

Name: Scott A. Rivkees, M.D.

Professor of Pediatrics (Endocrinology)

Education:

1974-1978 B.S. Biochemistry, Cook College, Rutgers University,
New Brunswick, NJ
1978-1982 M.D. New Jersey Medical School, U.M.D.N.J., Newark, NJ
1986-1989 Postdoc in Neuroscience, Harvard Medical School, Massachusetts
General Hospital. Boston, MA

Career:

1982-1985 Resident in Pediatrics, Massachusetts General Hospital
1982-1985 Clinical Fellow in Pediatrics, Harvard Medical School
1985-1986 Clinical Fellow in Pediatric Endocrinology, Massachusetts General
Hospital and Harvard Medical School
1986-1989 Research Fellow, Massachusetts General Hospital
1988-1990 Instructor in Pediatrics, Harvard Medical School,
Assistant in Pediatrics, Massachusetts General Hospital
1990-1992 Assistant Professor of Pediatrics, Harvard Medical School
1992-1996 Associate Professor of Pediatrics, Indiana University
1996-2000 Associate Professor of Pediatrics, Yale University
2001-2004 Associate Professor of Pediatrics (with tenure), Yale University
6/2004 Professor of Pediatrics (with tenure), Yale University

Board Certification:

1982 National Board of Medical Examination Certification
1986 Certified by the American Board of Pediatrics in Pediatrics
1989 Certified by American Board of Pediatrics in Pediatric Endocrinology
1999 Re-certified by American Board of Pediatrics in Pediatric Endocrinology

Professional Honors or Recognition:

- 1978 Selman Waksman Award
- 1981 Alpha Omega Alpha
- 1982 Mosby Pediatric Award
- 1987 Pediatric Career Scientist Training Program Award
- 1989 Lawson Wilkins Pediatric Endocrine Society/Genentech
Clinical Scholar Award.
- 1994 Named "One of America's Best Doctors"
- 1995 National Institutes of Mental Health Review Panel, Ad hoc member
- 1995 Society of Pediatric Research
- 1996 Molecular, Cellular and Developmental Neurobiology National Institutes of
Health Review Panel, Permanent member
- 1998 Serono Visiting Professorship, Univ. of New South Wales, Sydney AU
- 1998 Visiting Professor, Auckland Univ., Auckland NZ
- 1998 Integrative and Functional Neuroscience, NIH Review Panel, Permanent member
- 1998 Chairman, Drugs and Therapeutics Committee, Lawson Wilkins Pediatric Endocrine Society
- 1998 Keynote Speaker 6TH International Symposium on Adenosine and Adenine Nuclides, Ferrara
Italy
- 1999 Organizing Committee of Purines 2000 International Meeting, Madrid Spain
- 2000 Donaghue Investigator
- 2000 Guest Editor, Seminars in Perinatology
- 2001 Organizing Committee, 7TH International Symposium on Adenosine and Adenine Nuclides,
Australia
- 2001 American Society for Clinical Investigation
- 2002 Fellow of the American Academy of Pediatrics
- 2002 Named "One of America's Top Pediatricians"
- 2002 Molecular, Cellular and Developmental Neurobiology National Institutes of
Health Special Emphasis Review Panel
- 2002 National Heart Lung and Blood Institute, Special Review Panel
- 2002 US Senate, Expert for Children and Families Subcommittee
- 2002 Director Yale Child Health Research Center

Professional Service:

- 1994-1996 Endocrinology Liaison, Indiana St. Dept. Of Health
- 1995-1996 Director, St. of Indiana, Congenital Hypothyroidism Follow-up Program
- 1997-2001 Editorial Board, J Clinical Endocrinology and Metabolism
- 1997-2001 Deputy Section Editor, NeuroReport
- 1995-1998 Drugs and Therapeutics Committee, Lawson Wilkins Pediatric Endocrine Society
- 1997-1998 Molecular, Cellular and Developmental Neurobiology National Institutes of
Health Review Panel
- 1998-2001 Integrative and Functional Neuroscience, NIH Review Panel
- 1998 Endocrinology Liaison, State of Connecticut Department of Public Health, Genetics
Advisory Panel
- 1998-1999 Chairman, Drugs and Therapeutics Committee, Lawson Wilkins Pediatric Endocrine
Society
- 2000 Town of Orange, Board of Health

- 2002 Molecular, Cellular and Developmental Neurobiology National Institutes of Health Special Emphasis Review Panel
- 2002 National Heart Lung and Blood Institute, Special Review Panel
- 2002 US Senate, Expert for Children and Families Subcommittee
- 2002 Director, Yale Child Health Research Center
- 2003 Editorial Board, J Clinical Endocrinology and Metabolism
- 2004 Chief, Section of Developmental Biology

Bibliography:

1. Original Articles:

1. **Rivkees SA**, Hall DA, Boepple PA, Crawford JD. The reliability of clinical measures of testicular volume. Journal of Pediatrics 110: 914-917, 1987.
2. **Rivkees SA**, Crawford JD. Hypoglycemia pathogenesis in children with dumping syndrome. Pediatrics 80: 937-942, 1987.
3. **Rivkees SA**, Fine BP. The reliability of calculated bicarbonate in clinical practice. Clinical Pediatrics 27: 240-242, 1988.
4. **Rivkees SA**, Crawford JD. The relationship of gonadal activity and chemotherapy included damage. Journal of the American Medical Association 259: 2123-2125, 1988.
5. **Rivkees SA**, Bode HH, Crawford JD. Long term growth in juvenile acquired hypothyroidism: failure to achieve normal adult height. New England Journal of Medicine 318: 599-602, 1988.
6. **Rivkees SA**, Hall DA, Weaver DR, Reppert SM. Djungarian hamsters exhibit reproductive responses to changes in daylength at extreme photoperiods. Endocrinology 122: 2634-2638, 1988.
7. Reppert SM, Weaver DR, **Rivkees SA**, Stopa EG. Putative melatonin receptors in a human clock. Science 242: 78-81, 1988.
8. **Rivkees SA**, Fox CA, Jacobson CD, Reppert SM. Anatomic and functional development of the suprachiasmatic nuclei in the gray short-tailed opossum. Journal of Neuroscience 8: 4269-4276, 1988.
9. **Rivkees SA**, Chaar MR, Hanley DF, Maxwell M, Reppert SM, Uhl GR. Localization and regulation of vasopressin mRNA in human neurons. Synapse 3: 246-254, 1989.
10. Weaver DR, **Rivkees SA**, Reppert SM. Localization and characterization of melatonin receptors in rodent brain by in vitro autoradiography. Journal of Neuroscience 9: 2581-2590, 1989.
11. El-Hajj-Fuleihan G, Chen CJ, **Rivkees SA**, Marynick SP, Stock J, Pallatta JA, Brown EM. Calcium-dependent release of N-terminal fragments and intact immunoreactive parathyroid hormone by human pathological parathyroid tissue in vitro. Journal of Clinical Endocrinology and Metabolism 69: 860-867, 1989.
12. **Rivkees SA**, Carlson LL, Reppert SM. G protein regulation of membrane-bound and solubilized melatonin receptors in lizard brain. Proceedings of the National Academy of Sciences USA 86: 3882-3886, 1989.
13. **Rivkees SA**, Cassone VM, Weaver DR, Reppert SM. Melatonin receptors in avian brain: characterization and localization. Endocrinology 125: 363-368, 1989.
14. **Rivkees SA**, Reppert SM. Development of entrainment of circadian phase in the developing gray short tailed opossum: mother vs. environment. American Journal of Physiology 259: E384-388, 1990.

15. **Rivkees SA**, Conron RW, Reppert SM. Solubilization and purification of melatonin receptors from lizard brain. Endocrinology 127: 1206-1214, 1990.
16. Reppert SM, Weaver DR, **Rivkees SA**, Stehle JH. Molecular cloning and characterization of the rat A1-adenosine receptor. Molecular Endocrinology 5: 1037-1048, 1991.
17. **Rivkees SA**, Reppert SM. Appearance of melatonin receptors during embryonic life in Siberian hamsters (*Phodopus sungorus*). Brain Research 568: 345-352, 1991.
18. Stehle JH, **Rivkees SA**, Lee JJ, Weaver DR, Deeds JD, Reppert SM. The CDNA for an A2-like adenosine receptor. Molecular Endocrinology 6: 384-393, 1992.
19. Reppert SM, Weaver DR, Stehle J, **Rivkees SA**, Grabbe S, Granstein R. Molecular cloning of an orphan G protein-coupled receptor: High expression in lymphocytes and proliferative areas of brain. Cellular and Molecular Neuroscience 3: 206-214, 1992.
20. Fink JS, Weaver DR, **Rivkees SA**, Peterfreund RA, Pollack AE, Adler EM, Reppert SM. Molecular cloning of the rat A2 adenosine receptor: Selective co-expression with D2 dopamine receptors in rat striatum. Molecular Brain Research 14: 186-195, 1992.
21. Weaver DR, **Rivkees SA**, Reppert SM. D1-dopamine receptors activate c-fos expression in the fetal biological clock. Proceedings of the National Academy of Sciences USA. 89:9201-9204, 1992.
22. **Rivkees SA**, Reppert SM. RFL9 encodes an adenosine A2b receptor. Molecular Endocrinology 10: 1598-1604, 1992.
23. **Rivkees SA**, El-Hajj-Fuleihan G, Brown EM, Crawford JD. Tertiary hyperparathyroidism during high phosphate therapy of vitamin D-resistant rickets. Journal of Clinical Endocrinology and Metabolism 75: 1514-1518, 1992.
24. **Rivkees SA**, Weaver DR, Reppert SM. Circadian and developmental regulation of Oct-2 gene expression in the suprachiasmatic nuclei. Brain Research. 598: 332-336, 1992.
25. Linden J, Taylor HE, Robeva AS, Tucker AM, Stehle JH, **Rivkees SA**, Fink JS, Reppert SM. Molecular cloning and functional expression of a sheep A3 adenosine receptor with widespread tissue distribution. Molecular Pharmacology 44:524-532, 1993.
26. **Rivkees SA**, Danon M, Herrin. The prednisone dose limits growth hormone treatment of steroid-induced growth failure. Journal of Pediatrics 125:322-325, 1994.
27. **Rivkees SA**. Localization and characterization of adenosine receptor expression in testis. Endocrinology 136:2307-2313, 1994.
28. **Rivkees SA**, Kelley MR. Expression of a Multifunctional DNA Repair Enzyme, Apurinic/Apyrimidinic Endonuclease (APE;REF-1) in the suprachiasmatic, supraoptic, and paraventricular nuclei. Brain Research 666-137-142, 1994.
29. **Rivkees SA**, Price SL, Zhou FC. Immunohistochemical detection of A1 Adenosine receptors in rat brain with emphasis on cellular localization in the hippocampal formation, cerebral cortex, cerebellum, and basal ganglia. Brain Research 677:193-203, 1995.
30. **Rivkees SA**, Lasbury ME, Stiles GS, Vance, G. Characterization of the human A1 adenosine receptor: ligand binding properties, somatic expression, and chromosomal localization. Endocrine 3:623-629, 1995.
31. Monts BS, Lee WH, Breyer PR, Russell LD, **Rivkees SA**, Pescovitz OH, Srivastava CH. Identification and localization of secretin and secretin receptor mRNAs in rat testis. Endocrine 3:127-135, 1995.
32. **Rivkees SA**. The ontogeny of cardiac and neural A1 adenosine receptor expression in rats. Developmental Brain Research 89:202-213, 1995.

33. **Rivkees SA**, Lasbury ME, Barbhaiya H. Identification of domains of the human A1 adenosine receptor that are important for binding receptor subtype selective ligands using chimeric A1/A2a adenosine receptors. Journal of Biological Chemistry 270:20485-20490, 1995.
34. Swanson TH, Drazba J, **Rivkees SA**. Adenosine A1 receptors are located predominantly on axons in the rat hippocampal formation. Journal of Comparative Neurology 363:517-531, 1995.
35. Wilson TM, **Rivkees SA**, Deutsch WA, Kelley MR. Differential expression of the apurinic/apyrimidinic endonuclease (APE/ref-1) multifunctional DNA base excision repair gene during fetal development and in adult brain. Mutation Research 362:237-248, 1996.
36. Barbhaiya H, McClain R, IJzerman A, **Rivkees SA**. Site directed mutagenesis of the human A₁ adenosine receptor: influences of acidic and hydroxy residues in the first four transmembrane domains on ligand binding. Molecular Pharmacology 50:1635-1642, 1996.
37. **Rivkees SA**, Lachowicz. Functional D1 and D5 dopamine receptors are expressed in the suprachiasmatic supraoptic, and paraventricular nuclei of primates. Synapse 26:1-10, 1997.
38. **Rivkees SA**, Hofman PL, Fortman J. Newborn Primate Infants are Entrained by Low Intensity Lighting. Proceedings of the National Academy of Sciences USA. 94:292-297, 1997.
39. Bender M, Drago J, **Rivkees SA**. D1 receptors mediate dopamine action in the fetal suprachiasmatic nuclei: Studies of mice with targeted deletion of D1 dopamine receptors. Molecular Brain Research. 49: 271-277, 1997.
40. Hofman PL, Yoder MC, **Rivkees SA**. A1 adenosine receptors potently regulate murine embryonic cardiac function. American Journal of Physiology. 272: R1374-1380, 1997.
41. Middlekauff, HR, **Rivkees SA**, Raybould H.E. Bitticaca, M., Goldhaber, J.I., Weiss, J.N. Localization and functional affects of adenosine A1 receptor on cardiac vagal afferents in adult rats. American Journal of Physiology 274: H441-H447, 1998.
42. Swanson TS, **Rivkees SA**. Evidence for physiologically active axonal adenosine receptors in the rat corpus callosum. Brain Research 784:188-198, 1998.
43. **Rivkees SA**, Barbhaiya HB, IJzerman, AP. Identification of the adenine binding site of the Human A1 Adenosine Receptor. Journal of Biological Chemistry 274: 3617-3621, 1999.
44. Rice AR, **Rivkees SA**. Etridonate therapy for hypercalcemia in subcutaneous fat necrosis of the newborn. Pediatrics 134:349-351, 1999.
45. Hao H, **Rivkees SA**. The Biological Clock of Very Premature Primate Infants is Responsive to Light. Proceedings of the National Academy of Sciences USA. 96: 2426-2429, 1999.
46. **Rivkees SA**, Chen MC, Kulkarni J, Browne J, Zhao Z. Characterization of the murine A1 adenosine receptor promoter: potent regulation by GATA-4 and NKX 2.5 Journal of Biological Chemistry 274:14204-14209, 1999.
47. Bode HH, **Rivkees SA**, Cowley DM, Pardy K, Johnson S. Home monitoring of 17 hydroxyprogesterone levels in congenital adrenal yperplasia with filter paper blood samples. Journal of Pediatrics. 1999 Feb;134(2):185-9.
48. Rice AR, Fain J, **Rivkees SA**. A1 adenosine receptors potently regulate leptin secretion. Endocrinology 141:1442-5, 2000.
49. Zhao Z, **Rivkees SA**. Programmed cell death in the developing heart: Regulation by BMP4 and FGF2. Developmental Dynamics 217:388-400, 2000.
50. **Rivkees SA**, Thevananther S, Hao H. Are A3 Adenosine Receptors Expressed in the Brain? Neuroreport 11:1025-1030, 2000.

51. Pogacar PR, Mahnke S, **Rivkees SA**. Management of central diabetes insipidus in infancy with low renal solute load formula and chlorothiazide. Current Opinions in Pediatrics 12:405-411, 2000.
52. Eugster E, Quigley C, Pescovitz OH, **Rivkees SA**. Development of a congenital hypothyroidism follow-up program. Endocrinologist 10:185-195, 2000
53. **Rivkees SA**, Crawford JD. Dexamethasone treatment of congenital adrenal hyperplasia: the ability to achieve normal growth Pediatrics. 106:767-73, 2000.
54. Zhao Z, **Rivkees SA**. Tissue-specific expression of murine GTPases RalA and RalB during embryogenesis and regulation by epithelial-mesenchymal interactions. Mechanisms of Development 97:201-204, 2000.
55. Hao H, **Rivkees SA**. Melatonin does not induce phase shifts in primates. Journal of Clinical Endocrinology and Metabolism. 85:3618-3622, 2000.
56. Fain JN, Leffler CW, Bahouth SW, Rice AM, **Rivkees SA**. Regulation of leptin release and lipolysis by PGE2 in rat adipose tissue. Prostaglandins and Lipid Mediators 62:343-350, 2000.
57. Porter GA, **Rivkees SA**. The ontogeny of humoral regulation of embryonic cardiac function. Am Journal of Physiology 281:R401-R407, 2001.
58. Zhao Z, **Rivkees SA**. Adenosine inhibits cell division in the embryonic heart Developmental Dynamics 221:194-200, 2001.
59. Thevanather S, Rivera A, **Rivkees SA**. Adenosine receptor activation inhibits neurite growth by Rho-Associated-Kinase-mediated mechanisms. NeuroReport 12:3057-3063, 2001.
60. Wei L, Roberts W, Wang L, Yamada M, Zhang S, Zhao Z, **Rivkees SA**, Schwartz RJ, Imanaka-Yoshida. Rho kinases play an obligatory role in vertebrate embryonic organogenesis. Development 128:2953-2962, 2001.
61. **Rivkees SA**. Arrhythmicity in septo-optic dysplasia and establishment of sleep-wake cyclicity with melatonin. Journal of Pediatrics 139:463-465, 2001.
62. Porter GA, **Rivkees SA**. The ontogeny of humoral regulation of embryonic cardiac function. Am Journal of Physiology 281(2):R401-7.2001.
63. Zhao Z, **Rivkees SA**. Adenosine inhibits cell division in the embryonic heart. Developmental Dynamics 221(2):194-200, 2001
64. Wei L, Roberts W, Wang L, Yamada M, Zhang S, Zhao Z, **Rivkees SA**, Schwartz RJ, Imanaka-Yoshida K. Rho kinases play an obligatory role in vertebrate embryonic organogenesis. Development. 128(15):2953-62, 2001.
65. Yan H, **Rivkees SA**. Hepatocyte growth factor stimulates the proliferation and migration of oligodendrocyte precursor cells. J Neurosci Res. 2002 69(5):597-606.
66. Turner CP, Yan H, Schwartz M, Othman T, **Rivkees SA**. A1 adenosine receptor activation induces ventriculomegaly and white matter loss. NeuroReport. 2002;13(9):1199-204.
67. Rentschler S, Zander J, Meyers K, France D, Levine R, Porter G, **Rivkees SA**, Morley GE, Fishman GI. Neroregulin-1 promotes formation of the murine cardiac conduction system. Proc Natl Acad Sci U S A. 2002 99(16):10464-9.
68. Porter GA Jr, Makuck RF, **Rivkees SA**. Reduction in intracellular calcium levels inhibits myoblast differentiation. J Biol Chem. 2002 277(32):28942-7.
69. Turner CP, **Rivkees SA**. Reduction in intracellular calcium levels induces injury in developing neurons. Experimental Neurology 2002 178(1):21-32.
70. Zhao Z, **Rivkees SA**. Rho-associated kinases play an essential role in cardiac morphogenesis and cardiomyocyte proliferation. Devel Dynamics 2003 226(1):24-32.

71. Lisska MC, **Rivkees SA**. Daily methylphenidate use slows the growth of children: a community based study. J Pediatr Endocrinol Metab. 2003 16(5):711-8.
72. **Rivkees SA**. Rest-activity patterns in children with hypopituitarism. Pediatrics 2003 111(6 Pt 1):e720-4.
73. Porter GA Jr, Makuck RF, **Rivkees SA**. Intracellular calcium plays an essential role in cardiac development. Devel Dynamics 2003 227(2):280-90.
74. **Rivkees SA**, Cornelius EA. Influence of iodine-131 dose on the outcome of hyperthyroidism in children. Pediatrics. 2003 111:745-9.
75. Turner CP, Blackburn MR, **Rivkees SA**. A1 adenosine receptors mediate hypoglycemia-induced neuronal injury. J Mol Endocrinol. 2004 Feb;32(1):129-44.
76. Othman T, Yan H, **Rivkees SA**. Oligodendrocytes express functional A1 adenosine receptors that stimulate cellular migration. Glia. 2003 44(2):166-72.
77. Yan H, Lu D, **Rivkees SA**. Lysophosphatidic acid regulates the proliferation and migration of olfactory ensheathing cells in vitro. Glia. 2003 44(1):26-36.
78. Turner CP, Seli M, Ment L, Stewart W, Balckburn M, Johansson J, Fredholm B, **Rivkees SA**. A1 adenosine receptors mediate hypoxia-induced ventriculomegaly. Proc Natl Acad Sci U S A. 2003 100(20):11718-22
79. Lu D, Yan H, Othman T, Turner CP, Woolf T, **Rivkees SA**. Cytoskeletal protein 4.1G binds to the third intracellular loop of the A1 adenosine receptor and inhibits receptor action. Biochem J. 2004;377(Pt 1):51-9.
80. Turner CP, Blackburn MR, **Rivkees SA**. A1 adenosine receptors mediate hypoglycemia-induced neuronal injury. J Mol Endocrinol. 2004 32(1):129-44.
81. **Rivkees SA**, Mayes L, Jacobs H, Gross I. Rest-activity patterns of premature infants are regulated by cycled lighting. Pediatrics. 2004 Apr;113(4):833-9.
82. Gascard, PD, Parra MK, Zhao Z, Calinisan VR, Nunomura W, **Rivkees SA**, Mohandas, N, Conboy JG. Putative Tumor Suppressor Protein 4.1B is differentially expressed in kidney and brain via alternative promoters and 5' alternative splicing: Implication for diverse roles for 4.1B in kidney and brain physiology. Biochimica et Biophysica Acta 2004 (in press).
83. Lu D, Yan, H, Othman T, **Rivkees SA**. 4.1G Is a Binding Partner of the Metabotropic Glutamate Receptor Subtype 1 Alpha. Journal of Neuroscience Research 2004 1;78(1):49

2. Case reports

1. **Rivkees SA**, Hardin D. Cretinism following weekly dosing of levothyroxine for the treatment of congenital hypothyroidism. Journal of Pediatrics 125:147-149, 1994.
2. Andreoli SP, **Rivkees SA**, Bull M. Hypercalcemia, hypercalciuria, medullary nephrocalcinosis, and renal insufficiency in a toddler with Down syndrome. Pediatric Nephrology. 9:673, 1995.

3. Reviews, Chapters, Books:

1. Reppert SM, Weaver DR, **Rivkees SA**: Maternal communication of circadian phase to the developing mammal. Psychoneuroendocrinology 13: 63-78, 1988.
2. Reppert SM, **Rivkees SA**: Development of human circadian rhythms: Implications for health and disease. IN: Development of circadian rhythmicity and photoperiodism in mammals. Ed. SM Reppert. Perinatology Press, Ithaca, NY, 1989. pp. 245-259.

3. Reppert SM, **Rivkees SA**, Weaver DR: Prenatal function and entrainment of a circadian clock. IN: Development of circadian rhythmicity and photoperiodism in mammals. Ed. SM Reppert. Perinatology Press, Ithaca, NY, 1989. pp. 1-24
4. Weaver DR, **Rivkees SA** Carlson LL, Reppert SM. Localization of melatonin receptors in mammalian brain. IN: Suprachiasmatic Nucleus: The Mind's Clock. Eds. DC Klein, RY Moore, SM Reppert, Oxford Univ. Press, NY, 1991. pp. 289-308.
5. **Rivkees SA**, Reppert SM. Suprachiasmatic nuclei development in an opossum. IN: Suprachiasmatic Nucleus: The Mind's Clock. Eds. DC Klein, RY Moore, SM Reppert, Oxford Univ. Press, NY, 1991. pp. 419-428.
6. **Rivkees SA**. Hyperparathyroidism in Children. IN: Pediatric Endocrinology. Ed. F. Lifschits. Marcel Dekker, Inc., New York. pp. 497-506.
7. **Rivkees SA**. The role of adenosine in the developing fetus. IN: Purinergic Approaches in Experimental Therapeutics. Ed. K.A. Jacobson. John Wiley & Sons. New York. 1997. Pp. 527-541.
8. **Rivkees SA**. Circadian Rhythmicity in Childhood. Pediatric Clinics of North America. 44:467-487, 1997.
9. Swanson TH, **Rivkees, SA**. Receptor Localization and Labeling Methods and Practice. IN: Immunocytochemical Analysis of Neurotransmitter Receptors. Ed. M. Ariano, Wiley-Liss, 1998. P 91-106.
10. **Rivkees SA**, Sklar C, Freemark M. The Management of Graves' Disease in Children with Special Emphasis on Radioiodine Treatment. J Clinical Endocrinology and Metabolism 83:3767-3776, 1998.
11. **Rivkees SA**, Ijzerman AP, Swanson TS. New Insights into the Molecular Mechanisms of A₁ Adenosine Receptor Action. Drug Development Research 43:93-102, 1998.
12. **Rivkees SA**. The Management of Graves' Disease in Children. IN: Graves disease. Ed. B. Rapaport. 2000: 185-204
13. **Rivkees SA**, Hao H. The development of circadian rhythmicity. Seminars in Perinatology 2000 24(4):232-42.
14. **Rivkees SA**. Thyroid disease in children and adolescents. IN: Contemporary Endocrinology Ed. E. Eugster and O Pescovitz 2001: 145-182.
15. **Rivkees SA**. Mechanisms and Clinical Significance of Circadian Rhythms. Current Opinions in Pediatrics 13:352-357, 2001.
16. **Rivkees SA**. Circadian rhythms and disorders of the circadian system. IN: Recent Advances in Pediatrics Ed: TJ David. Churchill Livingstone. 187-196, 2001.
17. **Rivkees SA**. The use of radioactive iodine in the management of hyperthyroidism in children. Curr Drug Targets Immune Endocr Metabol Disord 2001 1(3):255-64
18. **Rivkees SA**, Turner CP, Zhao Z, Porter GP. Influences of adenosine on the fetus and newborn. Molecular Genetics and Metabolism 74:160-171, 2001
19. **Rivkees SA**. Mechanisms and Clinical Significance of Circadian Rhythms in Children. Current Opinions in Pediatrics Mechanisms and clinical significance of circadian rhythms in children. 2001 13(4):352-7.
20. **Rivkees SA**. Circadian rhythms-genetic regulation and clinical disorders. Growth, Genetics and Hormones 18:1-6, 2002.
21. Rice AR, **Rivkees SA**. Paradigms of hormone action: Signaling pathways and receptors. IN: Pediatric Endocrinology. Ed: M. Sperling 2002: 5-47.
22. **Rivkees SA**. Developing circadian rhythmicity in infants. Pediatrics. 2003 112(2):373-81.

23. Rivkees SA. Emergence and influences of circadian rhythmicity in infants. Clin Perinatol. 2004 Jun;31(2):217-28, v-vi.

5. Editorials

1. **Rivkees SA.** Time to wake-up to the individual variation in sleep needs. J Clin Endocrinol Metab 2003 88(1):24-5
2. Rivkees SA. Radioactive iodine use in childhood Graves' disease: time to wake up and smell the I-131. J Clin Endocrinol Metab. 2004 89(9):4227-8.

6. Books/Monographs

1. Editor: Seminars in Perinatology. Development of circadian rhythmicity. Seminars in Perinatology 2000.
2. Editor: Seminars in Perinatology. Perinatal Brain Injury. Seminars in Perinatology 2004 (in press).
3. **Rivkees SA, Hsu C.** Congenital Adrenal Hyperplasia: A guide for parents 2004 (in press).

7. Recent Abstracts

1. Meng H, Hager K, Gruen J, **Rivkees SA.** Detection of Turner Syndrome Using High-Throughput Quantitative Genotyping.