *Am J Physiol: Regulatory Integrative Comp* 29:R346-352,1991.
94. Castro R, Ervin MG, Leake RD, Ross MG, Fisher DA. Effect of a ring-deleted atrial natriuretic factor analogue on ovine fetal renal and cardiovascular function. *Pediatric Res* 29:342-346,1991.
95. Castro R, Leake RD, Ervin MG, Ross MG, Fisher DA. Ontogeny of atrial natriuretic factor receptors and cGMP response in rabbit renal glomerular. *Pediatric Res* 30:45-49,1991.
96. Fujino Y, Ross MG, Castro R, Ervin MG, Leake RD, Fisher DA. Ovine fetal and maternal glomerular atrial natriuretic factor receptors: response to dehydration. *Biol Neonate* 62:120-126,1992.
97. Ervin MG, Ross MG, Leake RD, Fisher DA. V1 and V2 receptor contributions to ovine fetal renal and cardiovascular responses to vasopressin. *Am J Physiol: Regul Integr Comp Physiol* 262:R636-643,1992.
98. Kullama LK, Ross MG, Lam R, Leake RD, Ervin MG, Fisher DA. Ovine maternal and fetal renal vasopressin receptor response to maternal dehydration. *Am J Obstet Gynecol* 167:1717-1722,1992.
99. Ervin MG, Kullama LK, Ross MG, Leake RD, Fisher DA. Vasopressin receptors and effects during fetal development. *Regulatory Peptides* 45:203-208,1993.
100. Ervin MG, Terry KA, Calvario GC, Ross MG, Leake RD, Fisher DA. Multiple receptor contributions to ovine fetal cardiovascular responses to vasopressin. *Ann NY Acad Sci* 689, *The Neurohypophysis, a window on brain function*, pp 504-507,1993.
101. Ervin MG, Terry KA, Calvario G, Castro R, Ross MG, Leake RD, Fisher DA. Vascular effects alter preterm fetal renal responses to vasopressin. *Am J Physiol* 266:R722-729,1994.
102. Akriviadis EA, Erwin MG, Cominelli F, Fisher DA, Reynolds TB. Hyponatremia of cirrhosis: role of vasopressin and decreased "effective" plasma volume. *Scand J Gastroenterol* 32:829-834,1997.

1. Walker P, Fisher DA, Guo SM, Weichsel ME, Fisher DA. Thyroxine increases nerve growth factor concentration in adult mouse brain. *Science* 204:427-429,1979.
2. Walker P, Weichsel ME Jr., Fisher DA. Human nerve growth factor: lack of immunocrossreactivity with mouse nerve growth factor. *Life Sciences* 26:195-200,1980.
3. Walker P, Weichsel ME Jr., Guo SM, Fisher DA, Fisher DA. Radioimmunoassay for mouse nerve growth factor (NGF). Effect of thyroxine administration on tissue NGF levels. *Brain Res* 186:331-341,1980.
4. Walker P, Weil ML, Weichsel ME Jr, Fisher DA. Effect of thyroxine on nerve growth factor concentration in neonatal mouse brain. *Life Sci* 28:1777-1787,1981.
5. Walker P, Tarris RH, Weichsel ME Jr., Scott SM, Fisher DA. Nerve growth factor in human umbilical cord serum: demonstration of a veno-arterial gradient. *J. Clin Endocrinol Metab* 53:218-220,1981.
6. Walker P, Weichsel ME Jr, Hoath SB, Poland RE, Fisher DA. Effect of thyroxine, testosterone and corticosterone on nerve growth factor (NGF) and epidermal growth factor (EGF) concentrations in female mouse submaxillary gland. Dissociation of NGF and EGF responses. *Endocrinology* 109:582-587,1981.
7. Walker P, Weichsel ME Jr, Eveleth D, Fisher DA. Ontogenesis of nerve growth factor and epidermal growth factor in submaxillary glands and nerve growth factor in brains of immature male mice: Correlations with ontogenesis of serum levels of thyroid hormones. *Pediatr Res* 16:520-524, 1982.
8. Lakshmanan J, Tarris R, Lee MI, Fisher DA. Nerve growth factor rescues clonal PC-12 pheochromocytoma cells from "inositolless death". *Biochem Biophys Res Comm* 105:36-43,1982.
9. Hoath SB, Lakshmanan J, Scott SM, Fisher DA. Effect of thyroid hormones on epidermal growth factor concentration in neonatal mouse skin. *Endocrinology* 112:308-314,1983.
10. Hoath SB, Lakshmanan J, Fisher DA. Differential hormonal response of epidermal growth factor concentration in the developing mouse: Synergism of triiodothyronine and dexamethasone in epidermal maturation. *Life Sci* 32:2709-2716, 1983.
11. Scott SM, Klein AH, Fisher DA. Nerve growth factor concentration in a congenitally hypothyroid mouse model (hyt/hyt) and its responsiveness to thyroxine treatment. *J Devel Physiol* 5:413-418,1983.
12. Hoath SB, Lakshmanan J, Fisher DA. Thyroid hormone effects on skin and hepatic epidermal growth factor concentrations in neonatal and adult mice. *Biol Neonate* 45:49-52,1984.
13. Hoath SB, Lakshmanan J, Fisher DA. Structure-activity relation of thyroid hormone analogs and tissue epidermal growth factor concentrations in neonatal and adult mice. *Am J Dis Child* 138:251-253,1984.
14. Gonzales F, Lakshmanan J, Hoath S, Fisher DA. Effect of oestradiol 17 beta on uterine epidermal growth factor concentration in immature mice. *Acta Endocrinol* 105:425-428,1984.
15. Perheentupa J, Lakshmanan J, Macaso T, Fisher DA. Growth hormone increases neonatal mouse urine epidermal growth factor. *Acta Endocrinol* 106:184-189,1984.
16. Lakshmanan J, Beri U, Perheentupa J, Grueters A, Kim H, Macaso T, Fisher DA. Acquisition of submandibular gland nerve growth factor (SMG-NGF) responsiveness to thyroxine in neonatal mice. *J Neurosci Res* 12:71-85,1984.
17. Perheentupa J, Lakshmanan J, Fisher DA. Epidermal growth factor in neonatal mouse urine: Maturative effect of thyroxine. *Pediatr Res* 18:1080-1084,1984.

18. Perheentupa J, Lakshmanan J, Hoath SB, Fisher DA. Hormonal modulation of mouse plasma concentrations of epidermal growth factor. *Acta Endocrinol* 107:571-576,1984.
19. Lakshmanan J, Perheentupa J, Hoath SB, Kim H, Grueters A, Odell C, Fisher DA. Epidermal growth factor (EGF) in mouse ocular tissue: Effect of thyroxine and exogenous EGF. *Pediatr Res* 19:315-319,1985.
20. Perheentupa J, Lakshmanan J, Hoath SB, Beri U, Kim H, Macaso T, Fisher DA. Epidermal growth factor measurements in mouse plasma: method, ontogeny and sex differences. *Am J Physiol: Endocrinol Metab* 11:E391-396,1985.
21. Hoath SB, Lakshmanan J, Fisher DA. Epidermal growth factor binding to neonatal mouse skin explants and membrane preparations - effect of triiodothyronine. *Pediatr Res* 19:277-280,1985.
22. Perheentupa J, Lakshmanan J, Hoath SB, Fisher DA. Epidermal growth factor in mouse urine: nonblood origin and increase by sialoadenectomy and T4 therapy. *Acta Endocrinol* 108:428-432,1985.
23. Grueters A, Alm J, Lakshmanan J, Fisher DA. Epidermal growth factor in mouse milk during early lactation. Lack of dependency on submandibular salivary glands. *Pediatr Res* 19:853-856,1985.
24. Grueters A, Alm J, Lakshmanan J, Fisher DA. Nerve growth factor in mouse milk during early lactation, Lack of dependency on submandibular salivary glands. *Pediatr Res* 19:934-937,1985.
25. Perheentupa J, Lakshmanan J, Fisher DA. Urine and kidney epidermal growth factor: ontogeny and sex difference in the mouse, *Pediatr Res* 19:428-432,1985.
26. Lakshmanan J, Perheentupa J, Macaso T, Fisher DA. Acquisition of urine, kidney and submandibular gland epidermal growth factor responsiveness to thyroxine administration to neonatal mice. *Acta Endocrinol* 109:511-516,1985.
27. Lakshmanan J, Weichsel ME Jr, Tarris R, Fisher DA. Nerve growth factor in synaptosomal fractions of developing mouse cerebral cortex. *Pediatr Res* 20:391-397,1986.
28. Tarris RH, Weichsel ME Jr., Fisher DA. Synthesis and secretion of a nerve growth factor by neonatal mouse astrocyte cells in vitro. *Pediatr Res* 20:367-372,1986.
29. Salido EC, Barajas L, Lechago J, Laborde NP, Fisher, DA. Immunocytochemical localization of epidermal growth factor (EGF) in mouse kidney. *J Histochem Cytochem* 34:1155-1160,1986.
30. Alm J, Lakshmanan J, Fisher DA. Sexual dimorphism and testosterone effects on liver epidermal growth factor receptors in mice. *Acta Endocrinol* 113:140-144,1986.
31. Alm J, Scott S, Fisher DA. Epidermal growth factor receptor ontogeny in mice with congenital hypothyroidism. *J Devel Physiol* 8:377-385,1986.
32. Lakshmanan J, Padbury J, Macaso T, Wang D, Beri U, Fisher DA. Involvement of developing sympathetic nervous system in thyroxine-mediated submandibular gland nerve growth factor and epidermal growth factor responses. *Pediatr Res* 20:232-236,1986.
33. Scott SM, Alm J, Fisher DA. Effect of thyroid hormone and sex status on epidermal growth factor concentrations in the submandibular gland of a congenitally hypothyroid mouse model (hyt/hyt). *J Devel Physiol* 8:461-466,1986.
34. Lakshmanan J, Weichsel ME Jr, Tarris R, Fisher DA. Epidermal growth factor in synaptosomal fractions of developing mouse cerebral cortex. *J Neurochem* 46:1081-1085,1986.

35. Salido EC, Barajas L, Lechago J, Laborde NP, Fisher DA. Immunocytochemical localization of nerve growth factor in mouse kidney. *J Neurosci Res* 16:457-465,1986.
36. Lakshmanan J, Perheentupa J, Alm J, Fisher DA. Neonatal hyperthyroidism in mice has different effects on epidermal growth factor levels in submandibular gland urine and blood. *Pediatr Res* 20:628-631,1986.
37. Salido EC, Fisher DA, Barajas L. Immunoelectron microscopy of epidermal growth factor in mouse kidney. *J Ultrastruct Molec Struct Res* 96:105-113,1986.
38. Polk DH, Ervin MG, Padbury JF, Lam RW, Reviczky AL, Fisher DA. Epidermal growth factor acts as a corticotropin releasing factor in chronically catheterized fetal lambs. *J Clin Invest* 79:984-988,1987.
39. Barajas L, Salido EC, Laborde NP, Fisher DA. Nerve growth factor immunoreactivity in mouse kidney, an immunoelectron microscopic study. *J Neurosci Res* 18:418-424,1987.
40. Laborde NP, Grodin M, Buenaflor G, Brown P, Fisher DA. Ontogenesis of epidermal growth factor in liver of BALB mice. *Am J Physiol: Endocrinol Metab* 18:E28-32,1988.
41. Alm J, Lakshmanan J, Hoath S, Fisher DA. Neonatal hyperthyroidism alters hepatic epidermal growth factor receptor ontogeny in mice. *Pediatr Res* 23:557-560,1988.
42. Salido EC, Yen PH, Shapiro LJ, Fisher DA, Barajas L. In situ hybridization of nerve growth factor mRNA in the mouse submandibular gland. *Lab Invest* 59:625-630,1988.
43. Callegari C, Laborde NP, Buenaflor G, Nascimento CG, Brasel JA, Fisher DA. The source of urinary epidermal growth factor in humans. *European J Appl Physiol* 58:26-31,1988.
44. Salido EC, Yen PH, Shapiro LJ, Fisher DA, Barajas L. In situ hybridization of epidermal growth factor mRNA in mouse kidney. *Renal Fluid Elect Physiol* 256:F632-638,1989.
45. Lakshmanan J, Beattie GM, Hayek A, Burns C, Fisher DA. Biological actions of 53 kDa nerve growth factor as studied by a blot and culture technique. *Neurosci Lett* 99:263-267,1989.
46. Brown PI, Lam R, Lakshmanan J, Fisher DA. Transforming growth factor alpha (TGF) in the developing rat. *Am J Physiol Endocrinol Metab* 22:256-260,1990.
47. Salido EC, Lakshmanan J, Shapiro LJ, Fisher DA, Barajas L. EGF mRNA and immunoreactivity during mouse postnatal development, an immunocytochemical and in situ hybridization study. *Differentiation* 45:38-43,1990.
48. Salido EC, Lakshmanan J, Koy S, Barajas L, Fisher DA. Effect of thyroxine administration on the expression of EGF in the kidney and submandibular gland of neonatal mice. An immunocytochemical and in situ hybridization study, *Endocrinology* 127:2263-2269,1990.
49. Lakshmanan J, Salido EC, Lam R, Barajas L, Fisher DA. Identification of proepidermal growth factor and high molecular weight epidermal growth factors in adult mouse urine. *Biochem Biophys Res Commun* 173:902-911,1990.
50. North D, Lakshmanan J, Reviczky A, Fisher DA. Ontogeny of EGF, TGF-alpha, EGF receptor and thyroid hormone receptor RNA levels in rat kidney and the effect of early thyroxine treatment. *Pediatr Res* 31:330-334,1992.
51. Lakshmanan J, Salido EC, Lam R, Fisher DA. Epidermal growth factor prohormone is secreted in human urine. *Am J Physiol* 263:E142-150,1992.

GROWTH FACTORS: NGF,EGF

20

52. Kaser MR, Lakshmanan J, Fisher DA. Comparison between epidermal growth factor transforming growth factor-alpha, and EGF receptor levels in regions of adult rat brain. *Mol Brain Res* 16:316-322,1992.
53. Lakshmanan J, Fisher DA. An inborn error in epidermal growth factor prohormone metabolism in a mouse model of autosomal recessive polycystic kidney disease. *Biochem Biophys Res Commun* 196:892-901,1993.

OTHER ENDOCRINE, PEDIATRIC

21

1. Fisher DA. Embryonal rest tumor of the central nervous system - report of an unusual case with a communicating congenital dermal sinus and recurrent meningitis. *Am J Dis Child*. 99:90-97,1960.
2. Pickering DE, Fisher DA, Perley A, Basinger GM, Moon HD. Influence of dietary fatty acids on serum lipids. *Am J Dis Child* 102:42-51,1961.
3. Fisher DA, Melby JC, Panos TC. Therapy of adrenocortical cancer with o, p'DDD in two children. *J Clin Endocrinol Metab* 23:218-221,1963.
4. Fisher DA, Panos TC, Melby JC. Intermittent corticosteroid therapy of juvenile remitted arthritis. *Arthritis Rheum* 7:413-424,1964.
5. Morris MD, Fisher DA, Fiser R. Late onset branched-chain keto-aciduria (maple syrup urine disease). *The Journal-Lancet* 86:149-152,1966.
6. Morris MD, Fisher DA. Trypsinogen deficiency disease. *Am J Dis Child* 114:203-208,1967.
7. Odell WD, Abraham G, Raud HR, Swerdloff RS, Fisher DA. Influence of immunization procedures on the titer, affinity and specificity of antisera to glycopolypeptides. *Acta Endocrinol Supplement* 142:54-76,1970.
8. Odell WD, Skowsky WR, Abraham G, Hescox M, Fisher DA, Grover PK. Production of antisera for polypeptide and steroid radioimmunoassay. *Biol Reprod* 6:427-442,1972.
9. Sperling MA, Wolfsen AR, Fisher DA. Congenital adrenal hypoplasia: an isolated defect of organogenesis. *J Pediatr* 82:444-449,1973.
10. Fiser RH, Erenberg A, Fisher DA, Oh W. Blood gas and pH changes during glucose infusion in fetal sheep. *Am J Obstet Gynecol* 115:942-945,1973.
11. Elders MJ, Garland JT, Daughaday WH, Fisher DA, Whitney JE, Hughes ER. Laron's dwarfism: studies on the nature of the defect. *J Pediatr* 83:253-263,1973.
12. Sperling MA, Erenberg A, Fiser RH Jr., Oh W, Fisher DA. Placental transfer of glucagon in sheep. *Endocrinology* 93:1435-1438,1973.
13. Allen JP, Greer MA, McGilvra R, Castro A, Fisher DA. Endocrine function in an anencephalic infant. *J Clin Endocrinol Metab* 38:94-98,1974.
14. Sperling MA, DeLamater PV, Kazenelson M, Fiser RH Jr., Fisher DA. The development and application of radioimmunoassay for plasma glucagon. *Clin Chem* 20:566-570,1974.
15. Sperling MA, DeLamater PV, Phelps D, Fiser RH Jr, Oh W, Fisher DA. Spontaneous and amino acid stimulated glucagon secretion in the immediate postnatal period: relation to glucose and insulin. *J Clin Invest* 53:1159-1166,1974.
16. DeLamater PV, Sperling MA, Fiser RH Jr, Phelps DL, Oh W, Fisher DA. Plasma alanine: relation to glucose, glucagon, and insulin in the neonate. *J Pediatr* 85:702-706,1974.
17. Fiser RH Jr., Phelps DL, Williams P, Sperling MA, Oh W, Fisher DA. Alanine stimulation of the pancreatic alpha and beta cell in the neonatal lamb. *Biol Neonate* 25:171-175,1974.
18. Fiser RH Jr., Phelps DL, Williams SP, Sperling MA, Oh W, Fisher DA. Insulin-glucagon substrate interrelationships in the neonatal sheep. *Am J Obstet Gynecol* 120:944-950,1974.

19. Fiser RH Jr., Erenberg A, Sperling MA, Oh W, Fisher DA. Insulin-glucagon substrate interrelationships in the fetal sheep. *Pediatr Res* 8:951-955,1974.
20. Fiser RH Jr, Williams PR, Fisher DA, DeLamater PV, Sperling MA, Oh W. The effect of oral alanine on blood glucose and glucagon in the human newborn infant. *Pediatrics* 56:78-81,1975.
21. Fiser RH Jr, Williams PR, Sperling MA, Oh W, Fisher DA. Effects of fasting and theophylline on alanine-stimulated glucagon secretion in neonatal and infant sheep. *Am J Obstet Gynecol* 124:421-424,1976.
22. Zonana J, Rimoin DL, Fisher DA. Cerebral gigantism-apparent autosomal dominant inheritance. *Birth Defects Original Article Series* 12:63-69,1976.
23. Sperling MA, Grawjer LA, Leake RD, Fisher DA. Role of glucagon in perinatal glucose homeostasis. *Metabolism* 25, Suppl. 1:1385-1386,1976.
24. Zonana J, Sotos JF, Romshe CA, Fisher DA, Elders J, Rimoin DL. Dominant inheritance of cerebral gigantism. *J Pediatr* 91:251-256,1977.
25. Grawjer LA, Sperling MA, Sack J, Fisher DA. Possible mechanisms and significance of the neonatal surge in glucagon secretion: studies in newborn lambs. *Pediatr Res* 11:833-836,1977.
26. Lam RW, Artal R, Fisher DA. Radioimmunoassay for free and conjugated urinary metanephrine. *Clin Chem* 23:1264-1267,1977.
27. Sperling MA, Grawjer L, Leake RD, Fisher DA. Effect of Somatostatin (SRIF) infusion on glucose homeostasis in newborn lambs: evidence for a significant role of glucagon. *Pediatr Res* 11:962-967,1977.
28. Odell W, Wolfsen A, Yoshimoto Y, Weitzman R, Fisher D, Hirose F. Ectopic peptide synthesis: a universal concomitant of neoplasia. *Trans Assoc Am Phys* 90:204-227,1977.
29. Parker LN, Sack J, Fisher DA, Odell WD. The adrenarche: prolactin, gonadotropins, adrenal androgens and cortisol, *J. Clin. Endocrinol. Metab.* 46:396-401,1978.
30. Schedewie HK, Odell WD, Fisher DA, Krutzik SR, Dodge M, Cousins L, Fiser WP. Parathormone and perinatal calcium homeostasis. *Pediatr Res* 13:1-6,1979.
31. Artal R, Hobel CJ, Lam R, Oddie TH, Fisher DA. Free metanephrine in human amniotic fluid as an index of fetal sympathetic nervous system maturation. *Am J Obstet Gynecol* 133:452-454,1979.
32. Siegel SR, Oh W, Fisher DA. Fructose 1, 6-diphosphatase and glucose 6-phosphatase in newborn rats with intrauterine growth retardation. *Early Human Development* 3:43-49,1979.
33. Eliot RJ, Lam RW, Leake RD, Hobel CJ, Fisher DA. Plasma catecholamine concentrations in infants at birth and during the first 48 hours of life. *J Pediatr* 96:311-315,1980.
34. Padbury JF, Hobel CJ, Diakomanolis ES, Lam RW, Fisher DA. Ontogenesis of beta-adrenergic receptors in the ovine placenta. *Am J Obstet Gynecol.* 139:459-464,1981.
35. Eliot RJ, Klein AH, Glatz TH, Nathanielsz PW, Fisher DA. Plasma norepinephrine, epinephrine and dopamine concentrations in maternal and fetal sheep during spontaneous parturition and in premature sheep during cortisol induced parturition. *Endocrinology* 108:1678-1682,1981.

36. Padbury JF, Hobel CJ, Lam RW, Fisher DA. Sex differences in lung and adrenal neurosympathetic development in rabbits. *Am J Obstet Gynecol* 141:199-204,1981.
37. Padbury JF, Diakomanolis ES, Hobel CJ, Perelman A, Fisher DA. Neonatal adaptation: Sympatho-adrenal response to umbilical cord cutting. *Pediatr Res* 15:1483-1487,1981.
38. Padbury JF, Diakomanolis ES, Lam RW, Hobel CJ, Fisher DA. Ontogenesis of tissue catecholamines in fetal and neonatal rabbits. *J Devel Physiol* 3:297-303,1981.
39. Padbury JF, Roberman B, Oddie TH, Hobel CJ, Fisher DA. Fetal catecholamine release in response to labor and delivery: The role of fetal acid base status, sex, and heart rate patterns at term. *Obstet Gynecol* 60:607-611,1982.
40. Padbury JF, Lam RW, Hobel CJ, Fisher DA. Identification and partial purification of phenylethanolamine N-methyltransferase in the developing ovine lung. *Pediatr Res* 17:362-367,1983.
41. Padbury JF, Hobel CJ, Gonzalez FA, Fisher DA. Ontogenesis and sex differences in rabbit fetal adrenal phenylethanolamine N-methyltransferase. *Biol Neonate* 43:205-210,1983.
42. Palmer SM, Oake GK, Lam RW, Oddie TH, Hobel CJ, Fisher DA. Catecholamine physiology in the ovine fetus. I. Gestational age variation in basal plasma concentrations. *Am J Obstet Gynecol* 149:420-425,1984.
43. Palmer SM, Oakes GK, Lam RW, Hobel CJ, Fisher DA. Catecholamine physiology in the ovine fetus. II. Metabolic clearance rate of epinephrine. *Am J Physiol: Endocrinol Metab* 9:E350-355,1984.
44. Palmer SM, Oakes GM, Champion JA, Fisher DA, Hobel CJ. Catecholamine physiology in the ovine fetus. III. Maternal and fetal response to acute maternal exercise. *Am J Obstet Gynecol* 149:426-434,1984.
45. Newnham JP, Marshall CL, Padbury JF, Lam RW, Hobel CJ, Fisher DA. Fetal catecholamine release with preterm delivery. *Am J Obstet Gynecol* 149:888-893,1984.
46. Padbury JF, Jacobs HC, Lam RW, Conaway D, Jobe AH, Fisher DA. Adrenal epinephrine and the regulation of pulmonary surfactant release in neonatal rabbits. *Exp Lung Res* 7:177-186,1984.
47. Newnham JP, Lam RW, Hobel CJ, Padbury JF, Polk DH, Fisher DA. Differential response of ovine placental lactogen levels in maternal and fetal circulations following single umbilical artery ligation in pregnant sheep. *Placenta* 7:51-64,1986.
48. Padbury JF, Lam RW, Polk DH, Newnham JP, Lakshmanan J, Fisher DA. Autoimmune sympathectomy in fetal rabbits. *J Devel Physiol* 8:369-376,1986.
49. Pandian MR, Odell WD, Carlton E, Fisher DA. Development of third-generation immunochemiluminometric assays of follitropin and lutropin and clinical application in determining pediatric reference ranges. *Clin Chem* 39:1815-1819, 1993.
50. Shotan A, Mehra A, Ostrzega E, Hsueh W, Do YS, Fisher DA, Hurst A, Johnson V, Elkayam U. Plasma cyclic guanosine monophosphate in chronic heart failure: Hemodynamic and neurohormonal correlations and response to nitrate therapy. *Clin Pharmacol Therap* 54:638-644,1993.
51. Rosenbloom AL, Almonte AS, Brown MR, Fisher DA, Baumbach L, Parks JS. Clinical and biochemical phenotype of familial anterior hypopituitarism from mutation of the PROP 1 gene. *J Clin Endocrinol Metab* 84:50-57,1999.

OTHER ENDOCRINE, PEDIATRIC

24

52. Gallagher MP, Schachner HC, Levine LS, Fisher DA, Berden WE, Oberfield SE. Neonatal thyroid enlargement associated with propylthiouracil therapy of Graves' disease during pregnancy: a problem revisited. *J Pediatrics* 139:896-900,2001.
53. Caulfield MP, Lynn T, Gottschalk ME, Jones KL, Taylor NF, Malunowicz EM, Shackleton CHL, Reitz RE, Fisher DA.: The diagnosis of congenital adrenal hyperplasia in the newborn by GC/MS analysis of random urine specimens. *J Clin Endocrinol Metab* 87:3682-3690,2002.
54. Kurtev A, Fisher D, Nelson J, Iliev E. Estimation of thyroid, pancreatic β -cells and adrenal functions and organ specific autoimmunity in children and adolescents with alopecia areata. *Endocrinologia* 7:30-35,2002.
55. Kurtev A, Fisher D, Nelson J, Dourmishev A. Vitiligo in childhood and adolescence and autoimmune endocrine diseases – Accidental combination or regularity. *Endocrinologia* 7:36-42,2002.
56. Fisher DA, Laron Z. The early history of pediatric endocrinology. *Pediatr Endocr Rev* Vol 1, suppl 1, pp 66-92,2003.
57. Fisher DA. A short history of pediatric endocrinology in North America. *Pediatrics*, 2003: *Pediatric Res* 55:716-726,2004.

1. Fisher DA, Pickering DE. Infantile hypothyroidism: diagnosis and treatment. *Pediatr Clin North Am*, pp 863-872, WB Saunders Co, Philadelphia, 1957.
2. Fisher DA. The diagnosis and management of hypoglycemia during infancy and childhood. *J Arkansas Med Soc* 48:141-150,1971.
3. Fisher DA, Panos TC. "Due caution" and radioiodine in children. *Am J Dis Child* 103:729-737,1962.
4. Fisher DA. The role of radioisotopic studies in diagnosis of hypothyroid states in children. In: Fomon ST, Ed. *Clinical Use of Radioisotopes in Pediatrics*. Report of the 45th Ross Conference on Pediatric Research, Columbus, Ross Labs, pp 23-28, 1963.
5. Fisher DA. Management of hypothyroidism during infancy and childhood. In: *Modern Treatment*, Hoeber, New York, 1:128-145,1964.
6. Fisher DA. Abnormalities of antidiuretic hormone control of body water homeostasis. *Med Times* 92:301-321,1964.
7. Fisher DA, Makoski E. Temperature adaptation of the newborn to the extrauterine environment. *The Journal Lancet* 86:85-92,1966.
8. Fisher DA. Obscure and unusual edema. *Pediatrics* 37:506-528,1966.
9. Fisher DA, Panos TC. Intermittent corticosteroid therapy: current status. *Postgrad Med* 30:650-659,1966.
10. Odell WD, Fisher DA, Korenman SG, Solomon DH, Swerdloff RS. Symposium on hyperthyroidism. *Calif Med* 113:35-65,1970.
11. Fisher DA. Hyperthyroidism, current concepts of pathogenesis and management. *J Arkansas Med Soc* 67:284-292,1971.
12. Odell WD, Bray GA, DeQuatro V, Fisher DA, Goldberg MA, Sperling MA, Swerdloff RS. Symposium on Catecholamines. *Calif Med* 117:32-61,1972.
13. Fisher DA. Advances in laboratory diagnosis of thyroid disease. *J Pediatr* 82:1-9 and 187-191,1973.
14. Fisher DA. Chorionic thyrotropin. In: *The Endocrine Milieu of Pregnancy, Puerperium and Childhood*. Report of 3rd Ross Conference on Obstetric Research, pp 85-89,1974.
15. Fisher DA. Development and function of the pituitary-thyroid system in the fetus and newborn. *Ibid*, pp 9-17.
16. Bray GA, Rimoin DL, Sperling MA, Fiser RH Jr, Fisher DA, Swerdloff RS, Odell WD. The obese diabetic: a symposium on new developments. *Calif Med* 119:14-47,1973.
17. Fiser RH Jr., Bray GA, Fisher DA. Childhood obesity - mechanisms of insulin resistance. *Hosp Prac* 8:46,1973.
18. Fisher DA. Fetal thyroid hormone metabolism. *Contemporary Obstet Gynecol* 3:47-54,1974.
19. Swerdloff RS, Odell WD, Bray GA, Fiser RH Jr., Wolfsen AR, Fisher DA, Sperling MA. Complications of systemic contraceptive agents. *West J Med* 122:20-49,1975.
20. Fiser RH Jr., Fisher DA. Current understanding of pathogenesis of obesity. *South Med J* 68:931-933,1975.
21. Fisher DA. Thyroid function in the fetus and newborn. *Med Clin N Amer* 69:1099-1107,1975.

22. Fisher DA. Neonatal detection of hypothyroidism. *J Pediatr* 86:822-824,1975.
23. Fisher DA. Reverse T3 and fetal thyroid status. *N Engl J Med* 293:770-772,1975.
24. Fisher DA. Pathogenesis and therapy of neonatal Graves' disease. *Am J Dis Child* 130:133-134,1976.
25. Fisher DA. Thyroid nodules in childhood and their management. *J Pediatr* 89:866-868,1976.
26. Fisher DA, Burrow GN, Dussault JH, Hollingsworth DR, Larsen PR, Man EB, Walfish P. Recommendations for screening programs for congenital hypothyroidism: Report of a committee of The American Thyroid Association.
a) *J Pediatr* 89:692-694,1976;
b) *Am J Med* 61:932-934,1976;
c) *Can Med Assoc J* 116:631-634,1977.
27. Fisher DA, Beall GN. Hashimoto's Thyroiditis. *Pharmacol Ther C* 1:445-458,1976.
28. DiStefano JJ III, Fisher DA. Peripheral distribution and metabolism of the thyroid hormones: a primarily quantitative assessment. *Pharmacol Ther B* 2:539-570,1976.
29. Fisher DA. Thyroid function in the premature infant. *Am J Dis Child* 131:842-844,1977.
30. Fisher DA. Screening for congenital hypothyroidism. *Hosp Prac* 12:73-78,1977.
31. Fisher DA. Neonatal thyroid screening. *Pediatr Clin N Amer* 25:423-430,1978.
32. Fisher DA. Hypothyroid screening of newborns: Epitome-Pediatrics. *West J Med* 128:233,1978.
33. Fisher DA. Hypothyroidism in childhood. *Thyroid Today*, Oppenheimer, JH Ed, Flint Laboratories, Deerfield, IL, Vol. 1, pp 1-5, 1978.
34. Fisher DA. Neonatal thyroid screening. *Pediatr Clin N Amer* 25:423-430,1978.
35. Fisher DA. Hypothyroidism in childhood. *Pediatrics in Rev* 2:67-74,1980.
36. Fisher DA, Klein AH. Thyroid development and disorders of thyroid function in the newborn. *N Engl J Med* 304:702-712,1981.
37. Fisher DA, Hoath S, Lakshmanan J. The thyroid hormone effects on growth and development may be mediated by growth factors. *Endocrinol Exp* 16:259-271,1982.
38. Fisher DA. 2nd International Conference on Neonatal Thyroid Screening: Progress Report. *J Pediatr* 102:653-654,1983.
39. Underwood LE, Fisher DA, Frasier SD, Gertner JM, Johanson AJ, Kaplan SL, Kirkland,RT, Lippe BM, Raiti S. Growth hormone in the treatment of children with short stature. Report of Lawson Wilkins Pediatric Society ad hoc Committee on Growth Hormone Usage. *Pediatrics* 72:891-894,1983.
40. Stiehm ER, De Vivo DC, Brann AW Jr, Fisher DA, Hodson WA, New MI, Shearer WT, Sokol RJ, Sunshine P, Tausch HW. Advances in perinatology from the clinical research centers. *Pediatr Res* 18:197-212,1983.
41. Fisher DA. Intrauterine growth retardation, endocrine and receptor aspects. *Seminars in Perinatol* 8:37-41,1984.

42. Fisher DA. The Endocrine Society Past and Present. Presidential address of the Endocrine Society. *J Clin Endocrinol Metab* 59:1229-1233,1984.
43. Fisher DA. The unique endocrine milieu of the fetus. *J Clin Invest* 78:603-611,1986.
44. Fisher DA. Neonatal thyroid disease in the offspring of women with autoimmune thyroid disease. *Thyroid Today*, Oppenheimer JH, Ed. Flint Laboratories, Vol. 9, #4, 11-117,1986.
45. Fisher DA. Effectiveness of newborn screening programs for congenital hypothyroidism: Prevalence of missed cases. *Pediatr Clin North Am* 34:881-890,1987.
46. Fisher DA, Pandian MR, Carlton E. Autoimmune thyroid disease: an expanding spectrum. *Pediatr Clin North Am* 34:907-918,1987.
47. Fisher DA. Catch-up growth in hypothyroidism. *New Engl J Med* 318:632-634,1988.
48. DA Fisher. Newborn Thyroid Screening, an update. In: *The Bridge*, The Thyroid Foundation of America, Inc, Boston, Vol. 3, No. 1, pp 1-3, 1988.
49. Campbell KR, Fisher DA. Hypothyroidism in infants and children. *Michigan Pharmacist* 26, No. 4, pp 22-25,1988.
50. Fisher DA, Job JC, Preece M, Underwood LE. Growth hormone deficiency, human growth hormone, and the occurrence of leukemia. *The Lancet* 1:1160-1161,1988.
51. Fisher DA. The expanding clinical spectrum of autoimmune thyroid disease. *Acta Paediatr Jpn* 30:(Suppl):117-127,1988.
52. Fisher DA, Salido EC, Barajas L. Epidermal growth factor and the kidney. *Ann Rev Physiol* 51:67-80,1989.
53. Fisher DA. Upper limits of nutrients in infant formulas, Iodine. *J Nutrition* 119:1865-1868,1989.
54. Fisher DA. Hormone-EGF interactions in Development. *Hormone Research* 33:69-75,1990.
55. Fisher DA, Lakshmanan J. Metabolism and effects of EGF and related growth factors in mammals. *Endocrine Rev* 11:418-442,1990.
56. Fisher DA. Thyroid Disorders. In: *Current Opinion in Pediatrics: Endocrine and Metabolism*. *Current Opinions in Pediatrics* 2:766-770,1990.
57. Fisher DA. Management of Congenital Hypothyroidism. *J Clin Endocrinol Metab* 72:523-529,1991.
58. Fisher DA. Screening for congenital hypothyroidism: status report. *Trends in Endocrinology* 2:129-133,1991.
59. Fisher DA. Growth of the Endocrine Society Journals. *Endocrinology* 129:5-7,1991.
60. Fisher DA. American Pediatric Society Presidential address. *Pediatrics* 34:393-396,1993.
61. Ervin MG, Terry KA, Calvario GC, Ross MG, Leake RD, Fisher DA. Multiple receptor contributions to ovine fetal cardiovascular responses to vasopressin. In: North WG, Moses AM, Share L, the neurohypophysis: A window on brain function. *Ann NY Acad Sci* 685:504-507,1993.
62. Fisher DA. Hypothyroidism. *Pediatrics in Review* 15:227-232,1994.

63. Fisher DA. Laboratory assessment of the growth hormone - somatomedin axis. *AACC Endo* 12:259-263,1994.
64. Burrow GN, Fisher DA, Larsen PR. Maternal and fetal thyroid function. *N Engl J Med* 331:1072-1078,1994.
65. Fisher DA. Thyroid development and screening for neonatal hypothyroidism. Current opinion, in *Endocrinology and Diabetes* 2:105-110,1995.
66. Fisher DA. Serum thyroglobulin measurements in thyroid disease management. *Diag Endocrinol Metab (AACC Inc)* 13:283-287,1995.
67. Fisher DA. Physiological variations in thyroid hormones: physiological and pathophysiological considerations. *Clin Chem* 42:135-139,1996.
68. Fisher DA, Eisenbarth GS. Identification of individuals at risk for type 1, insulin dependent diabetes mellitus. *Diag Endocrinol Metab (AACC Inc)* 14:211-214,1996.
69. Fisher DA. Fetal thyroid function: Diagnosis and management of fetal thyroid disorders. *Clin Obstet Gynecol* 40:16-31,1997.
70. Fisher DA. The hypothyroxinemia of prematurity. *J Clin Endocrinol Metab* 82:1701-1703,1997.
71. Fisher DA. Thyroid function in very low birthweight infants. *Clin Endocrinol* 47:419-421,1997.
72. Fisher DA. Thyroid function in premature infants: The hypothyroxinemia of prematurity. *Clin Perinatol* 25:999-1014,1998.
73. Fisher DA. Hypothyroxinemia in premature infants: Is thyroxine treatment necessary? *Thyroid* 9:715-720,1999.
74. Fisher DA. The importance of early management in optimizing IQ in infants with congenital hypothyroidism. *J Pediatrics* 136:273-274,2000.
75. Fisher DA. Congenital Hypothyroidism. *Thyroid International* 3:1-10,2002.
76. Ervin MG, Terry KA, Calvario GC, Ross MG, Leake RD, Fisher DA. Multiple receptor contributions to ovine cardiovascular responses to vasopressin. *Ann NY Acad Sci* 689:504-507,2003.
77. Fisher DA. Neonatal hyperthyroid screening. *J Pediatrics* 143:285-287,2003.
78. Fisher DA. Next generation newborn screening for congenital hypothyroidism? *J Clin Endocrinol Metab* 90:3797-3799,2005.
79. LaGamma EF, van Wassenae AG, Golombek SG, Morreale de Escobar G, Kok JH, Quero J, Ares S, Paneth NS, Fisher DA. Neonatal thyroxine supplementation for transient hypothyroxinemia of prematurity (THOP); beneficial or detrimental? *Treat Endocrinol* 5:335-346,2006.
80. Fisher DA. Thyroid function and dysfunction in premature infants. *Ped Endocrinol Rev* 4:317-328,2007.
81. Fisher DA. Thyroid system immaturities in very low birth weight premature infants. *Semin Perinatol* 32:387-397,2009.

BOOKS

29

1. Pickering DE, Fisher DA. Fluid and Electrolyte Therapy, A Unified Approach, University of Oregon Press, 1959.
2. Fisher, DA, Burrow GN. Perinatal Thyroid Physiology and Disease, Kroc Foundation Symposia Series, Volume 3, Raven Press, New York, 1975.
3. Fisher DA, Morreau LE. Hashimoto's Thyroiditis, Detection, Diagnosis and Treatment: A programmed learning system for physicians, Ames Co., Elkhart, IN, 1978.
4. Fisher DA. Symposium on Hypothyroidism: Current concepts in diagnosis and treatment, Ames Division, Miles Laboratories, Elkhart, IN, 1979.
5. Delange F, Fisher DA, Malvaux P. Pediatric Thyroidology, S. Karger AG, Basel, 1985.
6. Delange F, Fisher DA, Glinioer D. Research in Congenital Hypothyroidism, NATO Advanced Science Institute Series, Plenum Press, London, 1989.
7. Fisher DA, Ladenson P. Corning Endocrine Manual, Corning Life Sciences Inc, Teterboro, NJ, 1996.
8. Fisher DA. Endocrinology, Test Selection and Interpretation, 1st Ed, Quest Diagnostics Inc, Teterboro, NJ, 1998.
9. Fisher DA. Pediatric Endocrinology: Tests and Methods, Quest Diagnostics Inc, Teterboro, NJ, 2000.
10. Fisher DA. Endocrinology, Test Selection and Interpretation, 2nd Ed, Quest Diagnostics Inc, Teterboro, NJ, 2000.
10. Fisher DA. Endocrinology, Test Selection and Interpretation, 3rd Ed, Quest Diagnostics Inc, Lyndhurst, NJ, 2004.
11. Fisher DA. Endocrinology, Test Selection and Interpretation, 4th Ed, Quest Diagnostics Inc., Lyndhurst, NJ, 2007.

BOOK CHAPTERS

30

1. Hughes ER, Fisher DA. The hypothalamic-hypophysial system. In: Brennemann-Kelley, Eds. Practice of Pediatrics, Volume 1: a) Chapter 47, pp. 1-33, 1967. b) Chapter 47, pp. 1-44 (revised), 1972.
2. Fisher DA. Endocrine correlates of temperature adaptation in the newborn. In: Sunderman FW, Sunderman FW Jr, Eds. The Clinical Pathology of Infancy, Springfield, Charles C. Thomas, 1967, pp. 205-213.
3. Fisher DA. Thyroid function tests. In: Werner SC, Ingbar SH, Eds. The Thyroid, Harper and Row, New York, 3rd Ed, 1971, pp. 292-296.
4. Fisher DA. Hyperthyroidism, pediatric aspects. Ibid, pp. 665-681.
5. Fisher DA. Hypothyroidism, pediatric aspects. Ibid, pp. 807-831.
6. Odell WD, Fisher DA. Treatment of hypothyroidism. In: Selenkow HA, Hoffman F. Eds. Diagnosis and Treatment of Common Thyroid Diseases, Excerpta Medica, International Congress Series No. 227, 1971, pp. 92-110.
7. Odell WD, Abraham GE, Skowsky WR, Hescocx MA, Fisher DA. Production of antisera for radioimmunoassay. In: Odell WD, Daughaday WR, Eds. Competitive Binding Assays, JB Lippincott, Philadelphia, 1972, pp. 57-88.
8. Fisher DA. Thyroid function in the neonatal period. In: Brennemann-Kelley, Eds. Practice of Pediatrics, Volume 1, Chapter 49B, 1973, pp. 1-16.
9. Fisher DA, Dussault JH. Development of the mammalian thyroid gland. In: Greer MA, Solomon DH, Eds. Handbook of Physiology; Endocrinology III, The Thyroid, Chapter 3, The American Physiology Society, Washington, DC, 1974, pp. 21-38.
10. Fisher DA, Hughes ER. Disorders of the hypothalamus. In: Kelley VC, Ed. Metabolic, Endocrine, and Genetic Disorders of Children, Harper and Row, New York, 1974, pp. 143-166.
11. Hughes ER, Fisher DA. Disorders of the anterior pituitary. Ibid, pp. 167-194.
12. Fisher DA, Hughes ER. Disorders of the posterior pituitary. Ibid, pp. 195-210.
13. Fisher DA. Thyroid function in the neonatal period. Ibid, pp. 383-395.
14. Fisher DA, Johnson DE. Thyroid disease in children. In: Handmaker H, Lowenstein JM, Eds. Nuclear Medicine in Clinical Pediatrics, The Society of Nuclear Medicine, Inc, New York, 1975, pp. 45-56.
15. Fisher DA. Thyroid function in the fetus. In: Fisher DA, Burrow GN, Eds. Perinatal Thyroid Physiology and Disease, Raven Press, New York, 1975, pp. 21-32.
16. Chopra IJ, Sack J, Fisher DA. Reverse T3 in the fetus and newborn. Ibid, pp. 33-48.
17. Sack J, Fisher DA. Thyroid metabolism in amniotic fluid. Ibid, pp. 49-57.
18. Fisher DA, Sack J. Thyroid function in the neonate: possible approaches to newborn screening for hypothyroidism. Ibid, pp. 197-209.
19. Fisher DA. Endocrine physiology I: thyroid physiology in the fetus and newborn; insulin and carbohydrate metabolism. In: Smith CA, Nelson NM, Eds. The Physiology of the Newborn Infant, 4th Ed, Charles C. Thomas, Springfield, 1976, pp. 554-612.

BOOK CHAPTERS

31

20. Fisher DA. Endocrine physiology II: catecholamines in the fetus and newborn; parathyroid function in the fetus and newborn; growth hormone and vasopressin metabolism in the fetus and newborn. Ibid, pp. 613-663.
21. Fisher DA. Perinatal insulin, glucagon and carbohydrate metabolism. In: Bloom RS, Sinclair JC, Warshaw JB, Eds. Perinatal Endocrinology, Mead Johnson Symposium on Perinatal and Developmental Medicine No. 8, Evansville, 1976, pp. 30-37.
22. Fisher DA. Thyroid physiology in the perinatal period. Ibid, pp. 38-44.
23. Fisher DA. Thyroid physiology in the fetus and newborn: current concepts and approaches to perinatal thyroid disease. In: New MI, Fiser RH Jr, Eds. Diabetes and Other Endocrine Disorders During Pregnancy and in the Newborn, Arlan R. Liss, New York, 1976, pp. 221-223.
24. Hershman JM, Chopra IJ, Van Herle AJ, Solomon DH, Fisher DA. Thyroid disease. In: Hershman JM, Ed. Endocrine Pathophysiology A Patient-Oriented Approach, Lea and Febrieger Publishers, Philadelphia, 1977, pp. 39-78.
25. Van Wyk JJ, Fisher DA. The thyroid. In: Rudolph A, Ed. Pediatrics, 16th Ed, Appleton-Century-Crofts, New York, 1977, pp. 1663-1693.
26. Klein AH, Fisher DA. Thyroid function in the neonatal period. In: Kelley VC, Ed. Practice of Pediatrics, Vol. 1, Chapter 49B, Harper and Row, Inc, New York, 1977, pp. 1-10.
27. Fisher DA. Thyroid disease. In: Gellis SS, Kagan BM, Eds. Current Pediatric Therapy 8, WB Saunders Co, Philadelphia, 1978, pp. 310-314.
28. Fisher DA. Thyroid physiology and function tests in infancy and childhood. In: Werner SC, Ingbar SH, Eds. The Thyroid, 4th Ed, Harper and Row, New York, 1978, pp. 375-388.
29. Fisher DA. Hyperthyroidism, pediatric aspects. Ibid, pp. 805-813.
30. Fisher DA. Hypothyroidism, pediatric aspects. Ibid, pp. 947-964.
31. DiStefano JJ III, Fisher DA. Peripheral distribution and metabolism of thyroid hormones: a primarily quantitative assessment. In: Hershman JM, Bray GA, Eds. The Thyroid, Pergamon Press, Oxford, 1979, Chapter 2, pp. 47-82.
32. Fisher DA, Beall GN. Hashimoto's thyroiditis. Ibid, Chapter 24, pp. 487-510.
33. Dussault JH, Fisher DA. Ontogenesis of the hypothalamo-pituitary thyroid axis. In: Tolis G, et al, Eds. Clinical Neuroendocrinology: A Pathophysiological Approach, Raven Press, New York, 1979, pp. 225-237.
34. Fisher DA. Fetal endocrinology, endocrine disease and pregnancy. In: DeGroot LJ, Cahill A, Martini L, Nelson DH, Odell WD, Potts JT, Steinberger E, Winegard AI, Eds. Endocrinology, Grune and Stratton, New York, 1979, pp. 1649-1663.
35. Fisher DA. Hypothyroidism in childhood. In: Fisher DA, Ed. Symposium on Hypothyroidism, Ames Laboratories, Elkhart, Indiana, 1979, pp. 45-51.
36. Fisher DA. Thyroid and parathyroid function and disorders in the fetus and newborn. In: Quilligan EJ, Kretchmer N, Eds. Fetal and Maternal Medicine, John Wiley and Sons, Inc., 1980, pp. 533-545.
37. Fisher DA, Klein AH. Fetal and neonatal thyroid function and neonatal thermogenesis. In: Tulchinsky D, Ryan KJ, Eds. Maternal Fetal Endocrinology, WB Saunders, Philadelphia, 1980, pp. 281-293.

BOOK CHAPTERS

32

38. Schedewie HK, Fisher DA. Perinatal mineral homeostasis. Ibid, pp. 355-386.
39. Fisher DA. Thyroid disease. In: Gellis SS, Kagan BM, Eds. Current Pediatric Therapy 9, WB Saunders Co, Philadelphia, 1980, pp. 302-307.
40. Klein AH, Fisher DA. Thyroid function in the neonatal period. In: Kelley VC, Ed. Practice of Pediatrics, Vol. 1, Chapter 49B, Harper and Row, Inc, New York, 1980, pp. 1-13.
41. Fisher DA. Perinatal thyroid development and abnormalities. In: Burrow GN, Dussault JH, Eds. Neonatal Thyroid Screening, Raven Press, New York, 1980, pp. 9-23.
42. Fisher DA. Medical Management of suspected cases of congenital hypothyroidism. Ibid, pp. 237-246.
43. Fisher DA. Production of antibody for use in radioimmunoassay. In: Rose NR, Friedman H, Eds. Manual for Clinical Immunology, American Society of Microbiology, Washington, DC, 2nd Ed, 1980, pp. 339-342.
44. Fisher DA. Keynote Address - Newborn Screening for Congenital Hypothyroidism: Historical Perspective. In: Standardization of Neonatal Hypothyroid Screening Programs: Proceedings of a Conference on a National Model, Department of Health and Human Services, United States Public Health Service, Center for Disease Control, 1980, pp. 16-23.
45. Fisher DA. Status of neonatal hypothyroid screening: Report from the Quebec International Conference on Neonatal Thyroid Screening, Thyroid Research VIII, Australian Acad Sci, Canberra, 1980, pp. 1-7.
46. Fisher DA, Klein AH, Hadeed A. Normal and abnormal thyroid function in premature infants: the low T3 syndrome. In: Hesch RD, Ed. The Low T3 Syndrome, Academic Press, New York, 1981, pp. 225-242.
47. Fisher DA. Newborn thyroid function associated with maternal disease. In: Gluck L, Ed. Obstetrical Decisions and Neonatal Outcomes, Report of the Seventy Eighth Ross Conference on Pediatric Research, Ross Laboratories, Columbus, OH, 1981, pp. 31-37.
48. Fisher DA. Application of radioassays to pediatric endocrinology. In: Abraham GE, Eds. Radioassay Systems in Clinical Endocrinology, Marcel Dekker, Inc, New York, 1981, pp. 559-569.
49. Hollingsworth D, Fisher DA, Pretell EA. The fetal-maternal relationship with respect to the thyroid. In: Stanbury JB, Hetzel BS, Eds. Endemic Goiter and Endemic Cretinism, John Wiley & Sons, New York, 1980, pp. 423-444.
50. Walker P, Weil ML, Weichsel ME Jr., Fisher DA. Nerve growth factor. In: Hetzel BS, Smith RM, Eds. Fetal Brain Disorders - Recent Approaches to the Problem of Mental Deficiency, Elsevier North Holland Biomedical Press, 1981, pp. 187-203.
51. Fisher DA, Robillard JE, Leake RD, Siegel SR, Weitzman RE. Maturation and control of vasopressin secretion in the fetus and newborn. In: Spitzer A, Eds. The Kidney During Development, Masson Publishing, New York, pp. 215-221, 1981.
52. Robillard JE, Weitzman RE, Fisher DA, Smith FG Jr. Developmental aspects of renal tubular reabsorption of water and fetal renal response to arginine vasopressin. Ibid, pp. 205-213.
53. Fisher DA. The thyroid. In: Rudolph A, Ed. Pediatrics. 17th Ed, Appleton-Century-Crofts, New York, 1982, pp. 1517-1539.
54. Fisher DA. Thyroid function in premature infants. In: Naruse H, Irie M, Eds. Neonatal Screening, Excerpta Medica, Int Congr Series 606, Amsterdam, 1983, pp. 3-8.

55. Fisher DA. Thyroid disorders. In: Emery AEH, Rimoin DL, Eds. The Principles and Practice of Medical Genetics, Churchill Livingstone, Edinburgh, 1983, pp. 1152-1163.
56. Klein AH, Fisher DA. Thyroid physiology in full term and premature infants. In: Dussault J, Eds. Congenital Hypothyroidism, Marcel Dekker, Inc, New York, 1983, pp. 127-143.
57. Fisher DA. Radioimmunoassay of thyroid hormones, thyroid hormone-binding interglobulin, and thyroglobulin. In: Odell WD, Franchimont P, Eds. Principles of Competitive Protein-Binding Assays, John Wiley & Sons, Inc., 1983, pp. 205-224.
58. Fisher DA. Maternal-fetal thyroid function in pregnancy. In: Yen SSC, Ed. Clinics in Perinatology, Perinatal Endocrinology, WB Saunders, Philadelphia, Vol. 10, 1983, pp. 615-626.
59. Fisher DA. Maternal-fetal neurohypophyseal system. Ibid, pp. 695-708.
60. Fisher DA. Thyroid disease. In: Gellis SS, Kagan BM, Eds., Current Pediatric Therapy, II, WB Saunders Co., Philadelphia, 1984, pp. 288-295.
61. Leake RD, Fisher DA. Ontogeny of vasopressin in man. In: Czernichow P, Robinson AG, Eds. Diabetes Insipidus in Man, Front Horm Res, Karger, Basel, 13:42-51,1985.
62. Fisher DA. Hypothyroidism. In: Nelson NM, Eds. Current Therapy in Neonatal-Perinatal Medicine, 1985-86, BC Decker, Inc, Philadelphia, 1985, pp. 223-226.
63. Fisher DA. Ontogenesis of hypothalamic-pituitary-thyroid function in the human fetus. In: Delange F, Fisher DA, Malvaux P, Eds. Pediatric Thyroidology, S. Karger, Basel, 1985, pp. 19-32.
64. Fisher DA. Thyroid hormone effects on growth and development. Ibid, pp. 75-89.
65. Fisher DA. Thyroid hormone and thyroglobulin synthesis and secretion. Ibid, pp. 44-56.
66. Fisher DA, Vanderschuren-Lodeweyckx M. Laboratory tests for thyroid diagnosis in infants and children. Ibid, pp. 127-142.
67. Fisher DA. Treatment of sporadic primary pediatric hypothyroidism and endemic cretinism. In: Krieger DT, Bardin CW, Current Therapy in Endocrinology, BC Decker, Inc, Toronto, 1985, pp. 72-75.
68. Leake RD, Fisher DA. Oxytocin secretion and milk ejection in the human. In: Amico JA, Robinson AG, Eds. Oxytocin, Clinical and Laboratory Studies, Elsevier, Amsterdam, 1985, pp. 200-206.
69. Leake RD, Fisher DA. Special considerations in the radioimmunoassay measurement of oxytocin in pregnancy plasma. Ibid, pp. 39-44.
70. Fisher DA, Lakshmanan J. Epidermal growth factor may mediate selected developmental effects of thyroid hormones. In: Hintz RL, Underwood LE, Somatomedins and Other Peptide Growth Factors: Relevance to Pediatrics, 89th Ross Conference on Pediatric Research, Ross Laboratories, Columbus, 1985, pp. 92-101.
71. Fisher DA. Control of thyroid hormone secretion in the fetus. In: Albrecht E, Pepe GJ, Ed. Advances in Perinatal Endocrinology, Perinatology Press, Ithica, New York, 1985, pp. 55-69.

BOOK CHAPTERS

34

72. Fisher DA, Foley BL, Mitchell M. Problems and pitfalls of newborn screening programs based on the experience in California and New England. In: Andrews LB, Ed. Legal Liability and Quality Assurance in Newborn Screening, American Bar Foundation, Chicago, 1985, pp. 38-43.
73. Fisher DA. Thyroid development and thyroid disorders in infancy. In: Van Middlesworth L, Ed. The Thyroid Gland: Practical Clinical Treatise, Year Book Publishers, Chicago, 1986, pp 111-129.
74. Fisher DA. Thyroid physiology in the perinatal period and during childhood. In: Ingbar SH, Braverman LE, Eds. The Thyroid, Lippincott, Philadelphia, 5th Ed, 1986, pp 1387-1395.
75. Fisher DA. Acquired Juvenile Hypothyroidism. Ibid, pp 1404-1411.
76. Fisher DA. Ontogenesis of the hypothalamic-pituitary-thyroid axis: Implications for neonatal thyroid screening. In: Medeiros Neto G, Maciel RMB, Halpern A, Eds. Iodine Deficiency Disorders and Congenital Hypothyroidism, Ache, Sao Paulo, Brazil, 1986, pp 157-165.
77. Fisher DA. Background, strategies and problems of newborn screening for congenital hypothyroidism. Genetic Disease Screening and Management, Carter TP, Willey AM, Eds. Alan R. Liss Inc, New York, 1986, pp 233-251.
78. Fisher DA. The Thyroid: In: Rudolph A, Hoffman JIE, Eds. Pediatrics, 18th Ed, Appleton and Lange, New York, 1987, pp. 1504-1526.
79. Fisher DA. Maturation of Thyroid Hormone Actions. In: Therrell BL, Ed. Advances in Neonatal Screening, Excerpta Medica Int Congr Series 741, New York, 1987, pp 21-24.
80. Foley BL, Fisher DA, Shapiro LJ, Cunningham GC. Early Neonatal Screening and Its Effects on Thyroid Screening Results in Southern California. Ibid, pp 65-67.
81. Fisher DA. Sporadic primary pediatric hypothyroidism and endemic cretinism. In: Bardin CW, Ed. Current Therapy in Endocrinology Metabolism 3, BC Decker, Inc, Toronto, 1988, pp 79-82.
82. Ervin MG, Leake RD, Castro R, Sherman DJ, Ross MG, Fisher DA. Regulation of fetal atrial natriuretic factor and arginine vasopressin secretion. In: Imura H, Shizume K, Yoshida S, Eds. Prog in Endocrinology, Elsevier Publ, New York, 1988, pp 685-690.
83. Fisher DA. Thyroid hormone effects on growth and development. In: Grave GD, Cassorla FG, Eds. Disorders of Human Growth, Charles C. Thomas, Springfield, 1988, pp 266-280.
84. Fisher DA. Thyroid disease in the neonate and child. In: DeGroot LJ, Besser GM, Cahill GF, Marshall JC, Martini L, Nelson DH, Odell WD, Potts JT, Rubenstein AH, Steinberger E, Eds. Endocrinology, Vol. II., Grune and Straton, New York, 1989, pp 733-745.
85. Fisher DA. Fetal Endocrinology, Endocrine Disease and Pregnancy. Ibid, pp 2102-2122.
86. Fisher DA. The Thyroid. In: Brook C, Ed. Clinical Paediatric Endocrinology, Blackwell Scientific Publications, Oxford, 2nd Ed, 1989, pp 309-337.
87. Fisher DA. Development of fetal thyroid system control. In: Delong GR, Robbins J, Condliffe PG, Eds. Iodine and the Brain, Plenum Publishing Corp, New York, 1989, pp 167-176.
88. Fisher DA, Polk DH. Maturation of thyroid hormone actions. In: Delange F, Fisher DA, Glinoe D, Ed. Research in Congenital Hypothyroidism, Plenum Publishing Corp, New York, 1989, pp 61-77.

BOOK CHAPTERS

35

89. Fisher DA, Polk DH. Development of the Thyroid. In: Jones CT, Ed. Perinatal Endocrinology, Bailliere-Tindall, London, 1989, pp 627-658.
90. Fisher DA. The Thyroid. In: Kaplan S. Clinical Pediatric Endocrinology, WB Saunders, 2nd Ed, 1990, pp 87-126.
91. Fisher DA. EGF in mammalian development. In: Growth Factors in Developmental and Perinatal Medicine, Mead Johnson Symposium on Perinatal and Development Medicine, No. 32, Perinatology Press, Ithaca, New York, 1990, pp 33-40.
92. Fisher DA. Thyroid Disorders. In: Emery AE, Rimoin DL. Principles and Practice of Medical Genetics, Churchill Livingstone, Edinburgh, 2nd Ed, 1990, pp 1489-1502.
93. Fisher DA. Euthyroid low T4 and T3 states in prematures and sick infants. Ped Clin N Amer, 37:1297-1312,1990.
94. Wu SY, Fisher DA, Polk D, Chopra IJ. Maturation of Thyroid Hormone Metabolism. In: Wu SY, Hershman JM, Eds. Thyroid Hormone Metabolism: Regulation and Clinical Implications, Blackwell Scientific, Cambridge, MA., 1991, pp 293-320.
95. Fisher, D.A.: Graves' Disease in Children. In: Bardin CW, Ed. Current Therapy in Endocrinology and Metabolism, BC Decker Inc, Philadelphia, 4th Ed., 1991, pp 64-68.
96. Polk DH, Fisher DA. Disorders of the Thyroid Gland. In: Taeusch HW, Ballard RA, Avery ME, Ed. Diseases of the Newborn, WB Saunders, Philadelphia, 6th Ed, 1991, pp 954-964.
97. Fisher DA. Thyroid physiology in the perinatal period and during childhood. In: Braverman LE, Utiger RD, Eds. The Thyroid: A Fundamental and Clinical Text, JB Lippincott, Philadelphia, 6th Ed, 1991, pp 1207-1218.
98. Fisher DA. Acquired juvenile hypothyroidism. Ibid, pp 1228-1236.
99. Fisher DA. Thyroid system ontogeny in the sheep: A model for prococial mammalian species. In: Bercu BB, Shulman DI. Advances in Perinatal Thyroidology, Plenum Press, New York, 1991, pp 11-26.
100. Fisher DA. Thyroid Hormones. In: Yaffe SJ, Aranda JV, Eds. Pediatric Pharmacology, Grune and Stratton, New York, 2nd Ed, 1992, pp 488-502.
101. Polk D, Fisher DA. Fetal and Neonatal Thyroid Physiology. In: Polin RA, Fox WW, Eds. Neonatal and Fetal Medicine-Physiology and Pathophysiology, WB Saunders, Philadelphia, 1992, pp 1842-1849.
102. Fisher DA. The Endocrinology of Fetal Development. In: Wilson JD, Foster DW, Eds. Williams Textbook of Endocrinology, WB Saunders, Philadelphia, 8th Ed, 1992, pp 1049-1078.
103. Pandian MR, Fisher DA. Immunoradiometric (IRMA) Assays. In: de Pablo F, Scanes CG, Weintraub BD, Eds. Techniques in Endocrine Research, Academic Press, San Diego, 1993, pp 25-54.
104. Fisher DA. Graves Disease in Children. In: Bardin CW, Ed. Current Therapy in Endocrinology and Metabolism, 5th Ed, 1994, pp 71-74.
105. Fisher DA. Development of the Thyroid. In: Thorburn GD, Harding R, Eds. Textbook of Fetal Physiology, Oxford University Press, 1994, pp 359-368.
106. Polk D, Fisher DA, Wu SY. Alternate pathways of thyroid hormone metabolism in mannals. In: Wu SY, Visser TJ, Eds. Thyroid hormone metabolism: Molecular biology and alternate pathways. CRC Press, Boca Raton, FL, 1994, pp 223-243.

BOOK CHAPTERS

36

107. Fisher DA, Polk DH. Thyroid disease in the fetus and neonate. In: DeGroot LJ, Besser GM, Burger HG, Jameson JL, Loriaux DL, Marshall JC, Odell WD, Potts JT Jr., Rubenstein AH, Eds. Endocrinology, Grune and Stratton, New York, 3rd Ed, 1994, pp 783-798.
108. Polk DH, Fisher DA. Fetal and Neonatal Endocrinology. Ibid, 1994, pp 2239-2257.
109. Fisher DA, Polk DH. The ontogenesis of thyroid function and actions. In: Tulchinsky D, Little AB, Maternal Fetal Endocrinology, WB Saunders, Philadelphia, 1994, pp 321-333.
110. Delange F, Fisher DA. The Thyroid. In: Brook C, Ed. Clinical Pediatric Endocrinology, Blackwell Scientific Publications, Oxford 3rd Ed, 1995, pp 397-433.
111. Fisher DA. The laboratory assessment of pituitary gland function. In: The Pituitary Patient Resource Guide, Pituitary Tumor Network Association, Ventura, CA, 1995, pp 114-119.
112. Polk DH, Fisher DA. Thyroid disorders. In: Spitzer AR, Ed. Intensive care of the Fetus and Newborn, Mosby, Yearbook Inc. St. Louis, MO, 1996, pp 958-969.
113. Fisher DA. The Thyroid. In: Rudolph AM, Hoffman JIE, Rudolph CD, Eds. Pediatrics, Appleton Lange, Stanford, CT, 20th Ed, 1996, pp 1750-1773.
114. Fisher DA. Fetal Endocrinology. In: Gregor R, Windhorst V, Eds. Comprehensive Human Physiology, Springer, Berlin, 1996, pp 2339-2346.
115. Fisher DA. Disorders of the thyroid in the newborn and infant. In: Sperling MA, Pediatric Endocrinology, 3rd Ed, WB Saunders, Philadelphia, 1996, pp 51-70.
116. Fisher DA. Thyroid physiology in the perinatal period and during childhood. In: Braverman LE, Utiger RD, Eds. The Thyroid, A Fundamental and Clinical Text, JB Lippincott, Philadelphia 7th Ed, 1996, pp 974-983.
117. Fisher DA. Thyroid disorders. In: Rimoin DL, Connor JM, Pyeritz RE, Emery AEH, Eds. Principles and practice of medical genetics, Churchill Livingstone, 3rd Ed, 1997, pp 1365-1377.
118. Fisher DA. The endocrinology of fetal development. In: Wilson JD, Foster DW, Larsen PR, Kronenberg H, Eds. Williams Textbook of Endocrinology, WB Saunders, Philadelphia, 9th Ed, 1998, pp 1273-1301.
119. Fisher DA, Delange FM. Thyroid hormone and iodine requirements in man during brain development. In: Stanbury JB, Delange FM, Dunn JT, Pandav CS, Eds. Iodine in Pregnancy, Oxford University Press, New Delhi, 1998 pp 1-33.
120. Polk DH, Fisher DA. Disorders of The Thyroid Gland. In: Taeusch HW, Ballard RA, Eds. Avery's Disease of the Newborn, WB Saunders, Philadelphia, 7th Ed, 1998, pp 1224-1243.
121. Fisher DA, Brown RS. Thyroid physiology in the perinatal period and during childhood. In: Braverman LE, Utiger RD, Eds. The Thyroid, A Fundamental and Clinical Text, JB Lippincott, Philadelphia, 8th Ed, 2000 pp 959-972.
122. Fisher DA. Fetal and Neonatal Endocrinology. In: DeGroot LJ, Jameson JL, Burger H, Loriaux DL, Marshall JC, Melmed S, Odell WD, Potts JT, Rubenstein AH, Eds. Endocrinology, Grune and Stratton, New York, 4th Ed, 2000, pp 2400-2412.
123. Fisher DA. Growth and development of hypothyroid infants. In: Stabler B, Bercu B, Eds. Therapeutic outcome of endocrine disorders, Springer-Verlag, New York, Chapter 22, 2000, pp 221-234.
124. Fisher DA, Nelson JC. Endocrine Testing. Ibid, 2000, pp 2574-2600.

BOOK CHAPTERS

37

125. Fisher DA. Fetal perinatal thyroid physiology. In: Eugster EA, Pescovitz OH, Eds. Developmental endocrinology, from research to clinical practice, Contemporary Endocrinology Series, Humana Press Totowa, NJ, 2001, pp 135-149.
126. Fisher DA. Thyroid disorders. In: Rimoin DL, Connor JM, Pyeritz RE, Korf BR, Eds. Principles and practice of medical genetics, Churchill Livingstone, New York, 4th Ed, 2002, pp 2183-2202.
127. Fisher DA. Congenital Hypothyroidism. In: Finberg L, Kleinman R, Eds. Saunders Manual of Pediatric Practice, WB Saunders, Philadelphia, 2nd Ed, 2002, pp 882-885.
128. Fisher DA. Disorders of the thyroid in the newborn and infant. In: Sperling MA, Ed. Pediatric Endocrinology 4th Ed, WB Saunders, Philadelphia, 2002, pp 161-185.
129. Fisher DA. Thyroid disorders in childhood and adolescence. Ibid, pp 187-209.
130. Fisher DA. The Thyroid. In: Rudolph CD, Rudolph AM, Hostetter MK, Lister G, Siegel NJ, Eds. Rudolph's Pediatrics, McGrawHill, New York, 21st Ed, 2002, pp 2059-2079.
131. Fisher DA. The endocrinology of fetal development. In: Larsen PR, Kronenberg H, Melmed S, Polonsky K, Eds. Williams Textbook of Endocrinology, WB Saunders, Philadelphia, 10th Ed, 2003, pp 811-841.
132. Polk DH, Fisher DA. Fetal and neonatal thyroid physiology. In: Polin RA, Fox WW, Abman SH, Eds. Fetal and neonatal physiology, WB Saunders, Philadelphia, 3rd Ed, 2004, pp 1926-1933.
133. Fisher DA. Thyroid Hormones. In: Yaffe SJ, Ed. Neonatal and Pediatric Pharmacology, Lippincott Williams and Wilkins, Philadelphia, 3rd Ed, 2004, pp 742-757.
134. Brown RS, Huang SA, Fisher DA. The maturation of thyroid function in the perinatal period and during childhood. In: Braverman LE, Utiger RD, Eds. The Thyroid, A Fundamental and Clinical Text, JB Lippincott, Philadelphia, 9th Ed, 2005, pp 1013-1028.
135. Fisher DA. Fetal and neonatal endocrinology. In: DeGroot LJ, Jameson JL, Eds. Endocrinology, WB Saunders, Philadelphia, 5th Ed, 2006, pp 3369-3386.
136. Fisher DA, Carlton E. Endocrine Testing. Ibid 2006, pp 3605-3633.
137. Fisher DA, Grueters A. Thyroid disorders. In: Rimoin DL, Korf BR, Pyeritz RE, Connor JM. Principles and Practice of Medical Genetics, Churchill Livingstone, New York, 5th Ed, 2007, pp 1932-1950.
138. Fisher DA, Grueters A. Disorders of the thyroid in the newborn and infant. In: Sperling MA, Ed. Pediatric Endocrinology, 5th Ed, Elsevier-Saunders, Philadelphia, 2008, pp 198-226.
139. Fisher DA, Grueters A. Thyroid disorders in childhood and adolescence ibid, pp222-253.
140. Fisher DA. The Endocrinology of Fetal Development. In: Larsen PR, Kronenberg H, Melmed S, Polonsky K, Eds. Williams Textbook of Endocrinology, Saunders Elsevier, Philadelphia, 11th Ed, 2008, pp 755-782.
141. Fisher DA. Fetal and neonatal endocrinology. In: Jameson JL, DeGroot LJ, Eds. Endocrinology, Elsevier-Saunders, Philadelphia, 6th Ed, 2010, pp 2624-2643.
142. Fisher DA. Thyroid hormones, In: Jaffe SJ, Aranda JV, Eds. Neonatal and Pediatric Pharmacology, Therapeutic Principles in Practice, Walters Kluwer-Lippincott Williams and Wilkins, Philadelphia, 4th Ed, 2011, pp 789-805.

BOOK CHAPTERS

38

143. Fisher DA. The Thyroid. In: Rudolph AM, Rudolph C, Fisher L, Lister G, Gershon AA. Rudolph's Pediatrics, McGraw Hill, New York, 22nd Ed, 2011, pp 527-531.
144. Polk DH, Fisher DA. Fetal and Neonatal Thyroid Physiology. In Polin RA, Fox WW, Abman SH, Eds. Fetal and Neonatal Physiology, Elsevier Saunders, Philadelphia, 4th Ed, 2011, pp 2004-2013.
145. Dattani MT, Hindmarsh PC, Fisher DA. Endocrinology of Fetal Development. In Melmed S, Polonsky K, Larsen PR, Kronenberg H, Eds. Williams Textbook of Endocrinology, Saunders-Elsevier, Philadelphia, 12th Ed, 2011, pp 833-867.
146. Fisher DA, Brown RS. The Maturation of Thyroid Function in the Perinatal Period and During Childhood. In: Braverman LE, Cooper D, Eds. Werner and Ingbar's, The Thyroid, A Fundamental and Clinical Text, Lippincott Williams and Wilkins, 10th Ed, 2013, pp 775-786.
147. Gevers EF, Fisher DA, Dattani MT. Fetal and Neonatal Endocrinology. In Jameson JL, De Groot LJ, Eds. Endocrinology, Adult and Pediatric, Elsevier-Saunders, Philadelphia, 7th Ed. 2016, pp2499-2529.

Supported by NIH funding 1964-1995

Revised 10-14-15

Mjm: f:\fisher97\biblioversion1.doc