

## CURRICULUM VITAE

### Kenneth Dale Burman, M.D.

#### Office:

110 Irving Street NW, 2A72  
Washington, DC 20010  
(202) 877-6563  
Kenneth.D.Burman@MedStar.net



#### Education:

Washington University (St. Louis) A.B., 1966  
University of Missouri Medical School, M.D., 1970  
Barnes Hospital Internship 1970-1971, Internal Medicine  
Barnes Hospital Residency 1971-1972, Internal Medicine  
Walter Reed Army Medical Center Fellowship Endocrinology 1972-1974

#### Professional Societies:

American Federation for Clinical Research, 1973  
Member, American College of Physicians, 1974  
Missouri Certification Examination, 1970  
Licensure: Missouri, Washington, D.C., Maryland  
Attending Physician, DC General Hospital, Howard University Service, 1975  
American Medical Association, 1972  
American Thyroid Association, 1975  
Member, Endocrine Society, 1976  
Fellow, American College of Physicians (FACP), April 1979  
American Association of the Advancement of Science, 1982  
American College of Nutrition, 1983  
Institute of Nutrition, 1984  
American Society for Clinical Nutrition, 1984  
American Association Immunologist, 1985  
Society of Medical Consultants to the Armed Forces, 1991  
Academy of Medicine, 1993  
Menopause Society, 2003

**Board Certification:**

National Medical Boards Parts I, II, III, Certified, 1971  
American Boards of Internal Medicine, June 1973  
Board Certification, Endocrinology and Metabolism, October, 1975  
American Board of Nutrition - Certified as a Specialist in Clinical Nutrition, 1984

**Academic Appointments:**

Professor of Medicine, Georgetown University, Washington, DC  
Professor of Medicine, Uniformed Services University of the Health Sciences, Bethesda, MD  
Clinical Professor, Department of Medicine and Surgery (Otolaryngology), Georgetown University School of Medicine, Washington, DC  
Clinical Professor, Department of Medicine, George Washington University School of Medicine, Washington, DC  
Assistant Chief, Endocrine Service, Walter Reed Army Medical Center, Washington, DC (1978 - 1991)  
Assistant Commandant for Students, Uniformed Services University of the Health Sciences, Bethesda, MD (1980-1984).  
Consultant to the Surgeon General of the US Army in Nutrition (1985-1991)  
Consultant in Endocrinology to the Attending Physician's Office, The Capitol, Washington, DC (1985-1994)  
Chief, Endocrinology, Uniformed Services University of the Health Sciences, Bethesda, MD (1991 - 1994)  
Director, Endocrine Training Program, Walter Reed Army Medical Center, Washington, DC (1991-1994).  
Director, Section of Endocrinology, Washington Hospital Center, Washington, DC (1994 - Present)  
Director, Integrated Endocrine Training Program, Georgetown University/Washington Hospital Center, Washington, DC (2002-present).

**Honors and Awards:**

- 1976 Fellow, American College of Physicians
- 1982 Peter Forsham Award, given to the individual in government service who is performing outstanding research
- 1984 Van Meter U.S.V. Award, given by the American Thyroid Association for outstanding contributions to our understanding of thyroid disease
- 1985 American Federation for Clinical Research, Eastern Section Young Investigator Award, 1985, for outstanding contributions in research concerning the causes of thyroid disease
- 1986 Alpha Omega Alpha
- 1986 American Society of Clinical Investigation
- 1987 The Claire Chennault Award given to an Outstanding Teacher, Walter Reed Army Medical Center

- 1989 Distinguished Physician Award given to graduate of University of Missouri Medical School who has contributed significantly to medical research and patient care
- 1997 Laureate, American College of Physicians
- 1997 Vicennial Medal, Georgetown University, for teaching and patient care
- 1998 Member, American Thyroid Association Council
- 2001 Distinguished Alumni Award, University of Missouri.
- 2004 Awarded Mastership in the American College of Physicians

**Selected Committees:**

- 1981 - Present Reviewer for VA Grants
- 1982 - Present Ad Hoc Reviewer for NIH Grants
- 1985 Present Ad Hoc Reviewer for Canadian Grants
- 1982 Ad Hoc Endocrine Society Representative to National Academy of Science Committee on Health Manpower Needs
- 1983 American Thyroid Association - Constitutional Ad Hoc Committee on revising the by-laws
- 1983 - 1990 Endocrine Society - Future meetings committee
- 1983 Reviewer for National Science Foundation Grants
- 1984 Ad Hoc Reviewer for Heritage Scientific Foundation, Alberta, Canada
- 1984 - 1986 Chairman, Society of Uniformed Endocrinologists
- 1986 - 1991 Chairman, Future Meetings Committee, Endocrine Society
- 1987 Finance Committee, American Thyroid Association
- 1987 Co-Chairman, Local hosts, American Thyroid Association
- 1987 Coordinator, Clinical Nutrition Course, USUHS
- 1988 Ad Hoc Review, grants, American Diabetes Association
- 1988 Program Committee, American Society of Clinical Nutrition
- 1988 Awards Committee, American Thyroid Association
- 1988 Cholesterol Advisory Group to the Surgeon General
- 1988 - 2000 Abstract reviewer, Endocrine Society, American Thyroid Association
- 1989 Chairperson, By-Laws Committee, American Thyroid Association
- 1989 Program committee, American Thyroid Association
- 1990 Reviewer for Veterans Administration Merit Review and for Allegheny-Singer Foundation
- 1990 Chair, Subcommittee on International Meetings, Endocrine Society
- 1991 Organizer, American Thyroid Association Symposium, Bethesda, MD
- 1992 Member, Education Committee, American Thyroid Association
- 1993 Search Committee for Radiology Chairperson, USUHS, Bethesda, MD

1993 - 1994	Co-chair, Human Use Committee, Department of Clinical Investigation, Walter Reed
1999	Clinical Initiatives Committee, Endocrine Society
1999- present	Scientific Advisory Board, Novavax, Inc.
2001	Local Organizer, American Thyroid Association Meeting
2001	Chair, Public Health Committee, American Thyroid Association
2002	Advisory Board, Thyroid Cancer Support Group
2002	Advisory Board, Thyroid Foundation of America
2003-present	Scientific Review Board, General Clinical Research Center, Georgetown University Medical Center

**Selected Invited Lectures:**

1976	Symposium on Anorexia Nervosa, NIH, Bethesda, MD
1977	University of Missouri Medical Center, Columbia, MO
1981	Massachusetts General Hospital, Boston, MA
1981	Guthrie Clinic, Sayre, PA
1980,1982	Endocrine Society Course in Radio Ligand Techniques, Bethesda, MD
1980	Conference on Thyroid Hormones, Tucson, AZ
1981	Medical Grand Rounds, National Naval Medical Center, Bethesda, MD
1982	International Workshop on Hormone Assays and Standard, NIH, Bethesda, MD
1982	Medical Grand Rounds, George Washington Medical Center, Georgetown University and NIH, Bethesda
1983	Visiting Professor in Endocrinology, Fitzsimmons Army Medical Center, Aurora, CO
1983	Geisinger Clinic, Danville, PA
1983	American Thyroid Association Annual Meeting, Sept. 1983
1983	Wayne State University Thyroid Symposium, Detroit, MI
1984	Van Meter Address, American Thyroid Association, New York, NY
1984	American College of Physicians Regional Meeting, San Francisco, CA
1984	Guthrie Clinic, Sayre, PA
1984	Beth Israel Hospital, Boston, MA
1985, 1987, 1998	Johns Hopkins Medical Center, Baltimore, MD
1985	Young Investigators Award Address, American Federation of Clinical Research, Baltimore, MD
1986	Medical College of Virginia
1992	Graves' Ophthalmopathy Symposium, Washington Hospital Center, Washington, DC
1988	Visiting Professor, Dalhousie University, Halifax, Nova Scotia, Canada
1991	Visiting Professor, Montreal General Hospital, McGill University, Montreal, Quebec, Canada
1991	Medical Grand Rounds: George Washington University Medical Center, Washington, DC

1991 Visiting Professor, Amuel Haines, Lectureship, Mayo Clinic, Rochester, MN

1991 Invited Speaker, Autoimmune Thyroid Symposium, Montreal, Canada

1992 Invited Speaker, The Royal College of Physicians and Surgeons of Canada, Canadian Society for Endocrinology and Metabolism, Annual Meeting, Ottawa, Canada

1992 Invited Speaker, Northern Virginia Institute for Continuing Medical Education Conference

1993 Immunology Council, Johns Hopkins University Medial Center, Baltimore, MD

1993 University of Michigan Medical Center, Ann Arbor, MI

1993 Geisinger Clinic, Danville, PA

1993 - 2005 NIH Endocrine Board Review Course

1997 - 2003 Endocrine Society Board Review Course

1994 Thyroid Workshop, Portsmouth, VA

1995 Thyroid Workshop, Boston, MA

1996 Endocrine Course, Charlotte, NC

1997 Endocrine Course, Charleston, SC

1998 Endocrine Course, Milwaukee, WI

1999 North Atlantic Endocrine Society, Bar Harbor, ME

1999 Beth Israel Medical Center, New York, NY

1999 Abington Memorial Hospital, Philadelphia, PA

2000 University of Maryland, Bethesda, MD

2000 Georgetown University, Washington, DC

2001 Beebe Medical Center, Dewey DE

2001 Princeton Medical Center, Princeton, NJ

2001 University of Virginia, Charlottesville, VA

2001 Walter Reed Army Medical Center, Washington, DC

2003 East Carolina University, Greenville, NC

2003 Brown University, Providence, RI

2003 Moses Nussbaum Lectureship, Beth Israel Hospital, NY,NY

2003 Abbott Lecture, Sinai Hospital, Baltimore, MD

2004 American Thyroid Association, Vancouver Canada

2005 American Association of Clinical Endocrinologist, Washington, DC

2005 Ohio State University, Columbus, OH

2005 Marshall University, Huntington, WV

2005 Dartmouth University, Hanover, NH

**Reviewer:**

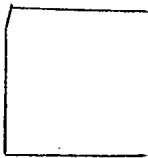
American Journal of Physiology  
 Annals of Internal Medicine  
 Achieves of Internal Medicine  
 Autoimmunity  
 Endocrinology  
 Immunology & Immunopathology  
 International Journal of Obesity  
 Journal of the American Medical Association  
 Journal of Clinical Endocrinology and Metabolism

Journal of Clinical Investigation  
Journal of Clinical Pharmacology  
Journal laboratory and Clinical Medicine  
Mayo Clinic Proceedings  
Metabolism  
Thyroid  
American Journal of Physiology  
Clinical Endocrinology  
Cancer Control: Journal of the Moffitt Cancer Center.

**Editorial Board:**

Journal of Clinical Endocrinology and Metabolism, January 1980 - December 1984;  
January 00-04  
Thyroid, 1991 - Present  
Endocrinology and Metabolism, 1995 - 1999

**Selected Community Activities:**



**Abstracts:**

1. Burman KD, Klachko D, Senhauser DD, Burns TW, Sharp CG. Hashimoto's Thyroiditis Associated with an Unusual Pattern of Thyroid Autoantibodies. Clinical Research XVIII, p. 256, 1970.
2. Burman KD, Fox JD, Earll JM, Wartofsky L. Sources of Increasing Serum T3 in Newborn Sheep. American Thyroid Association, Inc. 50th Meeting, September 1974. Endocrinology (Suppl) 93:T-21, 1974.
3. Burman KD, Yeager H, Briggs B, Wartofsky L. Resin Hemoperfusion: A Potential New Treatment for Thyroid Storm, The Seventh International Thyroid Association Meeting, Abstract 93, June 1975, Boston, MA.
4. McGuire RA, Burman KD, Wartofsky L, Berman M. Compartmental Models for Maternal, Fetal, and Amniotic Fluid Transfer of Iodine, Triiodothyronine and Thyroxine in the Pregnant Sheep. Endocrine Society Meeting, Abstract 142, June 1975.
5. Burman KD, Read J, Wright FD, Earll JM, Wartofsky L. Thyroid Function in Amniotic Fluid. American College of OB-GYN Meeting, May 1976.
6. Burman, KD, Dimond RC, Earll JM, Wartofsky L. Sensitivity to Lithium in treated Graves' Disease. Presented at American College of Physicians Meeting, April 1976.

7. Boehm TM, Burman, KD, Wartofsky L. Synergistic Effects of Lithium and Iodine in the Treatment of Hyperthyroidism. Endocrine Society Meeting, 618, June 1976.
8. Burman, KD, Dimond RC, McGuire RA, Earll JM, Strum D, Wartofsky L. The Effect of Varying Serum T4 Concentrations on Extra thyroidal Production of T3, Reverse T3, and 3-3' Diiodothyronine. Clinical Research 24:270, 1976.
9. Burman, KD, Strum D, Dimond RC, Djuh YY, Earll JM, Wartofsky L. A Radioimmunoassay for 3,3' T2. Program 52nd Annual Meeting, American Thyroid Association Toronto. Endocrinology 98:7-17, 1976.
10. Smallridge RC, Wartofsky L, Desjardins RE, Burman, KD. Reverse T3 Production Rates in Thyrotoxic, Euthyroid and Hypothyroid Subjects. Clinical Research 25: 302A, 1977.
11. Becker RA, Wilmore DW, Johnson DW, Burman, KD, Wartofsky L. Alterations in Peripheral Thyroid Economy and Pituitary Responsiveness in Thermally Injured Man. Clinical Research 26:14A, 1978.
12. Becker RA, Johnson BW, Wilmore DW, Burman, KD, Wartofsky L, Woeber KA. Alteration in Serum T3 and Reverse T3 in Thermal Injury. Clinical Research 24:270A, 1976.
13. Georges LP, Burman, KD, Czerwinski C, Sode J, Wartofsky L. The Effect of Sedation and Awakening on Peripheral Thyroid Hormone Levels in the Subhuman Primate. Clinical Research 25:13A, 1977.
14. Wannemacher RW, Dinterman RE, Burman, KD, Wartofsky L. The Possible Role of Thyroid Hormone in Regulating the Rates of Protein Degradation in Skeletal Muscle. Federation Proceedings 37:1315, 1978.
15. Wray HL, Burman, KD, Smallridge RC, Alford JP, Wartofsky L. Effects of T3 and Reverse T3 Administration on Serum Tri-, Di-, and Monoiodothyronines in Sheep. Federation Proceedings 37:519, 1978
16. Smallridge RC, Wartofsky L, Dimond RC, Burman, KD. 3', 5'-diiodothyronine and 3'-monoiodothyronine: Development of Radioimmunoassays and Demonstration of in Vivo Peripheral conversion. Annual Endocrine Society Meeting, June 1978, Abstract 102.
17. Glass AR, Mellitt R, Burman, KD, Swerdoff RS, Wartofsky L, Fisher DA. Effect of Dietary Composition on Serum T4 and T3 in Rats. Clinical Research 26:283A, 1978.
18. Wray HL, Burman, KD, Alford JP, Wartofsky L. Effect of T3 and rT3 Administration on Plasma CAMP and GMP in Sheep. Clinical Research 26:16A, 1978.
19. O'Brian JT, Bybee D, Wartofsky L, Georges LP, Burman, KD. Altered Peripheral Thyroid Hormone Metabolism and Diminished Hypothalamic Pituitary Responsiveness with Changes in Dietary Composition. Clinical Research 26:310A, April 1978.
20. Latham KR and Burman, KD. Physiologic and Chromatographic Evidence for Separate T3 and T4 Receptors. American Thyroid Association, September 1978.

21. Smallridge RC, Ward K, Wartofsky L, Burman, KD. 3,5-T<sub>2</sub> to 3-T<sub>1</sub> Conversion in Rat Liver and Solubilization of Multiple Phenolic Ring Deiodinases. American Thyroid Association, September 1978.
22. Bybee D, Taub M, Burman, KD, Wartofsky L, Georges LP, O'Brian JT. The Effect of Hypocaloric Carbohydrate Feeding on Central and Peripheral Thyroid Hormone Regulation. *Clinical Research* 26:611, 1978.
23. Burman, KD, Djuh YY, Kesler P, Wartofsky L. The Effect of T<sub>4</sub> Administration on Hepatic Conversion of T<sub>4</sub> to T<sub>3</sub> in States of altered Carbohydrate Economy. Annual meeting of Endocrine Society, Miami, Florida, Abstract 327, June 1978.
24. Zwillich C, Martin B, Rose E, Charles A, Hofeldt F, Burman, KD. The Effects of Dense Beta Sympathetic Blockade on Metabolic Rate and Thyroid Function in Normal Man. *Clinical Research* 27:263A, 1979.
25. Wannemacher RW, Dinterman RE, Burman, KD, Wartofsky L. Thyroid Hormone: A Regulator of Protein Degradation in Skeletal Muscle. 11th International Congress of Biochemistry, Toronto, Canada, 8-13, July 1979.
26. Burman, KD, Smallridge RC, Jones L, Ramos EA, O'Brian JT, Wright FD, Wartofsky L. Glucagon Kinetics in Fasting: A Metabolic Event Associated with Physiologic Alterations in Serum T<sub>3</sub>. *Clinical Research* 27:284A, 1979.
27. Burman, KD, Smallridge RC, Osburne R, Dimond RC, Whorton NE, Kesler P, Wartofsky L. Nature of Suppressed TSH Secretion During Undernutrition: Effect of Fasting and Refeeding on TSH Responses to TRH infusion. *Clinical Research* 27:248, 1979.
28. Smallridge RC, Latham KR, Ward KE, Wartofsky L, Burman, KD. Conditions Affecting 3, 5'-diiodothyronine (3, 5-T<sub>2</sub>) to 3'-monoiodothyronine (3-T<sub>1</sub>) Conversion: Evidence for an Enzyme Separate from Thyroxine (T<sub>4</sub>) and Reverse T<sub>3</sub> (rT<sub>3</sub>) 5'-deiodinase. *Clinical Research* 27:260A, 1979.
29. Latham KR, Smallridge RC, Tseng YL, Burman, KD, Wartofsky L. Nuclear Thyroid Hormone Receptors in Heart and Liver: Long-term Effect of Hypo and Hyperthyroidism. *Clinical Research* 27:255A, 1979.
30. Pangaro L, Smallridge RC, Cahnmann HJ, Wright FD, Burman, KD. Development of a Radioimmunoassay for 3,5-T<sub>2</sub> and demonstration of Conversion from T<sub>3</sub>. Endocrine Society Poster Session, Los Angeles, California, June 1979.
31. Burman, KD, Latham KR, Djuh YY, Smallridge RC, Tseng YC, Lukes YG, Maunder R, Wartofsky L. Solubilized Nuclear T<sub>3</sub> and T<sub>4</sub> Receptors in Circulating Human Mononuclear Cells: Evidence for Increased Maximum Binding Capacities in Fasted Obese Subjects. Presented at the Endocrine Society, Los Angeles, California, June 1979.
32. Osburne RC, Bybee DE, O'Brian JT, Burman, KD, Wartofsky L, Georges LP, Sensitivity of the Hypothalamic pituitary Axis to Triiodothyroxine in the Underfed State. *Clinical Research*, January 1980.



33. Smallridge RC, Smith CE, Wright FD, Wartofsky L. Metabolic Clearance and Production Rates of  $3^5T_2$  in Hyper- and Hypothyroidism. Comparison of Infusion Using labeled Versus Unlabeled Hormone. 61st Annual Meeting of the Endocrine Society Anaheim, California, Abstract 74, 13-15, June 1979.
34. Burman, KD and Wartofsky L. The Effect of Dexamethasone, and Diet in Hepatic  $T_3$  Murine Receptors. Thyroid Foundation Seminar, Tucson, Arizona, October 1980.
35. Burman, KD, Djuh YY, Latham KR, Wartofsky L. White Cell  $T_3$  Receptors Decrease in Critical Illness. Clinical Day, Annual Thyroid Association Meeting, San Diego, California, 5 November 1980.
36. Bongionvanni R, Burman, KD, Boehm T. Measurement of Iodothyronines by HPLC. Annual Thyroid Association Meeting, San Diego, California, November 1980.
37. Chernow B, Burman, KD, Johnson DL, O'Brian JT, Wartofsky L, Georges LP. Iodothyronines Bi-directional Transfer Across the Blood Brain Barrier. Clinical Meeting, San Diego, California, 5 November 1980.
38. Hay ID, Jiang NS, Burman, KD, Gorman CA. Inner Versus Outer Ring Monodeiodination of Orally Administered D- or L-thyroxine in man. Clinical research, May 1981.
39. Rajagopal KR, Derderian SS, Jabbari B, Burman, KD, Hunt KK. Obstructive Sleep Apnea in Hypothyroidism. American Thoracic Society, 1981.
40. Borst GC, Premachandra BN, Osburne RC, Burman, KD, Johnsonbaugh RF. Euthyroid Familial Hyperthyroxenemia Due to an Abnormal Thyroid Hormone-Binding Protein. Endocrine Society, 1981.
41. Fear W, Burman, KD, Wartofsky L, Latham KR. Acetylase Activity in Rat Liver Nuclei in Euthyroid, Hyperthyroid and Hypothyroidism. American Thyroid Association, September 1981.
42. Pangaro L, Little J, Gerris B, Burman, KD. Modulation of Plasma Membrane Thyroid Hormone Receptors. American Thyroid Association, September 1981.
43. Glass AR, Smallridge RC, Vigersky R, Burman, KD. High Serum  $T_3$  in Nephrotic Syndrome: A Reflection of Increased  $T_4$  Availability? Clinical Research 1982.
44. Smallridge RC, Whorten NE, Burman, KD, Ferguson EW. Effect of Physical Conditioning and Acute Exercise on Serum  $T_4$ ,  $rT_3$ , TSH and PRL Responses to TRH in Man. Endocrine Society, June 1982.
45. Borst GC, Burman, KD, Osburne RC, Georges LP, O'Brian JT. Effect of Fasting in TRH Responsiveness in Hypothyroidism. Military Society of Endocrinology. San Francisco, June 1982 and American Thyroid Association Meeting, Quebec, Canada, September 1982.

46. Burman, KD, Wartofsky L, Smallridge RC. Iodate Restores the Fasting Induced Decrement in TSH Secretion. European Thyroid Association, Brussels, Belgium, September 1982.
47. Wartofsky L, DeRuyter H, Smallridge RC, Burman KD. Thyrotropin Secretion in Starved Rats is Enhanced by Somatostatin Antiserum. European Thyroid Association, Brussels, Belgium, September 1982.
48. Chernow B, Zaloga G, Burman KD, Quinn A, Rainey T, Zajtchuk R. Chariopulmonary Bypass Surgery Rapidly Alter Thyroid Function. *Clinical Research* 31:257, 1983.
49. Chernow B, Zaloga G, Burman KD, chin R, Zajtchuk R. Diagnostic Dosages of TRH Raise Blood Pressure by a Noncatecholamine Mechanism. *Clinical Research* 31:257, 1983.
50. Glass AR, Vigersky RA, Burman KD. Divergent Effects of Nephrotic Syndrome on Metabolic Clearance Rate of T4 and T3 in Rats. *Clinical Research* 31:470, 1983.
51. Michenfelder J, O'Brian JT, Burman KD, Georges LP. The Influence of Thyroid Hormone in the Excretion of Catecholamines and their Metabolites during Semi-Starvation. Annual Air Force Physicians Meeting, San Antonio, TX, March 1983.
52. O'Brian JT, Michenfelder J, Burman KD. The Effect of Cold Climate upon T4, T4 and TSH Responses to TRH. Annual Air Force Physicians Meeting. San Antonio, TX, March 1983.
53. Baker J, Lukes YG, Smallridge RC, Burger M, Burman KD. A Sensitive and Rapid Enzyme-linked Ammuno-sorbent Assay (ELISA) for Thyroid Stimulating Hormone Receptor Antibodies. *Clinical Research* 269, 1983.
54. Chernow B, Zaloga GP, Burman KD, Chin R, Zajtchuk R, Rainey TG, Lake CR. Diagnostic Dosages of TRH Raise Blood Pressure by a Non-catecholamine Mechanism. Society of Critical Care Medicine Annual Meeting, New Orleans, LA, June 1983.
55. Burman KD, Djuh YY, Ferguson RW, Wartofsky L, Latham KR. Beta Receptors in Peripheral Mononuclear Cells Increase Acutely during Exercise. Endocrine Society, San Antonio, TX, Abstract 472, June 1983.
56. Baker JR, Lukes YG, Burman KD. Class of Antibodies Binding the Thyroid Stimulating Hormone Receptor in Active Graves' Disease. Submitted to the American Thyroid Association presentation, Abstract 3, Sept. 1983,
57. Burman KD, Djuh YY, Baker JR. Circulating Beta Ligand Antibodies in Auto-immune Thyroid Disease. American Thyroid Association Annual Meeting, poster, Abstract 65, Sept. 1983.
58. Reed HL, Burman KD, George P, O'Brian JT. Thyroid Economy in cold Adaptation of Euthyroid Volunteers. *Endocrinology* 112:A1150, 1983.
59. Reed HL, Burman KD, Shakir KMM, O'Brian JT. Reduced Effect of Oral T3 on TSH Response to TRH after Antarctica Cold Exposure. *Clinical Research* 32:689, 1984.

60. Raines KB, Baker Jr.JR, Lukes YG, Burman KD. Functional Characterizations of Anti-Thyrotropin Antibodies in the Sera of Graves' Patients. American college of Physicians Annual Meeting, Atlanta, GA, April 1984.
61. Baker Jr JR, Lukes YG, Burman KD. Production, Isolation and Characterization of Anti-idiotypic Antibodies Directed against Human Anti-TSH Receptor Antibodies. Clinical Research, May 1984.
62. Chernow B, Snyder R, Zaloga GP, Burman KD. Angiotensin-Converting Enzyme Activity and Thyroid Function Decrease Acutely in Critical Illness. Clinical Research, 32:253A, 1984.
63. Zaloga GP, Chernow B, Zajtchuk R, Hall K, Hargraves R, Burman KD, Smallridge R, Lake CR. Critical Illness Decreases Thyrotropin Responsiveness to Thyrotropin-releasing Hormone - A Potential Cause of Misinterpretation of Thyroid Function Tests in Critically Ill Patients. Critical Care Medicine, 12:235, 1984.
64. Burman KD, Smallridge RC, Wartofsky L. Iodide Administration Enhances Thyrotropin Responsiveness to TRH During Fasting: Evidence for Normal Pituitary Feedback Regulation. 7th International congress of Endocrinology, Quebec, Canada, A538, July 1984.
65. Burman KD, Luke Y, Wartofsky L, Djuh Y, Baker J Jr. Preparation of Biotinylated Receptor-Purified Graves' IgG: A Simple Technique Allowing Direct Functional Assessment of TSH Receptor Antibody Interaction with Membranes. Satellite Symposium, 7th International Congress of Endocrinology, Journal of Steroid Biochemistry, 20:L-29, June 1984.
66. Baker J Jr., Wright C, Sadoff J, Burman KD. The Development of Monoclonal Antibodies Directed against Anti-TSH Receptor Antibodies. Satellite Symposium, 7th International Congress of Endocrinology, Quebec, Canada, Journal of Steroid Biochemistry, 20:L-30, June 1984.
67. Burman KD, Baker Jr JR., Lukes YG, Djuh YY, Peters JB, Grandlund D, Dembrow D, Wartofsky L. Characterization of a Monoclonal Antibody Developed against the TSH Receptor. The American Thyroid Association, Sixtieth Meeting, New York, NY, T-25, Sep 1984.
68. Baker Jr JR, Raines KB, Lukes YG, Burman KD. Anti-TSH Antibodies in the Sera of Graves' Patients Which Display Anti-Idiotypic Activity against TSH Receptor Purified Graves' IgG. The American Thyroid Association, Sixtieth Meeting, New York, NY, T-37, Sep 1984.
69. Hennessey JV, Burman KD, Wartofsky LW. Equivalency of Two Brand Name L-thyroxine Preparation. Association of Military Physicians, Dayton, OH, Mar 1985.
70. Baker JR, Engler RJM, Burman KD, Djuh Y. Beta-adrenergic Binding Antibodies (BLA) in Adult, Steroid Dependent Asthmatics. Presented to American Academy of Allergy and Immunology, 1985.

71. Zuker a, Chernow B, Fields AI, Hung W, Burman KD. Evaluation of Thyroid Function in Critically Ill Children. Critical Care Medicine Meeting, 1985.
72. Baker Jr JR., Wartofsky L, Wortsman J, Burman KD. TSH Receptor Antibody and Anti-idiotypic Antibody Containing Immune Complexes in Graves' Disease. Clinical Research, 33:307A, 1985.
73. Weetman AP, Volkman DJ, Burman KD, Margolick JB, Petrick P, Weintraub B, Fauci AS. Induction of Ia Antigens on Thyroid Cells and Autoantigen Presentations in Graves' Disease. Clinical Research, 33:391A, 1985.
74. Glass AR, Anderson J, Burman KD, Decreased Serum Triiodothyronine (T3) in Underfed Rats: Adaption to Chronic Calorie Deficiency. Clinical Research, 33:307A, 1985
75. Sack J, Baker Jr JR., Wartofsky L, Weetman AP, Volkman D. Margolick J, Burman KD. Natural Killer Cells in Hashimoto's Thyroiditis. Endocrine Society Program, Abstract 724, 1985.
76. Sack J, Baker Jr JR., Weetman AP, Wartofsky LW, Burman KD. The Role of Antibody Dependent Cytotoxicity and natural Killer Cells in Hashimoto's Disease. Presented at International Thyroid Meeting, Sao Paolo, Brazil, Sept., 1985
77. Whorton NE, Burman KD, Smallridge RC. Angiotensin-Converting Enzyme Activity, Reduced in Fasted Human, is not Corrected by T3 Administration. Endocrine Society, Abstract 1316, 1985.
78. Baker JR, Saunders, NB, Burman KD. Human Monoclonal Antibodies Derived from Peripheral blood Lymphocytes of Graves' Disease Patients which Inhibit both TSH and Graves' IgG-mediated production of CAMP. Clinical Research. 34:433A, 1986.
79. Sack J, Burman KD, Dwyer D, Zilberstein D. Thyrotropin-binding Proteins in Leishmania: Serum Antibodies in Patients with Auto-immune Thyroid Disease Directed Against Specific Parasite Membrane Antigen. Clinical Research 34:433A, 1986.
80. Baker JR, Wartofsky L, Burman KD. Mouse Monoclonal Antibodies to Human Thyrocyte Membrane Proteins which Augment both TSH and Graves' IgG-mediated Production of Cyclic Adenosine Monophosphate (CAMP). Clinical Research 34:421A, 1986.
81. Miller FW, Baker Jr JR., Burman KD, Steinber AD. Thyroid-stimulating and Thyrotropin binding-inhibiting Immunoglobulins in Patients with Systemic Lupus Erythematosus (SLE). Proceedings of the International Congress of immunology, Toronto, July 1986.
82. Tseng Y-C, Burman KD, Baker JR, D'Avis J, Wartofsky L. Intrinsic Abnormality of Thyroid Cells from a Broddingnagian Goiter. Endocrine Society Meeting, Abstract 834, 1986.
83. Sack J, Zilberstein D. Barile MF, Wartofsky L, Dwyer D, Burman KD. Characterization of Thyrotropin binding Proteins in Mycoplasma: Serum Antibodies Directed against a

- Specific Mycoplasma Membrane Determinant in Patients with Auto-immune Thyroid Disease. Endocrine Society Meeting, Abstract 834, 1986.84. Ahmann A., Baker JR, Weetman AP, Wartofsky L, Nutman T, Burman KD. Serum Immunoglobulins in Patients with Graves' Ophthalmopathy Directed against Unique Determinants in Porcine Eye Muscle. Clinical Research 34:420A, 1986.
84. Weetman AP, Nutman TB, Burman KD, Smallridge RC. Sustained Thyroid Autoimmunity in Subacute Thyroiditis (SAT). Fifth Joint Meeting of British Endocrine Societies, 1986 and European Thyroid Association, Stockholm, June 1986.
  85. Weetman AP, Smallridge RC, Hayslip C, Burman KD. Multiple Autoantigenic Determinants in Thyroid Autoimmunity. International Symposium, Thyroid Autoimmunity, Pisa, Italy, November 1986 and European Thyroid Association, Stockholm 1986.
  86. Weetman AP, Baker J, Burman KD. Thyroid Autoantigen Heterogeneity Demonstrated by Immunoblotting. Medical Research Society Meeting, Clinical Science. June 1987
  87. Johnson K, Rinke W. Burman KD. Comparison of Circumference, Skinfold, Bioelectrical Impedance and Hydrodensitometry to Estimate Percent Body Fat during Weight Loss. FASEB Meeting, Spring 1987.
  88. Reed HL, Bryce D, Shakir KM, Burman KD, O'Brian JT. Human Thyroidal and Cardiovascular Responses to Prolonged antarctic Residence. Federation Proceedings 46:332, 1987.
  89. Kikendall JW, Burman KD, Johnson LF. Esophageal Function in Early Hypothyroidism. American Gastroenterology Association, 1987.
  90. Burman KD, Djuh YY, LaRocca RV, Israel MA, Nunes ME, D'Avis JC, Nicholson DE, Helman LJ, Wartofsky, L. C-myc Expression in Normal, Adenomatous, and Cancerous Thyroid Tissue. Presented at American Thyroid Association National Meeting and Abstract, Washington, DC, Sept 1987
  91. Tseng YC, Burman KD, D'Avis JC, Lahiri S. And Wartofsky L. Thyrotropin Enhances Epidermal Growth Factor Receptor in Intact Human Thyroid Cells. Endocrine Society 70th Annual Meeting, New Orleans, LA, June 1988.
  92. Ahmann AJ, Tseng YC, Burman KD, Sellitti DF, Wartofsky L. [<sup>125</sup>I] - Antriopeptin Binding to Cultured Porcine Thyrocytes: Influence of Iodine and Thyrotropin. 70th Annual Meeting Endocrine Society, New Orleans, LA, June 1988.
  93. Baker Jr JR., Solomon BL, Saunders NB, Burman KD. The Failure of Immunotherapy using Intravenous IgG (IVIgG) to Alter the Hyperthyroidism of Graves' Disease. Clinical Research 36:382A, 1988.
  94. Baker Jr JR., Saunders NB, Burman KD. A Single Human Monoclonal Antibody Derived from Lymphocytes of a Graves' Disease (GD) Patient with Activity of TBII, TSI and TGSI. Clinical Research 36:389A, 1988.

95. Reed HL, Kowalski K, Shakir KM, Burman KD, O'Brian JT, Lewis RB. Multiple Cold Air Exposures Elevate Serum Total and Low Density Lipoprotein Cholesterol in Euthyroid Men. *Clinical Research* 36:389A, 1988.
96. Tseng YL, Schaudies RP, Ahmann A, D'Avis J, Geelhoed GW, Burman KD, Wartofsky L. Effects of Epidermal Growth Factor (EGF) on Thyroglobulin (TG) and Cyclic AMP Production by Human Thyrocytes in Long-Term Cultures, American Thyroid Association Annual Meeting, Abstract 114, 1988.
97. Burman KD, Djuh YY, Kesler P, Baker JR, D'Avis JC. Analysis of Epidermal Growth Factor Receptor Gene (ERB-B) in Thyrocytes from Patient with Thyroid Disorders. 70th Annual Meeting Endocrine Society, New Orleans, LA, June 1988.
98. Burman KD, Djuh YY, Kesler P, Baker JR, D'Avis JC. Analysis of Thyroid Hormone Receptor Gene (c-erb A Beta) in Thyrocytes from Patient with Thyroid Disorders. Presented at 71st Annual Meeting Endocrine Society, Seattle, WA, June 1989.
99. Baker Jr., JR, Saunder NB, Polly SN, Landry F, Stricker RB, Burman KD. Identification of Thyroid Histones as Auto-Antigens Using Human Monoclonal Antibodies. *Clinical Research* 37:356A, 1989.
100. Polly SN, Saunders NB, Marry K, Stricker RB, Burman KD, Baker Jr., JR. Evaluation of the Binding characteristics of human Monoclonal Antibodies Directed Against Histones. *Clinical Research* 37:588A, 1989.
101. Tseng YL, Lahiri S, Sellitti DF, Burman KD, Wartofsky L. Atrial Natriuretic Peptide Inhibits Thyroglobulin Secretion from Human Thyroid Cells by Affinity Cross-Linking. 64th Annual Meeting, American Thyroid Association, San Francisco, CA, September 1989.
102. Tseng YL, Sellitti DF, Burman KD, Wartofsky L. Characterization of a Receptor for Atrial Natriuretic Peptide in Human Thyroid Cells by Affinity Cross-Linking. 64th Annual Meeting, American Thyroid Association, San Francisco, CA, Sept 1989.
103. Baker Jr., JR, Saunders NB, Stricker RB, Burman KD. Unusual Cytoplasmic Nucleoproteins are Autoantigens in Graves' Disease (GD). *American Federation Clinical Research*, 1989.
104. Fein HG, Burman KD, Djuh YY, Usala SJ, Smallridge RC. Linkage between the Syndrome of Generalized Thyroid Hormone Resistance (GTHR) and the Human C-erbA Gene is Present in Multiple Kindreds. American Thyroid Association, San Francisco, CA, Abstract 1, Sept 1989.
105. Burch HB, Lukes YG, Cai WY, Carr FE, Wartofsky L, Burman KD. A Novel Approach to the Identification of Uniquely Expressed Genes in Graves' Disease Thyroid Tissue. *Clinical Research* 38:264A, 1990.
106. Solomon B, Wartofsky L, Burman KD. Cholestyramine Treatment of Thyrotoxicosis. Endocrine Society, Abstract 329, June 1990.

107. Humphrey M, Mosca J, Baker JR, Drabick J, Carr FE, Burke D, Wartofsky L, Burman KD. Search for Retroviral DNA Sequences in Genomic DNA Isolated from Patients with Graves' Disease. *Clinical Research* 38:383A, 1990.
108. Peele M, Carr FE, Baker JR, Wartofsky L, Burman KD. Thyrotropin Gene Expression in Human Lymphocytes. *Clinical Research* 38:296A, 1990.
109. Hicks KA, Tseng YL, Lahiri S, Burman KD, D'Avis JC, Sellitti D, Wartofsky L. Thyrotropin Augments Internalization of the Atrial Natriuretic Peptide Receptor Complex in Thyrocytes. *Endocrine Society, Abstract 729, June 1990.*
110. Burman KD, Djuh YY, Nicholson D, Fein H, Usala S, Bradley WEC, Berard J, Wartofsky L. Identification of a Unique Mutation in Affected Members of a Family with the Syndrome of Generalized Thyroid Hormone Resistance. *Endocrine Society Meeting, Washington, DC, Abstract 848, June 1991.*
111. Nagy E, Burch H, Burman KD. TSH Reduces PHA Induced Lymphocyte Proliferation In Vitro. *Endocrine Society Meeting, Washington, DC, Abstract 1232, June 1991.*
112. Jackson S, Tseng YL, Lahiri S, D'Avis JC, Burman KD, Wartofsky L. Endothelin and the Thyroid: Tissue Receptors and Clinical Correlates. *Clinical research* 39:207A, April 1991.
113. Nagy E, Burch HB, Lukes YG, Burman KD. Investigations concerning an Immunogenic Epitope of the Human TSH Receptor. *American Thyroid Association annual Meeting, Boston, MA, Abstract 63, Sept. 1991*
114. Burman KD, Lukes YG, Gemski P. Molecular Homology between the Human TSH Receptor and Yersinia Enterocolitica. *American Thyroid Association Annual Meeting, Boston, MA, Abstract 122, Sept. 1991.*
115. Haibach H, Burns TW, Carlson HE, Burman KD, Deftos LJ. Cowden's Disease Associated with Merkel Cell Carcinoma and Renal Cell Carcinoma. *Clinical Research* 39:704a, October 1991.
116. Nagy EV, Burch HB, Lukes YG, Burman KD. Lymphocyte Responsiveness to Immunogenic Peptides of the Human TSH Receptor. *Endocrine Society Annual Meeting, Abstract 446, San Antonio, TX, June 1992*
117. Soloman B, and Burman KD. The Prevalence of Bone Fractures in Women with Thyroid Disease. *Endocrine Society Annual Meeting, Abstract 424, San Antonio, TX, June 1992.*
118. Coffey L, Burman KD. Predicting Energy Expenditure Women with Gestational Diabetes Mellitus. *Submitted, March 1992.*
119. Nagy EV, Burman KD. Graves' IgG Recognizes Linear Epitopes in the Human Thyrotropin Receptor. *American Thyroid Association Annual Meeting, Rochester, MN, September 1992, Abstract 128.*
120. Burch HB, Sellitti D, Nagy E, Burman KD. Immunohistochemical Staining pattern of Human and Porcine Thyroid Cells with Sera Directed Against an Immunogenic

- Thyrotropin Receptor Peptide. American Thyroid Association Annual Meeting, Rochester, MN, Abstract 126, Sept. 1992.
121. Burch HB, Barnes S, Sellitti D, Nagy E, Burman KD. Graves' Retroocular Fibroblasts Contain Protein Which is Immunogenically Related But not Identical to the Thyrotropin Receptor. 75th Annual Meeting, Endocrine Society, Las Vegas, NV, Abstract 131, 1993.
  122. Bhatia SK, Kuppers RC, Ross NR, Saboori AM, Burch HB, Nagy EV, Burman KD. Thyroglobulin Epitopes Involved in Autoimmune Thyroid Disease. 75th Annual Meeting, Endocrine Society, Las Vegas, NV, Abstract 1279, 1993.
  123. Burman KD. Issues in Management of Thyroid Cancer: Should Radioiodine Scans Still be Performed? Plenary Lecture, Endocrine Society, Las Vegas, NV, 1993.
  124. Solomon B, Wartofsky L, Burman KD. Management of Differentiated Thyroid Carcinoma: Results of a Survey of A.T.A. Members. Submitted, American Thyroid Association Annual Meeting, Tampa, FL, Abstract 67, Nov. 1993.
  125. Nagy EV, Burch HB, Burman KD. Unidirectional Shift of the Dominant T Cell Epitope in the Human Thyrotropin Receptor in Graves' Disease. Submitted, American Thyroid Association Annual Meeting, Tampa, FL, Abstract 114, Nov. 1993.
  126. Kalvaitis S, Burman KD, Pierce L, Buchly M, and Wartofsky L. Washington Hospital Center, Washington, DC. Successful treatment of a patient with thyroid storm: combined use of lithium, ipodate, cholestyramine and charcoa hemoperfusion. April 1995.
  127. Atwa MA, Smallridge RC, Gist ID, AboHashem MB, El-Kannishy MB and Burman KD. Effects of bradykinin and TSH on phospholipase C and A<sub>2</sub> systems in Retroocular fibroblasts obtained from patients with Graves' Ophthalmopathy. 11th International Thyroid Congress, Toronto, Canada, September 10-15, 1995.
  128. Ringel T, Taylor CE, Freter L, Diehl R, Howard R, and Burman KD. Hodgkin's Disease is associated with increased antibody cellular cytotoxicity against human orbital muscle cells (ADCC). 11th International Thyroid Congress, September 10-15, 1995, Toronto, Canada.
  129. Solomon RL, Cranston T, McDermott MT, ASP A, Burman KD. Treatment of Graves' Disease with Cholestyramine. The Endocrine Society, Washington, DC, January 1995.
  130. Ringel MD, Carr FE, Nicholson D, and Burman KD. Endogenous mutant p53 binds p53-specific binding sites and data binding protein in thyroid carcinoma cells. The Endocrine Society, Washington, DC, January 1995.
  131. Burman KD, Atwa M, Kiang JC, Gist ID, Rui L, Lahn R, Smallridge RC. Evidence for the involvement of protein kinase C (PKC) isoforms in the proliferation of retro ocular fibroblasts (ROF) obtained from patients with Graves' Ophthalmopathy. 10th International Congress of Endocrinology, Washington, DC, January 1996.
  132. Smallridge RC, Porter L, Burman KD, Cranston T, Tsokos GC and Solomon BL. Soluble interleukin-2 receptor (sIL2R) is an early response marker in the treatment of



- thyrotoxicosis. 10th International Congress of Endocrinology, Washington, DC, January 1996.
133. Torrens J, Bernet V, Mahoney K, Solomon B, Burman KD, Wartofsky L, Duncan W. Cycle etidronate increases lumbar spine bone mineral density (LS BMD) of women taking Levothyroxine. 10th International Congress of Endocrinology, Washington, DC, January 1996.
  134. Kalvaitis S, Burman KD, Perry D, Wartofsky L. Ret oncogene testing for medullary cancer: a clinically relevant advance. American College of Physicians, 1996 National Associates Competition, Clinical Vignette Paper Competition Winner, Philadelphia, PA.
  135. Tseng Y, Lahiri S, Nicholson D, Burman KD and Wartofsky L. Evidence of an association of endothelin-1 receptor expression to the active growth phase of the cell cycle and identification of endothelin-1 mRNA in FRTL5 cells. *Endocrinol & Metab*, 1996, 3, 37-47.
  136. Karl M, Ellahham S, Oskoui R, Wartofsky L and Burman KD. Thyrotoxicosis associated with rapidly reversible low-output heart failure and dilated cardiomyopathy. Poster presentation. 79th Annual Meeting of the Endocrine Society, Minneapolis, MN. June 1997.
  137. Lu R, Wartofsky L, Bahn R, Garrity J, Sutton BD and Burman KD. Role of oxygen free radicals in IL-1B-induced glycosaminoglycan production by retroocular fibroblasts from patients with Graves' Ophthalmopathy. Poster presentation. 79th annual Meeting of the Endocrine Society, Minneapolis, MN, June 1997.
  138. Rahmaniyan M, Burman, KD, Lando HM. Occurrence of an invasive papillary thyroid carcinoma in a hyperfunctioning nodule. Endocrine Society Annual Meeting. Poster
  139. Presentation. New Orleans, LA. June 1998.
  140. Prendiville S, Burman KD, Ringel MD, Shmookler BM, Deeb ZE, Wolfe K, Azumi N, Wartofsky L, Sessions RB. Prognostic implications of the tall cell variant of papillary thyroid carcinoma. Presentation. Annual meeting of Otolaryngology-Head and Neck Surgery, San Antonio, TX. September 1998.
  141. Lu R, PV Balducci-Silano, Ringel MD, Ress J, Bahn RS, Garrity J, Wartofsky L, Tsokos GC, Burman, KD. Modulation of Fas/Fas ligand expression in retro ocular fibroblasts from patient with Graves' Ophthalmopathy. Poster presentation at the Annual Endocrine Society, pp 3-205, June 1998.
  142. Gardner R, Tuttle R, Burman KD, Haddady S, Truman C, Wartofsky L, Sessions R, Ringel M. Intra thyroidal and extra thyroidal vascular invasion are associated with distant metastasis at diagnosis and tumor recurrence in papillary thyroid carcinoma. 71st annual Meeting of the American Thyroid Association, Abstract 171, September 1998.
  143. Ringel M, Balducci-Silano P, Tuttle R, Djuh Y, Anderson J, Burman KD, Wartofsky L, Silverman J, Kazarosyan M, Spencer c, Ladenson P, Levine M. Quantitative thyroglobulin RT-PCR detection of recurrent or residual thyroid carcinoma in patients

- with anti-thyroglobulin antibodies. 71st Annual Meeting of the American Thyroid Association, Abstract 169, September 1998.
144. Lu R, Balducci-Silano PL, Ringel MD, Vodovitz Y, Burman KD. Fas, Fas ligand expression and Fas-mediated apoptosis in human retro ocular fibroblasts. Endocrine Society Annual Meeting, 1-343, June 1999.
  145. Balducci-Silano PL, Lu R, Burman KD, Ringel MD, Thyroid cancer cells express Fas and Fas ligand but are resistant Fas-mediated apoptosis. Endocrine Society Annual Meeting, 1-589, June 1999.
  146. Ringel MD, Balducci-Silano PL, Anderson JS, Spencer CA, Silverman J, Sparling YH, Burman KD, Wartofsky L, Ladenson PW, Levine MA, Tuttle RM. Clinical evaluation of quantitative thyroglobulin PCR and immunoassay in 107 patients with thyroid cancer. Endocrine Society Annual Meeting, 2-718, June 1999.
  147. Suzuki K, Moriyama E, Mori-Aoki A, Katoh R, Royaux LA, Green RD, Kohn LD, Burman KD. Pendred syndrome gene, PDS, is an apical porter of iodide and its expression is tightly regulated by follicular thyroglobulin. Presented at the annual meeting of the American Thyroid Association, September 1999.
  148. Greenberg M, Chen X, Hayre N, Suzuki K, Saji M, Priebat D, Burman KD, Ringel MD. Cytotoxic activity of 2', 2'-difluorodeosycytidine (Gemcitabine) against poorly differentiated human thyroid carcinoma cells. Endocrine Society, 2000.
  149. Ringel MD, Daniels M, Hayre N, Burch H, Bernet V, Savnier B, Shuppert F, Wartofsky L, Burman KD, Kohn LD, Saji M. Over expression and over activation of AKT in thyroid carcinoma. Presented at the International Thyroid Congress, Kyoto, Japan October 2000.
  150. Ringel MD, Bernet V, Burch H, Schuppert F, Burman KD, Saji M. Overexpression of a Metastasis Inhibiting Receptor (Metastin Receptor) in Papillary, but not Follicular, Thyroid Carcinoma. American Thyroid Association, November, 2001
  151. Ringel MD, Hayre N, Saito J, Saunier B, Schuppert F, Burch H, Bernet V, Burman KD, Kohn LD, Saji M. Overexpression and Overactivation of Akt in Thyroid Carcinoma. American Thyroid Association, November 2001.
  152. Hayre N, Peck G, Nigra T, Bixby K, Saji M, Burman KD, Ringel MD. Detection of circulating malignant melanoma cells in peripheral blood by real-time PCR assay. American Academy of Dermatology, 2001.
  153. Chen XW, Saji M, Balducci-Silano P, Hayre N, Spencer CA, Burman KD, Ringel MD. Recombinant human thyrotropin stimulation of circulating thyroglobulin mrna in patients with thyroid cancer. American Thyroid Association, November 2001.
  154. Miyagi E, Saji M, Burman K, Singer D, Ringel MD. Stable expression of Ret/PTC 3 in FRTL-5 thyroid cells enhances basal and insulin-stimulated activation of Akt. American Thyroid Association November 2001.

155. Vaishnav Y, Anderson J, Adair C, Rheinhardt B, Saji M, Burman K, Burch H, Ringel MD, Bernet VJ. Is BAG-1 a useful molecular marker in the differentiation of thyroid cancer from benign thyroid nodules? American Thyroid Association, November 2001.
156. Otteson T, Burman K, Ringel M, Krishnan J. Proto-Oncogene Positivity in Medullary Thyroid Carcinoma, October 2002, Academy of Otolaryngology.
157. Stathatos N, Saji M, Vasko V, Burman KD, Ringel MD. Metastatin activation inhibits migration and growth of thyroid cancer cells in vitro. Endocrine Society Annual Meeting, Philadelphia, PA, 2003.
158. Burningham AR, Krishnan, J, Davidson BJ, Ringel MD, Burman KD. Papillary and Follicular Variant of Papillary Carcinoma of the Thyroid: Initial Presentation and Response to Therapy, October 2004, Academy of Otolaryngology.
159. Stathatos N, Bourdeau I, Saji M, Vasko V, Bauer A, Burman KD, Stratakis C, Ringel MD. Metastatin Receptor (GPR54) Activation inhibits Growth and Migration of Thyroid Cancer Cells and Increases Expression of Endogenous Akt and Calcineurin Inhibitors. Endocrine Society Presentation, June, 2004, New Orleans, LA.
160. Vasko V, Kato Y, Saji M, Cheng SY, Burman KD, Ringel MD. Selective Activation of Akt in Thyroid Cancers in TR beta pv/pv Mice. Endocrine Society Presentation, June, 2004, New Orleans, LA.
161. Ly T, Bhagati R, Jarrett J, Tran K, Burman K. Glucocorticoid Induced Osteoporosis: Implementation of Prophylaxis and Practice Patterns. May 2005, Submitted to *American College of Rheumatology*.
162. Diez JJ, Iglesias P, Burman KD. Spontaneous normalization of thyrotropin concentrations in patients with subclinical hypothyroidism. Endocrine Society, June 2005.
163. Atkins FB, Van Nostrand D, Kulkarni K, Burman K, Wartofsky L. The Frequency with which Empiric Amounts of Radioiodine “Over-” or “Under-” treat Patients with Metastatic Well-Differentiated Thyroid Cancer. *J Nucl Med* 2005;46:129P.
164. Vasko V, Hodak S, Russell R, Francis G, Saji M, Ringel M, Burman K. Cancer Cell-Cancer Cell Paracrine Interactions are Important for Thyroid Cancer Invasion. Submitted to Endocrine Society, January 2006
165. Kantorovich V, Coppotelli G, Krishnan J, Skarulis M, Celi F, Burman K. Expression of GLUT Transporters in Metastatic Thyroid Cancer and Correlation with PET Scan. Submitted to Endocrine Society, January 2006
166. Burman K, Seiboth, VanNostrand D, Wartofsky L, Jonklaas J. Analysis of the Role of PET/MRI Digital Fusion Images in Detection and Management of Recurrent of Persistent Thyroid Cancer. Submitted to Endocrine Society, January 2006

## Articles / Publications

1. Burman KD, Cunningham EJ, Klachko DM, Burns TW. Successful Treatment of Insulin Resistance with Dealinated Pork Insulin. *Missouri Medicine* 363-366, June 1973.
2. Burman KD, Cunnigham EF, Klachko DM, Bassoui WE, Burns TW. Factitious Hypoglycemia. *American Journal of the Medical Sciences* 266:23-32, 1973.
3. Burman KD, Broughton RE, Pflaum WK, Wartofsky L. Deiodination of <sup>131</sup>I Labeled Thyroxine in the Fetal Rat. *Proceedings Society Experimental Biology and Medicine* 143:1000-1007, 1973.
4. Burman KD, Warkel R, Wartofsky L. Solitary Autonomous Thyroid Nodules that Become "Cold." *D.C. Annals of medicine* 42:541-544, 1973.
5. Burman KD, Johnson MS, Earll JM, Wartofsky L. Clinical Observations on the Solitary Autonomous Thyroid Nodule. *Achieves Internal Medicine* 134:915-919, 1974.
6. Luzecky MH, Burman KD, Schulttz ER. The Syndrome of Inappropriate Secretion of Antidiuretic Hormone Due to Amitriptylene. *Southern Medical Journal* 67:495-497, 1974.
7. Burman, KD, Solitary Autonomous Thyroid Nodules. *Postgraduate Medicine* 56:70-74, 1974.
8. Burman KD, Adler RA, Wartofsky L. Hemiagenesis of the Thyroid Gland. *American Journal of Medicine* 58:143-146, 1975.
9. Burman KD. What's New for Diabetes. *Medical time* 103:123-138, 1975.
10. Burman KD, Wright FD, Earll JM, Wartofsky L. Evaluation of a Rapid and Simple Technique for the Radioimmunoassay of Triiodothyronine. *J Nucl Med* 16:662-665, 1975.
11. Burman KD, Yeager H, Briggs W, Wartofsky L. Resin Hemoperfusion: A Potential New Treatment for Thyroid Storm. *Thyroid Research*, 1975. *Excerpta Medica*, Amsterdam, 437-440, 1976.
12. Burman KD, Dimond RC, Noel GN, Earll JM, Frantz AG, Wartofsky L. Klinefelter's Syndrome: Examination of Thyroid Function and TSH and PRL Responses to Thyrotropin Releasing Hormone Prior to and After Testosterone Administration. *J Clin Endocrinol Metab* 41:1161-1166, 1975.
13. Burman KD, Dimond RC, Earll JM, Wright FD, Wartofsky L. Sensitivity to Lithium in Treated Graves' Disease: Effects on T3, T4, and Reverse T3. *J Clin Endocrinol Metab* 43:606-613, 1976.
14. Burman KD, Yeager H, Briggs E, Wartofsky L. Resin Hemoperfusion: A Method of Removing Circulating Hormones. *J Clin Endocrinol Metab* 42:70-78, 1976.

15. Burman KD, Monchik J, Earll JM, Wartofsky L. Total and Ionized Calcium and Parathyroid Hormone in Hyperthyroidism. *Ann Int Med* 84:668-671, 1976.
16. Burman KD, Read J, Dimond RC, Strum D, Wright FD, Patow W, Earll JM, Wartofsky L. Thyroid Hormone Parameters in Human Amniotic Fluid and in Cord and Maternal Serum. L Measurements of 3, 3'5'-L-triiodothyronine (Reverse T3), 3,3'-L-diiiodothyronine (3,3'T2), 3,5,3"-triiodothyronine (T3), Thyroxine (T4), Dialyzable T3 and T4, Thyroxine Binding Globulin (TBG), and Total Iodine. *J Clin Endocrinol Metab* 43:1351-1359, 1976.
17. Wartofsky L, Burman KD, Dimond RC, Noel GL, Frantz AG, Earll JM. Studies on the Nature of Thyroidal Suppression During Acute Falciparum Malaria: Integrity of Pituitary Response to TRH and Alterations in the Conversion of Thyroxine to 3, 3',5'-triiodothyronine (T3) and 3,3',5-triiodothyronine (Reverse T3). *J Clin Endocrinol Metab* 44:85-90, 1977.
18. Burman KD, Dimond RC, Wright FD, Earll JM, Bruton J, Wartofsky L. A Radioimmunoassay for Reverse T3: Assessment of Thyroid Gland Content and Serum Measurement in Conditions Normal and Altered Thyroidal Economy and Following Administration of TRH and TSH. *J Clin Endocrinol Metab* 44:660-672, 1977.
19. Burman KD, Strum D, Dimond RC, Djuh YY, Wright FD, Earll JM, Wartofsky L. A Radioimmunoassay for 3,3'-L-Diiiodothyronine (3,3'T2). *J Clin Endocrinol Metab* 45:339-352, 1977.
20. Burman KD, Vigersky RA, Loriaux DL, Strum D, Djuh YY, Wright FD, Wartofsky L. Investigation Concerning Thyroxine Deiodinative Pathways in Patients with Anorexia Nervosa. *Aven Press, Anorexia Nervosa*, ed. Vigersky, RA, 255-261, 1997.
21. Thrall JH, Burman KD, Wartofsky L, Corcoran RJ, Johnson MC, Gillin MT. Discordant Imaging of a Thyroid Nodule with <sup>131</sup>I and Fluorescent Scans, *Radiology* 128:705-706, 1978.
22. Thrall JH, Burman KD, Gillin MT, Corcoran RJ, Johnson MC, Wartofsky L. Solitary Autonomous Thyroid Nodules: comparison of Fluorescent and Pertechnetate Imaging. *J Nucl Med* 18:1064-1068, 1977.
23. Burman KD, Lukes Y, Wright FD, Wartofsky L. Reduction in Hepatic T3 Binding Capacity Induced by Fasting. *Endocrinology* 101:1331-1334, 1977.
24. Smallridge RC, Wartofsky L, Desjardins RE, Burman KD. Reverse Production Rates in Thyrotoxic, Euthyroid, and Hypothyroid Subjects. *J Clin Endocrinol Metab* 47:345-349, 1978.
25. Smallridge RC, Wartofsky L, Chopra IJ, Solomon DIH, Dimond RC, Marinelli PV, Broughton RE, Earll JM, Burman KD. Neonatal Thyrotoxicosis: Relationship LATS-Protector to Alteration in Serum T4, T3, Reverse T3, and 3, 3'T2 Concentrations. *J Pediatrics* 93:118-120, 1978.
26. Burman KD, Djuh YY, Dimond RC, Wartofsky L. Failure of 3, 3'T2 Administration to Alter TSH and Prolactin Responses to TRH Stimulation. *Metabolism* 27:677-683, 1978.

27. Smallridge RC, Wartofsky L, Desjardins RE, Burman KD. Metabolic Clearance and Production Rates of 3, 3'5-Triiodothyronine in Hyperthyroid, Euthyroid, and Hypothyroid Subjects. *J Clin Endocrinol Metab* 47:345-349, 1978
28. Corrigan DF, Wartofsky L, Dimond RC, Schaaf M, Rogers JC, Wright FD, Burman KD. Parameters of Thyroid Function in Patient With Active Acromegaly. *Metabolism* 27:209-216, 1978.
29. Burman KD, Wright FD, Smallridge RC, Green BJ, Georges LP, Wartofsky L. A Radioimmunoassay for 3',5'-diiodothyronine. *J Clin Endocrinol Metab* 47:1059-1064, 1978.
30. Glass AR, Mellitt R, Burman KD, Wartofsky L, Swerdloff RS. Serum T3 in Undernourished Rats: Dependence on Dietary Composition Rather than Total Calorie or Protein Intake. *Endocrinology* 102:1925-1928, 1978.
31. Burman KD, Harvey GS, O'Brian JT, Georges LP, Bruton J, Wright FD, Dimond RC, Wartofsky L. Glucose Modulation of Peripheral Thyroid Hormone Metabolism. *Metabolism* 28:291-299, 1979.
32. Smallridge RC, Wartofsky L, Green BJ, Miller FC, Burman KD. 3'L-monoiodothyronine (3'T1): Development of a Radioimmunoassay and Demonstration of In Vivo Conversion From 3',5'-diiodothyronine. *J Clin Endocrinol Metab* 48:32-36, 1979.
33. Burman KD, Dinterman R, Wartofsky L, Kesler P, Wannemacher RW. The Effect of T3 and Reverse T3 Administration on Muscle Protein Catabolism during Fasting as Measured by 3 Methylhistidine Excretion. *Metabolism* 28:805-813, 1979.
34. Burman KD, Smallridge RC, Osburne R, Dimond RC, Whorton NE, Kesler P, Wartofsky L. Nature of Suppressed TSH Secretion during Undernutrition: Effect of Fasting and Refeeding on TSH Responses to Prolonged TRH Infusions. *Metabolism* 29:46-52, 1980.
35. Burman KD, Smallridge RC, Jones L, Ramos EA, O'Brian JT, Wright FD, Wartofsky L. Glucagon Kinetics in Fasting: A Metabolic Event Associated with Physiologic Alterations in Serum T3. *J Clin Endocrinol Metab* 51:1158-1165, 1980.
36. Becker RA, Wilmore DW, Godwin CW, Zitzka CA, Wartofsky L, Burman KD, Mason AD, Pruitt BA. Free T4, Free T3 and Reverse T3 in Critically Ill, Thermally Injured Patients. *J of Trauma* 20:713-721, 1980.
37. Burman KD, Latham KR, Djuh YY, Smallridge RC, Tseng YL, Lukes YG, Maunder R, Wartofsky L. Solubilized Nuclear Thyroid Hormone Receptors in Circulating Human Mononuclear Cells: Evidence for Increased Maximum Binding Capacities in Fasted Obese Subjects. *J Clin Endocrinol Metab* 51:106, 1980.
38. O'Brian JT, Bybee DE, Burman KD, Osburne RC, Ksiazek MR, Wartofsky L, Georges LP. Thyroid Hormone Homeostasis in States of Relative Calorie Deprivation. *Metabolism* 29:721, 1980.

39. Pangaro L, Burman KD, Wartofsky L, Cahnmann HJ, Smallridge RC, O'Brian JT, Wright FD, Latham KR. Radioimmunoassay for 3, 5-diiodothyronine (3,5T<sub>2</sub>) and Evidence for Dependence on Conversion From T<sub>3</sub>. *J Clin Endocrinol Metab* 6:1075-1081, 1980.
40. Boehm TM, Burman KD, Barnes S, Wartofsky L. Lithium and Iodide Combination Treatment for Thyrotoxicosis. *Acta Endocrinologica* 94:174-183, 1980.
41. Wray HL, Burman DK, Smallridge RC, Alford JP, Butler VM, Wright FD, Wartofsky L. Effect of T<sub>3</sub> and Reverse T<sub>3</sub> Administration on Serum Tri-Di- and Monoiodothyronines and Plasma Cyclic Nucleotide in Sheep. *Endocrinology* 107:1081, 1980.
42. Thompson P, Burman KD, Lukes YG, McNeil JS, Jackson BD, Latham KR, Wartofsky L. Uremia Decreases Nuclear T<sub>3</sub> Receptors in Rats. *Endocrinology* 107:1081, 1980.
43. Boehm TM, McLain J, Burman KD, deShazo R, Wartofsky L. Iodine Treatment of Iodine-induced Thyrotoxicosis. *J Endocrinol Invest* 3: 419-424, 1980.
44. Burman KD, Lukes YG, Latham KR, Wartofsky L. Iodate and 8-anilino-1-naphthalene Sulfonic Acid Block Receptor Binding of T<sub>3</sub> in Rat Liver. *Hormone and Metabolic Research* 12:685-687, 1980.
45. Maxon HR, Burman KD, Premachandra BN. Euthyroid Familial Hyperthyroxinemia [Letter]. *N Eng J Med* 302:1263, 1980.
46. Wartofsky L, Latham KR, Djuh YY, Burman KD. Alterations in T<sub>3</sub> and T<sub>4</sub> Receptor Binding in Fasting and Diabetes Mellitus. *Life Sci* 28:1683-1691, 1981.
47. Burman KD, Bongiovanni R, Garis RK, Wartofsky L, Boehm T. Measurement of Serum T<sub>4</sub> Levels by High Performance Liquid Chromatography. *J Clin Endocrinol Metab* 53:909, 1981.
48. Biogiovanni R, Burman KD, Garis RK, Boehm T. HPLC Measurement of Dansyl-thyroxine in Femtomole Range. *J Liquid Chromatography* 4(5):813-24, 1981.
49. DeRuter H, Burman KD, Wartofsky L, Taylor S. Effects of Thyroid Hormone on the Insulin Receptor in Rat Liver Membranes. *Endocrinology* 110, 1981.
50. Maxon HR, Burman KD, Premachandra BN, Chen IW, Burger A, Levy P, Georges LP. Familial Elevations of Total and Free Thyroxine in Healthy, Euthyroid Subjects Without Detectable Binding Protein Abnormalities. *Acta Endocrinol* 100:224
51. Smallridge RC, Wartofsky L, Burman KD. Thyroid Carcinoma and Hodgkin's Disease. *Annals Int Med* 94:412-413, 1981.
52. Burman KD, Lukes YG, Latham KR, Smallridge RC, Wartofsky L. The Effect of Dexamethasone, Diet Control and Hyperglycemia on Murine Hepatic T<sub>3</sub> Receptors. *Life Sciences* 28:1701-1712, 1981.
53. Wartofsky L, Latham KR, Djuh YY, Burman KD. Human T<sub>3</sub> Receptors in Fasting and Diabetes Mellitus. *Life Sciences* 28:1683-1691, 1981.

54. Smallridge RC, Smith CE, Wright FD, Wartofsky L. Metabolic Clearance Rate and Production Rate of 3'5'T2 in Hyper- and Hypothyroidism. *J Clin Endocrinol Metab* 52:722-730, 1981.
55. Smallridge RC, Burman KD, Ward KE, Dimond RC, Wright KR, Wartofsky L. 3',5'-diiodothyronine to 3'-monoiodothyronine Conversion in the Rat: Enzyme Characteristics and Evidence for Two Distinct 5'-Deiodinases. *Endocrinology* 108:2336, 1981.
56. Glass AR, Burman KD, Dahms WT, Boehm TM. Endocrine Function in Human Obesity. *Metabolism* 30:89-104, 1981.
57. Zwillich C, Martin B, Rose E, Charles A, Hofeldt F, Burman KD. Lack of Effects of Dense Beta Sympathetic Blockade on Metabolic Rate and Respiratory Resource to Carbohydrate Feeding. *Metabolism* 30:451, 1981.
58. Wartofsky L and Burman KD. Alterations in Thyroid Function in Patients with Systemic Illness: The "Euthyroid Sick Syndrome." *Endocrin Rev* 3:164-217, 1982.
59. Swartz M, Burman KD, Salen G. Cerebroretinoid Xanthomatosis: A Potentially Treatable Lethal Disease Presenting With Cataracts. *Amer J Medical Sciences* 283(3):147-152, 1982.
60. Smallridge RC, Wartofsky L, Burman KD. The Effect of Experimental Hyper- and Hypothyroidism on 5'-monodeiodination of Reverse T3 and 3',5'-diiodothyronine by Rat Liver and Kidney. *Endocrinology* 11:2066-2069, 1982.
61. Thompson PT, Burman KD, Wartofsky. Iodothyronines Levels in Human Cerebrospinal Fluid. *J Clin Endocrinol Metab* 54(3):653-655, 1982.
62. Burman KD, Boehm T, Bongiovanni R. Compendium of the Joint FDA/USP Workshop on Drug and Reference Standards, for Insulins, Somatropins, and Thyroid Axis Drugs. NIH publications, 1982.
63. Borst GC, Premachandra BN, Burman KD, Osburne RC. Euthyroid Familial Hyperthyroxenemia Due to an Abnormal Thyroid Hormone Binding Protein. *Amer J Med* 73:293-289, 1982.
64. Burman KD. "Hanging From the Masthead": Reflection on Authorship. *Ann Int Med* 97:602-605, 1982.
65. Smallridge RC, Glass AR, Wartofsky L, Ward KE, Latham KR, Burman KD. Investigations into the Etiology of Elevated Serum T3 Levels in Protein Malnourished Rats. *Metabolism* 31:538, 1982.
66. Borst GC, Eil C, Burman KD. Euthyroid Hyperthyroxinemia. *Ann Intern Med* 98:366-78.
67. Borst GC, Osburne RC, O'Brian JT, Georges LP, Burman KD. Fasting Decreases TSH Responsiveness: A Potential Cause of Misinterpretation of Thyroid Function Tests in the Critically Ill. *J Clin Endocrinol Metab* 57:380-383, 1983.



68. Baker Jr JR., Lukes YG, Smallridge RC, Berger M, Burman KD. Partial Characterization and Clinical Correlation of TSH Displaceable Guinea Pig Membrane Binding Human Immunoglobulins as Evaluated by Direct Enzyme Immunoassay. *J Clinical Investigation* 72:1487-1497, 1983.
69. Chernow B, Burman KD, Johnson DL, McGuire RA, O'Brian JT, Wartofsky L, Georges LP. T3 May Be A Better Agent Than T4 in the Critically Ill Hypothyroid Patient: Evaluation of Transport Across the Blood-Brain Barrier in a Primate Model. *Crit Care Med* 11:99-104, 1983.
70. Osburne RC, Myers EA, Rodbard D, Burman KD, Georges LP, O'Brian JT. Adaptation to Hypocaloric Feeding: Physiologic Significance of the Fall in Serum T3 as Measured by the Pulse Wave Arrival Time (Qkd). *Metabolism* 32:9-13, 1983.
71. Wortsman J, Premachandra BN, Williams K, Burman KD, Hay ID, Davis PJ. Familial Resistance to Thyroid Hormone Associated with Decreased Transport across the Plasma Membrane. *Ann Int Med* 98:904-909, 1983.
72. Burman KD, Smallridge RC, Burge JR, Carlson D, Wartofsky L. Iodate Restores the Fasting Induced Decrement in TSH Secretion. *J Clin Endocrinol Metab* 57:597-602, 1983.
73. DeRuyter H, Burman KD, Wartofsky L, Smallridge RC. Thyrotropin Secretion in Starved Rats is Enhanced by Somatostatin Antiserum. *Hormone and Metabolic Research* 16:92-96, 1984.
74. Wartofsky L and Burman KD. Effects of Drugs on Peripheral Thyroxine Metabolism. *Horm Metab Res Suppl* 1984;14:105-108, 1984.
75. Glass AR, Vigersky RA, Rajatanavin R, Smallridge RC, Wartofsky L, Burman KD. Low Serum Thyroxine and High Serum Triiodothyronine in Nephrotic Rats: Etiology and Implications for Bioavailability of Protein-Bound Hormone. *Endocrinology* 114:1745-1753, 1984.
76. Margolick JB, Hsu S-M, Volkman DJ, Burman KD, Fauci AS. Immunohistochemical Characterization of Intrathyroid Lymphocytes in Graves' Disease: Interstitial and Intraepithelial Populations. *Amer J Med* 76:815-821, 1984.
77. Baker Jr JR, Lukes YG, Burman KD. Production, Isolation and Characterization of Rabbit Anti-idiotypic Antibodies Directed against Human Antithyrotrophin Receptor Antibodies. *J of Clin Invest* 74:488-495, 1984.
78. Carlson DE and Burman KD. The Effectiveness of Carefully Monitored Modified Fast as Adjuvant Therapy for Exogenous Obesity in Active Duty Personnel. *Military Medicine* 149:669-671, 1984.
79. McDermott MT, Burman KD, Hofeldt FD, Kidd GS. Lithium Associated Thyrotoxicosis. *Amer J Med* 80:1245-1248, 1984.

80. Clark IJ, Wright PJ, Chamley WA, Burman K. Differences in the Reproductive Endocrine Status of Ewes in the Early Post-Partum Period and during Seasonal Anoestrus. *J Reprod Fertil* 70:591-597, 1984.
81. Smallridge RC, Whorton NE, Burman KD, Ferguson EW. Effects of Exercise and Physical Fitness on the Pituitary-Thyroid Axis and on Prolactin Secretion in Male Runners. *Metabolism* 34:949, 1985.
82. Burman KD, Lukes YG, Wartofsky L, Djuh Y-Y, Baker Jr JR. Preparation of Biotinylated Receptor Purified Graves' IgG: A Simple Technique Allowing Direct Functional Assessment of TSH Receptor Antibody Binding to Membranes. In *Autoimmunity and the Thyroid*, ed. Walfish PG, Wall JR, Volpe R. Academic Press, Montreal, 1985.
83. Zaloga GP, Chernow B, Smallridge RC, Zajtchuk R, Hall-Boyer K, Hargraves R, Lake CR, Burman KD. A Longitudinal Evaluation of Thyroid Function in Critically Ill Surgical Patients. *Ann Surg* 201:456-464, 1985.
84. Smallridge RC, Chernow B, Snyder R, Zaloga GP, Burman KD. Angiotensin-Converting Enzyme: A Potential Marker of Tissue Hypothyroidism in Critical Illness. *Arch Intern Med* 145(10):1829-32, 1985.
85. Raines KB, Baker Jr JR., Lukes YG, Burman KD. Anti-Thyrotropin Antibodies in the Sera of Graves' Disease. *J of Clin Endocrinol Metab* 61:217-222, 1985.
86. Zucker A, Chernow B, Fields AI, Hung W, Burman KD. Evaluation of Thyroid Function in Critically Ill Children. *J Pediatr* 107:552-554, 1985.
87. Tseng Y-C, Burman KD, Baker JR, Wartofsky L. A Rapid and Sensitive Enzyme - Linked Immunoassay (EIA) for Human Thyrotropin (TSH). *Clin Chem* 31:1131, 1985.
88. Hennessey JV, Burman KD, Wartofsky L. The Equivalency of Two L-Thyroxine Preparations. *Annals Int Medicine* 6:770-773, 1985.
89. Hay ID, Gorman CA, Burman KD, Jian N-S. Stereospecific Determination and In Vivo Monodeiodination of Thyroxine Enantiomers in Euthyroid Man. *Metabolism* 34:266-271, 1985.
90. Weetman AP, Volkman DJ, Burman KD, Gerrard TL, Fauci AS. The In Vitro Regulation of Human Thyrocyte HLA-DR Antigen Expression. *J Clin Endocrinol Metab* 61:817-24, 1985.
91. Weetman AP, Volkman DJ, Burman KD, Fauci AS. Activation, Proliferation and Differentiation of Circulating B Cells in Autoimmune Thyroid Disease. *J Immunology* 135:3138-3143, 1985.
92. Raines KB, Baker Jr JR., Lukes YG, Wartofsky L, Burman KD. Antithyrotropin Antibodies in the Sera of Graves' Disease Patients. *Clin Endocrinol Metab* 61:217, 1985.
93. Hennessey JV, Burman KD, Wartofsky L. Thyroxine Bioequivalency. *Ann Intern Med* 103:647, 1985 (Letter).

94. Burman KD, Ferguson EW, Djuh YY, Wartofsky L, Latham K. Beta Receptors in Peripheral Mononuclear Cells Increase Acutely during Exercise. *Acta Endocrinol* 109:563-568, 1985.
95. Burman KD and Baker Jr JR. Immune Mechanisms in Graves' Disease. *Endocrine Rev* 6:183-232, 1985.
96. Graham GD and Burman KD. Radioiodine Treatment of Graves' Disease: An Assessment of its Potential Risks. *Ann Intern Med* 105:901-905, 1986.
97. Burman KD. Graves' Disease: Studies Concerning TSH-receptor Antibody Formation and Action. *Clinical Research* 34:432-437, 1986.
98. Hennessey JV, Evaul JE, Tseng YC, Burman KD, Wartofsky L. L-thyroxine Dosage: A Re-evaluation of Therapy with Contemporary Preparations. *Ann Int Med* 105:11-15, 1986.
99. Reed HL, Burman KD, Shakir KM, O'Brian JT. Alterations in the Hypothalamic-Pituitary-Thyroid Axis after Prolonged Residence in Antarctica. *Clinical Endocrinol* 25:55-65, 1986.
100. Sack J, Baker JR Jr., Weetman AP, Wartofsky L, Burman KD. The Role of Antibody-Dependent Cytotoxicity and Natural Killer Cells in Hashimoto's Disease. In *Frontiers in Thyroidology*, vol. 2. G. Medeiros-Neto and E. Gaitan, eds. Plenum Publishing Co, 1986.
101. Weetman AP, Volkman DJ, Burman KD, Margolick JB, Petrick P, Weintraub BD, Fauci AS. The Production and Characterization of Thyroid-Derived T-Cell Lines in Graves' Disease and Hashimoto's Thyroiditis. *Clin Immunology Immunopathol* 39:139-50, 1986.
102. Hennessey JV, Evaul JE, Tseng YC, Burman KD, Wartofsky L. Re-evaluation of L-thyroxine Dose. *Ann Intern Med* 105:797-798, 1986 (Letter).
103. Weetman AP, Smallridge R, Hayslip C, Burman KD. Multiple Autoantigenic Determinants in Thyroid Autoimmunity. In "Thyroid Autoimmunity: Memories and Perspectives." Plenum Publishing Corp, 1986.
104. Burman KD and Baker Jr JR. Autoimmune Graves' Disease. *The Bridge Newsletter*, 1986.
105. Weetman AP, Nutman TB, Burman KD, Baker JR, Fauci AS Volkman DJ. Heterogeneity of Thyroid Autoantigens Identified by Immunoblotting. *Clin Immunol and Immunopathology* 43:333-342, 1987.
106. Weetman AP, Smallridge RC, Nutman TB, Burman KD. Persistent Thyroid Autoimmunity after Subacute Thyroiditis. *J Clin and Lab Immuno* 23:1-6, 1987.
107. Butkus NE, Burman KD, Smallridge RC. Angiotensin-Converting Enzyme Activity Decreases During Fasting. *Horm Metab Res* 19:76-7, 1987.

108. Solomon BL, Evaul JE, Burman KD, Wartofsky L. Remission Rates with Antithyroid Drug Therapy: Continuing Influence of Iodine Therapy. *Ann Intern Med* 107:510-512, 1987.
109. Ahmann A, Baker JR, Jr., Weetman AP, Wartofsky L, Nutman TB, Burman KD. Antibodies to Porcine Eye Muscle in Patients with Graves' Ophthalmopathy: Identification of Serum Immunoglobulins Directed against Unique Determinants by Immunoblotting and Enzyme-linked Immunosorbent Assay. *J Clin Endocrinol Metab* 64: 454-460, 1987.
110. Weetman AP, Nutman TB, Baker JR, Jr., Burman KD. Demonstration by Immunoblotting of Heterogeneity in the Autoantibody Response Directed against Fat Cells in Graves' Disease. *FEBS Letters* 211:69-72, 1987.
111. Burman KD. "Hypothyroidism," *Conn's Current Theory*, ed. Rakel R, W.B. Saunders, Co., p. 521, 1987.
112. Tseng YC, Burman KD, Baker Jr JR., D'Avis J, Wartofsky L. Intrinsic Abnormality of Thyroid Cells from a Patient with a Brobdingnagian Goiter. *J Endocrinological Invest* 10:517-522, 1987.
113. Ahmann AJ and Burman KD. The Role of T Lymphocytes in Autoimmune Thyroid Disease. *Endocrinology and Metabolism Clinics of North America*, 16:287-327, 1987.
114. Burman KD, Djuh YY, LaRocca RV, Nunes ME, D'Avis JC, Nicholson DE, Wartofsky L. C-myc Expression in the Thyroid I: Normal, Adenomatous, and Cancerous Thyroid Tissue. *Horm Metab Res (Suppl)* 17:63-65, 1987.
115. Nunes ME, Djuh YY, LaRocca RV, Nicholson DE, Baker JR Jr., Wartofsky L, D'Avis JC, Burman KD. C-myc Expression in the Thyroid II: Thyrocytes and Peripheral and Intrathyroidal Lymphocytes from Patients with Autoimmune Thyroid Disease. *Horm Metab Res (Suppl)* 17:66-69, 1987.
116. Sack J, Baker JR Jr., Weetman AP, Wartofsky L, Burman KD. Thyrocyte Specific Killer Cell Activity is Decreased in Patients with Thyroid Carcinoma. *Cancer* 59:1914-1917, 1987.
117. Burman KD, Smallridge RC, Burge JR, O'Brian JT, Wartofsky L. Iodide Administration Enhances Thyrotropin Responsiveness to Thyrotropin-Releasing Hormone during Fasting: Evidence for Normal Pituitary Feedback Regulation. *Clin Endocrinol* 26:9-15, 1987.
118. Dolev E, Deuster PA, Solomon B, Trostmann V, Burman KD. Alterations in Magnesium and Zinc Metabolism in Thyroid Disease. *Metabolism* 37:61-67, 1988.
119. Baker JR Jr., Saunders NB, Kaufersch W, Burman KD. The Development of Human Monoclonal Antibodies from Graves' Disease Patients which Demonstrate the Ability to Inhibit TSH-mediated Production of Cyclic-Adenosine Monophosphate in Thyrocytes.

- J Immunology 140:2593-2599, 1988.
120. Nuovo JA, Baker JR Jr., Wartofsky L, Lukes YG, Burman KD. Autoantibodies to Insulin are Present in the Sera of Patients with Autoimmune Thyroid Disease. *Diabetes* 37:317-320, 1988.
  121. Wortsman J, McConnachie P, Baker JR Jr., Burman KD. Immunoglobulins that Cause Thyrocyte Proliferation from a Patient with Graves' Disease and an Enlarged Thymus. *Am J Med* 85:117-21, 1988.
  122. Margolick JB, Weetman AP, Burman KD. Immunohistochemical Analysis of Intrathyroid Lymphocytes in Graves' Disease: Evidence of Activated T Cells and Interferon-Gamma. *Clin Immunol and Immunopathology* 47:208-218, 1988.
  123. Kaulfersch W, Baker JR Jr., Burman KD, Ahmann AJ, D'Avis JC, Waldmann TA. Immunoglobulin and T Cell Gene Rearrangements Indicate that the Immune Response in Autoimmune Thyroid Disease (AITD) is Polyclonal. *J Clin Endocrinol Metab* 66:958-963, 1988.
  124. Baker JR, Saunders NA, Tseng YC, Wartofsky L, Burman KD. Seronegative Hashimoto's Thyroiditis with Thyroid Autoantibody Production Localized to the Thyroid. *Ann Intern Med* 108:26-30, 1988.
  125. Reed HL, Ferreiro JA, Shakir KMM, Burman KD, O'Brian JT. Pituitary and Peripheral Hormone Responses to T3 Administration during Antarctic Residence. *Amer J Physiology* 254:E733-739, 1988.
  126. Burman KD. "Hypothyroidism," in *Current Therapy in Allergy, Immunology, and Rheumatology*, eds. Fauci AC, Lichtenstein LM, B.C. Decker, Inc., 1988.
  127. Hayslip CC, Baker JR Jr., Wartofsky L, Klein TA, Opsahl MS, Burman KD. Natural Killer Cell Activity and Serum Autoantibodies in Women with Postpartum Thyroiditis. *J Clin Endocrinol Metab* 66:1089-93, 1988.
  128. Burman KD, Baker JR, Tseng YC, Saunders N, Solomon B, Wartofsky L. Eponyms (Letter). *Ann Intern Med* 108:635, 1988.
  129. Premachandra BN, Burns TW, Bregant R, Williams IK, Burman KD. Persistence of Low Serum Thyroid Hormone Levels in a Graves' Disease Patient Receiving
  130. Tseng YC, Burman KD, Schaudies RP, Ahmann A, D'Avis J, Geelhoed GW, Wartofsky L. Effects of Epidermal Growth Factor on Thyroglobulin and Adenosine 3,5'-Monophosphate Production by Cultured Human Thyrocytes. *J Clin Endocrinol Metab* 69:771-775, 1989.
  131. Tseng YC, Sellitti DF, Ahmann AJ, Burman KD, D'Avis JC, Wartofsky L. Thyrotropin Modulates Receptors for Atrial Natriuretic Factor on Intact Human Thyroid Cells. *Amer J Med Sci* 298:15-19, 1989.
  132. Kaulfersch W, Baker JR Jr., Burman KD, Fiocchi C, Ahmann AJ, D'Avis JC, Waldmann TA. Molecular Genetic Detection of Polyclonal Immune Response in Autoimmune

- Thyroiditis and Inflammatory Bowel Diseases. *Monatsschr Kinderheilkd* 137:610-615, 1989.
133. Sack, J, Zilberstein D, Barile MF, Wartofsky L, Lukes YG, Baker JR Jr, Burman KD. Binding of Thyrotropin to Selected Mycoplasma Species: Detection of Serum antibodies against a Specific Mycoplasma Membrane Antigen in Patients with Auto-immune Thyroid Disease. *J Endocrinol Invest* 12:77-86, 1989.
  134. Burman KD, Anderson JH, Wartofsky L, Mong DP, Jelinek JJ. Management of Patients with Thyroid Carcinoma: Application of Thallium-201 Scintigraphy and Magnetic Resonance Imaging. *J Nucl Med* 31: 1958-64,1990.
  135. Reed HL, Brice D, Shakir KM, Burman KD, D'Alesandro M, O'Brian JT. Decreased Free Fraction of Thyroid Hormones after Prolonged Antarctic Residence. *J Appl Physiol* 69:1467-72, 1990.
  136. Tseng YCL, Lahiri S, Sellitti DF, Burman KD, D'Avis JC, Wartofsky L. Characterization by Affinity Cross-linking of a Receptor for Atrial Natriuretic Peptide in Cultured Human Thyroid Cells Associated with Reductions in Both Adenosine 3'5'-monophosphate Production and Thyroglobulin Secretion. *J Clin Endocrinol Metab* 70:528-533, 1990.
  137. Troumbley PF, Burman KD, Rinke WJ, Lenz ER. A Comparison of the Health Risk, Health Status, Self-Motivation, Psychological Symptomatic Distress, and Physical Fitness of Overweight and Normal Weight Soldiers. *Military Med* 155:424-429, 1990.
  138. Norby EH, Neutze J, Van Nostrand D, Burman KD, Warren RW. Nasal Radioiodine Activity: A Prospective Study of Frequency, Intensity and Pattern. *J Nucl Med* 31:52-54, 1990.
  139. Burman KD. "Hashimoto's Thyroiditis" in *Current Therapy in Internal Medicine*, ed. Jerome Kassirei, 1990.
  140. Reed HL, Silverman ED, Shakir KMM, Dons R, Burman KD, O'Brian JT. Changes in Serum Triiodothyronine Kinetics after Prolonged Antarctic Residence: The Polar T3 Syndrome. *J Clin Endocrinol Metab* 70:965-974, 1990.
  141. Reed HL, Brice D, Shakir KMM, Burman KD, D'Alesandro MM, O'Brian JT. Decreased Free Fraction of Thyroid Hormones after Prolonged Antarctic Residence. *J Appl Physiology* 69:1467-1472, 1990.
  142. Burman KD. Is Long-term Thyroxine Therapy Safe? (Editorial) *Arch Intern Med*, 150:2010-2013, 1990.
  143. Humphrey ML and Burman KD. Retrosternal and Intrathoracic Goiter. *The Endocrinologist*. 2:195-201, 1992.
  144. Smallridge RC, Burman KD, Wartofsky L. Malabsorption of Thyroxine, Calcium, and Vitamin D in a Thyroparathyroidectomized Woman: Efficacy of Therapy with Medium Chain Triglyceride Oil. *Military Med* 155:156-158, 1990.
  145. Burman KD. "Thyrotoxicosis," in *Principles and Practices of Endocrinology and Metabolism*, ch. 34, pp. 331-347. K. Becker, ed. J.B. Lippincott, 1990.

146. Burman KD, Anderson JH, Wartofsky L, Mong DP, Jelinek JJ. Management of Patients with Thyroid Carcinoma: Application of Thallium-201 Scintigraphy and Magnetic Resonance Imaging. *J Nucl Med* 31:1958-1964, 1990.
147. Tseng YC, Burman KD, Lahiri S, D'Avis JC, Abdelrahim M, Wartofsky L. Thyrotropin Modulates Receptor-mediated Processing of the Atrial Natriuretic Peptide Receptor Complex in Cultured Thyroid Cells. *J Clin Endocrinol Metab* 72:669-674, 1991.
148. Burman KD. "Immunoassays, Nonradionucleotide" in *Encyclopedia of Human Biology*, pub. Harcourt, Brace, and Jovanovich, and Academic Press, ed. Renate Dulbecco, 4:351-56, 1991.
149. Baker JR, Miller FW, Steinberg AD, Burman KD. Thyroid Stimulating and Thyrotropin Binding Inhibitory Immunoglobulin Activity in Patients with Systemic Lupus Erythematosus having Thyroid Function Abnormalities. *Thyroid* 1:229-234, 1991.
150. Fein HG, Burman KD, Djuh YY, Usala SJ, Bale AE, Weintraub BD, Smallridge RC. Tight Linkage of the Human c-Erb A Beta Gene with the Syndrome of Generalized Hormone Resistance is Present in Multiple Kindreds. *J Endocrinol Invest* 14:219-223, 1991.
151. Francis T, Burch HB, Cai WY, Lukes Y, Peele M, Carr FE, Wartofsky L, Nicholson D, Burman KD. Lymphocytes Express Thyrotropin Receptor Specific Messenger RNA as Detected by the PCR Techniques. *Thyroid* 1:223-228, 1991.
152. Burch HB, Nagy EV, Lukes YG, Cai WY, Wartofsky L, Burman KD. Nucleotide and Amino Acid Homology between the Human Thyrotropin Receptor and the HIV-1 Nef Protein: Identification and Functional Analysis. *Biochem & Biophys Res Communications* 181:498-505, 1991.
153. Burman KD. Treatment of Autoimmune Ophthalmopathy. *The Endocrinologist* 1:102-110, 1991.
154. Humphrey M, Mosca J, Baker JR Jr, Drabick JJ, Carr FE, Burke DS, Wartofsky L, Djuh YY, Burman KD. Absence of Retroviral Sequences in Graves' Disease. *Lancet* 337:17-8, 1991.
155. Cai WY, Lukes YG, Burch HB, Djuh YY, Carr FE, Wartofsky L, Rhooms P, D'Avis JC, Baker JR Jr., Burman KD. Analysis of Human TSH Receptor Gene and RNA Transcripts in Patients with Thyroid Disorders. *Autoimmunity* 13:43-50, 1992.
156. Haibach H, Burns TW, Carlson HE, Burman KD, Deftos LJ. Multiple Hamartoma Syndrome (MHS, Cowden's Disease) Associated with Renal Cell Carcinoma and Primary Neuroendocrine Carcinoma of the Skin (Merkel Cell Carcinoma). *Am J Clin Pathol* 97:705-12, 1992.

157. Burman KD, Djuh Y-Y, Nicholson D, Rhooms P, Wartofsky L, Fein HG, Usala SJ, Hao E-H, Bradley WEC, Berard J, Smallridge RC. Generalized Thyroid Hormone Resistance: Identification of an Arginine to Cystine Mutation in Codon 315 of the C-erb A Beta Thyroid Hormone Receptor. *J Endocrinol Invest* 15:573-79, 1992.
158. Burman KD, Kaplan KA. Autoimmune Ophthalmopathy: Present Concepts Regarding Diagnosis, Analysis and Treatment. *Guthrie Medical J* 61:5-14, 1992.
159. Jackson S, Tseng Y-C, Lahiri S, Burman KD, Wartofsky L. Receptors for Endothelin in Cultured Human Thyroid Cells and Inhibition by Endothelin of Thyroglobulin Secretion. *J Clin Endocrinol* 75:388-92, 1992.
160. Nagy EV, Burch HB, Mahoney K, Lukes YG, Morris JC III, Burman KD. Graves' IgG Recognizes Linear Epitopes in the Human Thyrotropin Receptor. *Biochem & Biophys Res Comm* 188:28-33, 1992.
161. Tseng Y-C, Burman KD, Lahiri S, D'Avis J, Wartofsky L. Thyrotropin Modulation of Epidermal Growth Factor (EGF) Binding to Receptors on Cultured Thyroid Cells. *Thyroid* 2:181-187, 1992.
162. Nagy E, Burman KD. Enzyme-linked Immunosorbent Assays (ELISA). In press, *Handbook of Hormonal Assay Techniques*, Academic Press, Inc.
163. Burch HB, Nagy EV, Kain KC, Lanar DE, Carr FE, Wartofsky L, Burman KD. Expression Polymerase Chain Reaction for the In Vitro Synthesis and Epitope Mapping of Autoantigen: Application to the Human Thyrotropin Receptor. *J Immunol Methods* 158:123-30, 1993.
164. Solomon BL, Wartofsky L, Burman KD. Adjunctive Cholestyramine Therapy for Thyrotoxicosis. *Clinical Endocrinology* 38:39-43, 1993.
165. Tseng Y-C, Lahiri S, Jackson S, Burman KD, Wartofsky L. Endothelin Binding to Receptors by Human Thyroid Follicular Cells: Effects of Transforming Growth Factor- $\beta$  and Thyrotropin. *J Clin Endocrinol Metab* 76:156-61, 1993.
166. Solomon BL, Burman KD. The Prevalence of Fractures in Postmenopausal Women with Thyroid Disease. *Thyroid* 3:17-23, 1993.
167. Burch HB, Cranston TJ, Anderson JH, Burman KD. Combined Free Thyroxine and Sensitive TSH Testing in a Large Clinical Practice: Comparison with Conventional Thyroid Function Testing. Submitted for publication, 1993.
168. Burman KD, "Thyroid Hormones," ch. 34, pp. 671-691, in *The Pharmacologic Approach to the Critically Ill Patient*, 2nd edition. Chernow B, Williams and Wilkins (eds.), 1988. Third edition in press, 1993.
169. Mengistu M, Lukes YG, Nagy EV, Burch HB, Carr FE, Lahiri S, Burman KD. TSH Receptor Gene Expression in Retroocular Fibroblasts. Submitted for publication, 1993.
170. Peele ME, Carr FE, Baker JR Jr, Wartofsky L, Burman KD. TSH Beta Subunit Gene Expression in Human Lymphocytes. *Amer J Med Sci* 305:1-7, 1993.



171. Burch HB, Nagy E, Kain K, Lanar D, Carr FE, Wartofsky L, Burman KD. Expression PCR for the In Vitro Synthesis of Autoantigen: Application to the Human Thyrotropin Receptor. *J Immunol Methods* 158:123-30, 1993.
172. Nagy E, Burch HB, Lukes YG, Kosugi S, Kohn LD, Burman KD. Immunogenicity of a Unique Region of the Human Thyrotropin Receptor. *Journal of Endocrinological Investigation* 16:485-93, 1993.
173. Burch HB, Sellitti D, Barnes SG, Nagy EV, Bahn RS, Burman KD. Identification and Partial Characterization of Proteins Immunologically Related to the Thyrotropin Receptor in Cultured Human Retroocular Fibroblasts. *J Clin Endocrinol Metab* 78: 1384-1391, 1994
174. Burch HB, Nagy EV, Kain KC, Lanar DE, Carr FE, Wartofsky L, Burman KD. Expression Polymerase Chain Reaction for the In Vitro Synthesis and Epitope Mapping of Autoantigen: Application to the Human Thyrotropin Receptor. *J Immunol Methods* 158:123-30, 1993.
175. Nagy EV, Burch HB, Burman KD. Unidirectional Shift of the Dominant T Cell Epitope in the Human Thyrotropin Receptor in Graves' Disease. Submitted, 1993.
176. Solomon B, Wartofsky L, Burman KD. Management of Differentiated Thyroid Carcinoma: Results of a Survey of American Thyroid Association Members Submitted, 1993.
177. Lasswell WL, Burman KD. "Thyroid Function Tests and Methods of Imaging the Thyroid Gland." In: McDermott MT (ed), *Endocrinology Secrets*. Philadelphia: Hanley and Belfus, 1994.
178. Duncan WE, Burman KD. Bone densitometry. Precision error is low. *BMJ* 308: 1567, 1994.
179. Burman, KD. How serious are the risks of thyroid hormone over replacement? *Thyroid Today XVIII*, October-December, 1995.
180. Loughney MH, Burman KD. "Unusual Forms of Thyrotoxicosis". *Advances in Endocrinology and Metabolism*. Mosby Year Book, Inc., 5:349-392, 1994.
181. Burch H, Solomon BL, Wartofsky L, and Burman KD. "Discontinuing Antithyroid Drug Therapy before Ablation with Radioiodine in Graves Disease". *Ann Int Med*, 121:553-614, 1994.
182. Atwa MA et al. The influence of triiodothyronine, thyroxine, thyrotropin and methimazole on thyroid cell MHC Class II antigen expression. *Clinical Immunology and Immunopathology*. 76: 209-213, 1995.
183. Atwa MA, Smallridge RC, Burch HB, Gist ID, Lu R, Abo-Hashem EM, El-Kannishy MH, and Burman KD. Immunoglobulins from Graves' Patients Stimulate Phospholipase A<sub>2</sub> and C Systems in FRTL-5 and Human Thyroid Cells. *European J of Endocrinology*, 135: 322-327, 1996.

184. Kushner J and Burman KD. Can catabolism be reversed and survival enhanced by altering glucose, somatostatin, and glucagon levels in systemically ill patients? *Critical Care Medicine*. 23(1):1-2, January 1995.
185. Atwa MA, Lukes YD, Salata K, Abo-Hashem EM, El-Kannishy MH, and Burman KD. The Influence of Triiodothyronine, Thyroxine, Thyrotropin, and Methimazole on Thyroid Cell MHC Class II Antigen Expression. *Clin Immun & Immunopathology*, 76:209-213, 1995.
186. Burman KD. Thyroid Cancer I. *Endocrinology and Metabolism Clinics of North America*, 24 (4), 1995.
187. Burman KD. How serious are the risks of thyroid hormone over-replacement? *Thyroid Today*, XVIII:(4), 1995.
188. Solomon BL, Wartofsky L, Burman KD. Current Trends in the Management of Well Differentiated Papillary Thyroid Carcinoma, *Journal of Clinical Endocrinology & Metabolism*, 81:(1), 1996.
189. Burman, KD. Does T3 mediate cold adaption? (Editorial) Submitted. January 20, 1996.
190. Burman KD. Is triiodothyronine administration beneficial in patients undergoing coronary artery bypass surgery? *JAMA*, 275: 723, 1996.
191. Burman KD, Ringel MD and Wartofsky L. Unusual Types of Thyroid Neoplasms. *Endocrin & Metabol Clinics of NA*, 25:(1), 1996.
192. Burman KD. Does T<sub>3</sub> Mediate Cold Adaptation? Editorial, *Endocrin & Metabol*, 3: 1-5, 1996.
193. Tseng YL, Lahiri S, Nicholson D, Burman KD and Wartofsky L. Evidence of an association of endothelin-1 receptor expression to the active growth phase of the cell cycle and identification of endothelin-1 mRNA in FRTL5 cells. *Endocrin & Metabol*, 3:37-47, 1996.
194. Atwa MA, Smallridge RC, Burch HB, all authors. Immunoglobulins from Graves' Disease patients stimulate phospholipase A2 and C systems in FRTL-5 and human thyroid cells. *European J of Endocrinology*, 135: 322-327, 1996.
195. Burman KD. How does thyroid hormone alter nutrient and energy metabolism? *Endocrine & Metabol* (Editorial), 3:215-217, 1996.
196. Smallridge RC, Tsokos GC, Burman KD, Porter L, Cranston T and Solomon BL. Soluble Interleukin-2 Receptor is a thyroid hormone dependent early response marker in the treatment of thyrotoxicosis. *Clinical and Diagnostic Laboratory Immunology* 4: 583-586, 1997.
197. Burman KD. Graves' Ophthalmopathy: What is the initial abnormality? *European J of Endocrinology*, 136: 583-585, 1997.

198. Burch HB, Burman KD, Reed HL, Bucker L, Raber T and Ownbey JL. Fine Needle Aspiration of Thyroid Nodules. Determinants of insufficiency rate and malignancy yield at thyroidectomy. *Acta Cytologica*, 40(6), Nov-Dec 1996.
199. Burch HB et al, Antithyroid drugs and radioiodine therapy. *Ann Intern Med* 122: 554-555, 1995.
200. Burman KD. Thyroid Disease and Osteoporosis. *Hospital Practice*, 32: 71-86, 1997.
201. Prendiville S, Burman KD, Wartofsky L, Ringel MD and Sessions RB. Evaluation and treatment of post thyroidectomy hypocalcemia. *The Endocrinologist* 8: 34-40, 1998.
202. Burman KD. Immunoassays, Nonradionucleotide. *Encyclopedia of Human Biology*, 4:701-706, 1997.
203. Ringel MD, Taylor T, Barsouk A, Wall JR, Freter CE, Howard RS, Diehl L, Burman KD. Hodgkin's disease treated with neck radiation is associate with increased antibody dependent cellular cytotoxicity against human extra ocular muscle cells. *Thyroid* 7: 425-432, 1997.
204. Burman KD, Pandian R. Clinical utility of assays for TSH receptor antibodies. *The Endocrinologist* 8: 284, 1998.
205. Burch HB, Barnes S, Nagy EV, Sellitti D, Burman KD, Bahn RS, Lahiri S. Immunodetection of manganese superoxide dismutase n cultured human retro ocular fibroblasts using sera directed against the thyrotropin receptor. *J Endocrinol Invest*. 21:48-55, 1998.
206. Pacak K, et al Solitary cerebellar metastasis from papillary thyroid carcinoma; a case report. *Thyroid* 8: 327-335, 1998 .
207. Lu R, Wang P, Wartofsky L, Sutton BD, Zweier JL, Bahn RS, Garrity J, Burman KD. Oxygen free radicals in IL-1 beta induced glycosaminoglycan production by retro ocular fibroblasts from normal and patients with Graves' Ophthalmopathy. *Thyroid* . 9:297-303, 1999.
208. Wartofsky L, Burman KD, Ringel MD. Trading one "dangerous dogma" for another? *J Clin Endocrinol Metab*. 84::1759-60, 1999.
209. Ringel MD, Balducci-Silano P, Anderson JS, Spencer CA, Silverman J, Sparling YH, Francis GL, Burman KD, Wartofsky L, Ladenson PW, Levine MA, Tuttle RM. Quantitative reverse transcription-polymerase chain reaction of circulating thyroglobulin messenger ribonucleic acid for monitoring patients with thyroid carcinoma. *J Clin Endocrinol Metab* 1999 Nov; 84: 4037-4042, 1999.
210. Ringel MD, Burman KD, Shmookler BM. A Clinical aspects of miscellaneous and unusual cancers of the thyroid@ in *Thyroid Cancer: A comprehensive guide to clinical management* edited by Wartofsky L, Humana Press, New Jersey, 1999.
211. Burman KD, Wartofsky L. Iodine Effects on the Thyroid Gland: Biochemical and Clinical Aspects. In *Reviews in Endocrine and Metabolic Disorders*, Kluwer Academic

Publishers, Volume 1, Issue 2, in press. Co-Editor, Reviews in Endocrine and Metabolic Disorders, Volume 1, Issues 2 and 3, Thyroid Diseases, Editorial comment in each issue.

212. Burman, KD, Graves' Disease; Thyroid hormone changes in the intensive care unit setting. Two chapters In Principles and Practice of Endocrinology and Metabolism, editor KL Becker, J.B. Lippincott Co, Philadelphia, In press.
213. Lu R, PV Balducci-Silano, Ringel MD, Rees J, Bahn RS, Garrity J, Wartofsky L, Tsokos GC, Burman KD. Modulation of Fas/Fas ligand expression in retro ocular fibroblasts from patients with Graves' Ophthalmopathy. Submitted, November, 2001.
214. Prendiville S, Burman KD, Ringel MD, Shmookler BM, Deeb ZE, Wolfe K, Azumi N, Wartofsky L, Sessions RB. Tall cell variant: an aggressive form of papillary thyroid carcinoma. Otolaryngology Head Neck, Mar, 2000 122(3):352-7
215. Newkirk KA, Ringel, Jelinek JJ, Mark A, Wartofsky L, Deeb ZE, Beaudet L, Burman, KD Ultrasound guided fine-needle aspiration and thyroid disease. Otolaryngol. Head and Neck Surg. 123:700-705, 2000.
216. Burman KD. Thyroid disease and osteoporosis. Hospital Practice 32:71-86, 1997.
217. Gardner RE, Ringel MD, Sessions RB, Wartofsky L, Burman KD. The utility of MRI in thyroid carcinoma surveillance. Submitted for publication.
218. Burman KD, Becker RL, Cytryn A, Goodglick T, Graves' disease, Chapter 7, in Atlas of Clinical Endocrinology, Current Medicine, Philadelphia, 1999.
219. Stevenson SA, Ringel MD, Sparling YH, Wartofsky L, Sessions RB, Burman KD. Carcinoma in thyroid cysts: Meta-analysis and review. Submitted for publication.
220. Gardner RE, Ringel MD, Davidson B, Sessions RB, Burman KD. Orbital decompression in dysthyroid orbitopathy. Submitted for publication.
221. Burman KD, Hypothyroidism, Medscape. Com, Dec, 1999.
222. Gardner R, Tuttle RM, Burman KD, Haddady S, Truman C, Wartofsky L, Sessions RB, Ringel MD. Prognostic importance of vascular invasion in papillary thyroid carcinoma. Arch Otolaryngol Head Neck Surg. 126(3) 309-312, 2000.
223. Ringel MD, Greenberg M, Chen X, Hayre N, Suzuki K, Priebat D, Saji M, Burman KD., Cytotoxic activity of 2',2'-difluorodeoxycytidine (Gemcitabine) against poorly differentiated human thyroid carcinoma cells. Thyroid. 10:865-9, 2000.
224. Burman KD, Wartofsky L. Iodine Effects on the Thyroid Gland: Biochemical and Clinical Aspects. Endocrine & Metabolic Disorders. 1:19-25, 2000.
225. Fadel, Bahaa M., Ellahham, Samer, Ringel, Matthew D., Lindsay Jr., Joseph, Wartofsky Leonard, Burman, KD, Hyperthyroid Heart Disease, Clin. Cardiol, 23:402-408, 2000.
226. Newkirk, K.A., Ringel, M.D., Wartofsky, L., Burman, K.D. The role of radioactive iodine in salivary gland dysfunction. ENT Journal, 79:460-8, 2000.

227. Wartofsky L, Ringel MD, Burman KD. Therapy of Graves' Ophthalmopathy. Chapter 19 pages 257-278. in *Graves' Disease: Pathogenesis and Treatment*, Kuwer Academic Publishers, Boston, 2000.
228. Kazlauskaitė R, Weintraub BD, Burman KD. Evaluation of thyroid function tests/ Chapter 48 Pages 2821-2829 in *Kelley's Textbook of Internal Medicine, Fourth Edition*, Edited by H. David Humes, Lippincott Williams and Wilkins, New York, 2000.
229. Thomas, J. Taylor, Susan S. Donlon, Allen E Bale, Robert C. Smallridge, Thomas B. Francis, Reed S. Christensen, and Kenneth D. Burman. Treatment of a Thyrotropinoma with Octreotide-LAR in a Patient with Multiple Endocrine Neoplasia – 1. *Thyroid*, 10:1001-1007, 2000.
230. Burman KD, Cooper DS. The Diagnostic Evaluation and Management of Hyperthyroidism due to Graves' Disease, Toxic Nodules and Toxic Multinodular Goiter. In *Medical Management of Thyroid Disease (Chapter 2; pages 33-92)*, edited by Cooper DS, Marcel Dekker, Inc., New York, 2001.
231. Burman KD, Wartofsky L. Thyroid function in the intensive care unit setting. *Crit Care Clin.* 2001 Jan;17(1):43-57.
232. Burman KD. Graves' Disease in Women. Proper therapy depends on an accurate diagnosis. *Women's Health in Primary Care.* 2001 April(4):306-308.
233. Ringel MD, Hayre N, Saito J, Saunier B, Schuppert F, Burch H, Bernet V, Burman KD, Kohn LD, Saji M. Overexpression and overactivation of Akt in thyroid carcinoma. *Cancer Res* 61: 6105-6111, 2001.
234. Ringel MD, Hardy E, Bernet VJ, Burch HB, Schuppert F, Burman KD, Saji M. Rapid Communication: Metastin Receptor is Overexpressed in Papillary Thyroid Cancer and Signals through MAP Kinase in Thyroid Cancer Cells. *J Clin Endocrinol Metabol.* 2002; 87:2399-2402
237. Bernet VJ, Burman KD. Somatic mutations: Hot thyroid nodules, clonal adenoma, pgs. 239-249 in *Hormone Resistance and Hypersensitivity States*. Ed Chrousos G, Olefsky JM, Samols E. *Modern Endocrinology Series*, Lippincott Williams and Wilkins, Philadelphia, 2002.
238. Ringel MD, Hardy E, Bernet VJ, Burch HB, Schuppert F, Burman KD, Saji M. Metastin receptor is overexpressed in papillary thyroid cancer and activates MAP kinase in thyroid cancer cells. *Journal of Clinical Endocrinology & Metabolism.* 87:2399, 2002.
239. Shrier DK, Burman KD. Subclinical hyperthyroidism: controversies in management. *American Family Physician.* 65:431-8, 2002.
240. Stathatos N, Levetan C, Burman KD, Wartofsky L. The controversy of the treatment of critically ill patients with thyroid hormone. *Best Practice & Research Clinical Endocrinology & Metabolism.* 15:465-78, 2001.

241. Oertel Y, Burman K, Boyle L, Ringel M, Wartofsky L, Shmookler B, Yeganeh F, Van Nostrand D. Integrating fine-needle aspiration into a daily practice involving thyroid disorders: The Washington Hospital Center Approach. *Diagnostic Cytopathology* 27:120-122, 2002.
242. Ousman Y, Burman KD. Endocrine Function in Obesity, Chapter 12. Endotext.com. [www.endotext.org/obesity/obesity12/obesity12.htm](http://www.endotext.org/obesity/obesity12/obesity12.htm), 2002
243. Premachandra BN, Radparvar A, Burman K, Williams IK. Apparent Increase in Type I 5'-Deiodinase Activity Induced by Antiepileptic Medication in Mentally Retarded Subjects. [Clinical Trial. Journal Article] *Hormone Research* 58:273 -278, 2002.
244. Pritchuk K, Yeganeh F, Burman KD, Davidson D, Jablonski K, Ringel MD. Initial Level of Thyroglobulin on TSH-Suppression Following Remnant Ablation Does Not Predict Subsequent I-131 Scan Result. 2005. Submitted to Thyroid.
245. Burman KD. Topics in Thyroid Disease: A 75-year-old woman with unexplained weight loss. *Medscape Diabetes & Endocrinology*. 2003; 5 (1). Available at: [www.medscape.com/viewarticle/451749](http://www.medscape.com/viewarticle/451749)
246. C A Koch, F M Brouwers, K Rosenblatt, K D Burman, M M Davis, A O Vortmeyer, K Pacak. Adrenal ganglioneuroma in a patient presenting with severe hypertension and diarrhea. *Endocrine-Related Cancer*. 10(1):99-107, 2003 Mar
247. Szucs-Farkas Z, Toth J, Balazs E, Galuska L, Burman KD, Karanyi Z, Leovey A, Nagy EV. Using morphologic parameters of extraocular muscles for diagnosis and follow-up of Graves' ophthalmopathy:diameters,areas,orvolumes? *Am J Roentgenol*.179:1005-10, 2002.
248. R B Sessions, K D Burman. Cancer of the Thyroid Gland. *Head and Neck Cancer; A Multidiciplinary Approach; Second Edition, 2003*. Edited by Harrison, L, Sessions, R and Hong, Published by Lippincott, Williams and Wilkins. Chapter 29 pages 714-785.
249. Kwaku M. Burman KD. Becker KL. Mannan M. The EUROPA trial.[comment]. *Lancet*. 362:1935; author reply 1936-7, 2003 Dec 6.
250. Surks MI. Ortiz E. Daniels GH. Sawin CT. Col NF. Cobin RH. Franklyn JA. Hershman JM. Burman KD. Denke MA. Gorman C. Cooper RS. Weissman NJ. Subclinical thyroid disease: scientific review and guidelines for diagnosis and management.[see comment]. [Review] [96 refs] [Consensus Development Conference.] *JAMA*. 291(2):228-38, 2004 Jan 14.
251. Hodak SP. Burman KD. The calcitonin conundrum--is it time for routine measurement of serum calcitonin in patients with thyroid nodules *Journal of Clinical Endocrinology & Metabolism*. 89(2):511-4, 2004 Feb.
252. Saji M, Vasko V, Kada F, Albritton E H, Burman K, Ringel M. Disruption of AKT Nuclear Export Leads to P27-Dependent Cell Migration. January 2005. Submitted to Cancer Research

253. Szucs-Farkas Z, Toth J, Kollar J, Galuska L, Burman K, Boda J, Leovey A, Varga J, Ujhelyi B, Szabo J, Berta A, Nagy E. Volume Changes in Intra- and Extraorbital Compartment in Patients with Graves' Ophthalmopathy: Effect of Smoking. *Thyroid*, Vol. 15, Number 2, 2005.
254. Ringel M, Saji M, Vasko V, Kada F, Allbritton E, Burman K. Akt1 contains a functional leucine-rich nuclear export sequence. [Journal Article] *Biochemical & Biophysical Research Communications*. 332(1):167-73, 2005 Jun 24. UI: 15896313
255. Burman K. Diagnosis and Management of Hypothyroidism in Women. *Menopause Management*, Vol. 14, Number 3, May/June 2005
256. Juan Diez, Pedro Iglesias, Kenneth Burman. Spontaneous Normalization of Thyrotropin Concentrations in Patients with Subclinical Hypothyroidism. *The Journal of Clinical Endocrinology & Metabolism*, Vol. 90 (7):0000-0000 April, 2005.
257. Four chapters in *Thyroid Cancer Textbook*. Low iodine diet/Osseous Metastases/Special Circumstances/Unusual Causes of Thyroid Cancer
258. KD Burman. A New Paradigm in the Treatment of Carcinoma: Specific Molecular Targeting. *Endocrinology*. 145(3):1027-30, 2004 Mar.
259. Vasko V, Saji M, Hardy E, Kruhlak M, Larin A, Savchenko V, Miyakawa M, Isozaki O, Murakami H, Tsushima T, Burman KD, De Micco C, Ringel MD. Akt activation and localisation correlate with tumour invasion and oncogene expression in thyroid cancer. *Journal of Medical Genetics*. 41(3):161-70, 2004 Mar.
260. Stathatos N, Burman KD. Diagnosis and Treatment of Hyperthyroidism. *Resident & Staff Physician*, Vol. 50, Number 9, 13 – 20, September 2004.
261. Hodak S., Burman K., Burman E. Authors' Response: Should Serum Calcitonin Be Routinely Measured in Patients with Thyroid Nodules – Will the Law Answer Before Endocrinologists Do? *The Journal of Clinical Endocrinology & Metabolism*, Vol. 89, No. 9 4769-4770. 2004.
262. Galuska L. Varga J. Szucs-Farkas Z. Nagy EV. Burman KD. Differences in SPET analysis of thyroid-associated orbitopathy.[comment]. [Comment. Letter] *European Journal of Nuclear Medicine & Molecular Imaging*. 31(5):793-5, 2004 May
263. Stathatos N., Burman K. Diagnosis and Treatment of Hyperthyroidism in Primary Care. *Resident & Staff Physician*. Vol.50, No.9, September 2004.
264. Burningham A., Krishnan J., Davidson B., Ringel M., Burman K. Papillary and Follicular Variant of Papillary Carcinoma of the Thyroid: Initial Presentation and Response to Therapy. [Journal Article] *Otolaryngology – Head and Neck Surgery*. 132(6):840-4,2005 Jun.
265. Saji M, Vasko V, Kada F, Albritton E H, Burman K, Ringel M. Disruption of AKT Nuclear Export Leads to P27-Dependent Cell Migration. January 2005. Submitted to *Cancer Research*

266. Szucs-Farkas Z, Toth J, Kollar J, Galuska L, Burman K, Boda J, Leovey A, Varga J, Ujhelyi B, Szabo J, Berta A, Nagy E. Volume Changes in Intra- and Extraorbital Compartment in Patients with Graves' Ophthalmopathy: Effect of Smoking. *Thyroid*, Vol. 15, Number 2, 2005.
267. Ringel M, Saji M, Vasko V, Kada F, Allbritton E, Burman K. AKT1 Contains a Functional Leucine-Rich Nuclear Export Sequence. *Biochemical and Biophysical Research Communications*, April 2005.
268. Burman K. Diagnosis and Management of Hypothyroidism in Women. *Menopause Management*, Vol. 14, Number 3, May/June 2005
269. Juan Diez, Pedro Iglesias, Kenneth Burman. Spontaneous Normalization of Thyrotropin Concentrations in Patients with Subclinical Hypothyroidism. *The Journal of Clinical Endocrinology & Metabolism*, Vol. 90 :4124-4127, July 2005.
270. Up to Date. Thyroiditis. 2005
271. Stathatos N, Bordeau I, Espinosa A, Saji M, Vasko V, Burman K, Stratakis C, Ringel M. KiSS-1/GPR54 Metastasis Suppressor Pathway Increases MCP-1 Expression and Chronically Inhibits Calcineurin Activity. *Journal of Clinical Endocrinology and Metabolism*. doi:10.1210/jc.2005-0963, July 2005
272. Hodak S, Burman KD, Janicic N, Jonklaas J. Parental use of MMI. Submitted to *Thyroid*.
273. Holst J, Van Nostrand D, Burman KD, Jonklaas J. Radioiodine therapy in Renal Patients. In Press, *Thyroid*.
274. Lu R, Burman KD, Jonklaas. Transient Grave's Hyperthyroidism During Pregnancy in a Patient with Hashimoto's Hypothyroidism. *Thyroid* 15: 725, 2005.
275. Burman KD. Should All Patients with a Thyroid Nodule Have Routine Serum Calcitonin Measurements? *Medscape Diabetes & Endocrinology* July 2005.
276. Burman KD. Special Presentations of Thyroid Cancer in Prgnancy, Renal failure, Thyrotoxicosis, and Struma Ovarii. *Thyroid Cancer: A Comprehensive Guide to Clinical Management*, 2/e. Edited by L Wartofsky and D VanNostrand, Humana Press Inc, 2005