

**CURRICULUM VITAE**

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**SHELDON L. SPECTOR, M. D.**

**Personal History**

Place of birth: Detroit, Michigan  
Marital status: Married - Judith  
3 Children

**Office Address**

California Allergy and Asthma Medical Group  
11645 Wilshire Blvd., Suite 1155  
Los Angeles, CA 90025  
(310) 966-9022  
Fax: (310) 966-9042

**Present Position**

Clinical Professor, Department of Medicine  
UCLA School of Medicine, Los Angeles, California

President/Director, California Allergy and Asthma Medical Group  
11645 Wilshire Blvd., Suite 1155  
Los Angeles, CA 90025

Associated with Antelope Valley Allergy Medical Group  
41230 11<sup>th</sup> Street West, Suite A  
Palmdale, CA 93551

Consultant for Garrison Family Practice Group  
41210 11<sup>th</sup> Street West, Suite A & C  
Palmdale, CA 93551

Consultant for Edralin Pediatrics  
1037 West Avenue North, Suite 202  
Palmdale, CA 93551

**Education**

Undergraduate:

University of Michigan - Ann Arbor, Michigan 1956-59  
Department of Zoology, University of Michigan 1958-59

Medical:

Summer Fellow, Michigan Heart Association, Wayne State University  
School of Medicine, Detroit, MI (Laboratory of Dr. Walter Seegers) 1960  
Extern, Highland Park General Hospital, Highland Park, Michigan 1963-64  
Wayne State University (M.D.) - Detroit, Michigan \*1960-64  
\*One year spent as USPHS Research Fellow, L'hopital Broussais  
Paris, France (Professor B.N.Halpern) 1961-62

Professional Training:

Internship:

Medicine: Mount Sinai Hospital, New York, NY 1964-65

**Education (cont'd)**

Residency:

Internal Medicine: Mount Sinai Hospital, New York, NY 1965-66

Research Investigator, Laboratory of Virology & Rickettsiology,  
DBS, National Institutes of Health 1966-68

Internal Medicine, Resident II, UCLA, Los Angeles, CA 1968-69

Fellowship:

Allergy & Clinical Immunology, National Jewish Hospital, Denver, CO 1969-71

**Military Service**

Commissioned Officer, U.S. Public Health Service, Bethesda, MD 1966-68

**Specialty Board Certifications**

American Board of Internal Medicine, #33977 1971

American Board of Allergy & Immunology, #976 1974

Recertified 1980

**Professional Positions Held**

1. Mount Sinai Hospital School of Medicine - New York City  
Assistant in Medicine 1965-66
2. National Jewish Hospital - Denver, Colorado  
Clinical Coordinator, Department of Allergy & Clinical Immunology 1971-72  
Head, Section of Allergy & Clinical Immunology 1972-81  
Representative to Governing Council - Denver Medical Society 1978-79  
Alpha Omega Alpha Society 1979
3. University of Colorado - Denver  
Assistant Professor of Medicine 1971-77  
Associate Professor of Medicine 1977-81
4. UCLA School of Medicine - Los Angeles, California  
Associate Clinical Professor of Medicine 1981-82  
Clinical Professor of Medicine 1982-present
5. Diplomate, National Board of Medical Examiners 1965
6. Member, Editorial Board, Internal Medicine for the Specialist 1982
7. Peer Reviewer, Board of Medical Quality Assurance, State of California 1983
8. Member, Editorial Board, Annals of Allergy, Asthma and Immunology 2001-2004
9. Pulmonary/Allergy Drugs Advisory Committee, Food & Drug Administration 1984-88
10. Member, Editorial Advisory Board, Respiratory Review 1985

11. Member, Editorial Board, Journal of Compliance in Health Care 1985
12. Member, Medical Services Review Committee, Los Angeles Co.Med.Assn. 1987-88
13. St. John's Hospital, Santa Monica  
Member, Education Committee, 1989  
Chairman, Post-Graduate Medical Assembly 1990

**Professional Positions Held (cont'd)**

14. American Academy of Allergy and Immunology,  
Chairman Elect of Interest Section for Asthma,  
Rhinitis and Other Respiratory Diseases 1992-93  
Chairman of Interest Section for Asthma,  
Rhinitis and Other Respiratory Diseases 1993-94  
Co-Chairman of Task Force on Practice Parameters 1993-98
15. Member, Editorial Board, Journal of Asthma, 1993 - present
16. Alternate Delegate, California Medical Society House of Delegates 1993-94
17. Associate Editor, Consultant and Author  
Internal Medicine Alert, American Health Consultants 1995-present
18. Medical Advisory Board Member, Allergy and Asthma Network  
Mothers of Asthmatics, Inc. 1985-95
19. Member, National Faculty of The Core Content Review of Family Medicine 1996-present
20. Co-Editor, The Epitomes, The Western Journal of Medicine 1997-98
21. Director, Allergy Medical Clinic 1981-1992
22. President/Director, California Allergy and Asthma Medical Group 1992-Present

**Visiting Professorships**

- The Hebrew University of Jerusalem, Israel 1978

**Honors and Special Lectureships**

- Lady Davis Post-doctoral Fellow in Allergy, Hebrew University, Israel 1977-78  
Original Research Award, William Beaumont Society  
Wayne State University School of Medicine, Detroit, Michigan  
President, William Beaumont Society  
L. E. Smith Lecturer  
Volunteer Clinical Faculty Award,  
American Academy of Allergy and Immunology 1993  
Distinguished Service Award,  
American College of Allergy and Immunology 1993  
Outstanding Alumnus Award, Wayne State University School of Medicine  
Alumni Association 1994  
Distinguished Service Award,  
American Academy of Allergy and Immunology 1994  
The Meritorious Service Medal, Colonel, U.S. Army Reserve 1997

**Major Scientific Interests**

Virology  
Allergy and Clinical Immunology, especially research

**Professional Societies & Committees**

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|----|---|--------------|
| 1. | American Association for the Advancement of Science: Member | 1967         |
| 2. | American Academy of Allergy and Immunology                  |              |
|    | Member  | 1970         |
|    | Fellow -  | 1974-present |
|    | Committee Member:   |              |
|    | Scientific Exhibits   | 1972         |
|    | Program   | 1985-86      |
|    | Public Education & Program Planning                         |              |
|    | Joint Steering Committee                                    | 1985-86      |
|    | Co-Chairman: First Refresher Course in Allergy & Immunology | 1973         |
|    | Chairman: Practice Standards Committee                      | 1989         |
|    | Chairman: Task Force on Practice Parameters                 | 1990-1998    |

**Professional Societies & Committees (cont'd)**

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| 3. | American College of Allergy & Immunology (formerly American College of Allergists) |              |
|    | Fellow   | 1980         |
|    | Member, Scientific & Education Council   | 1985-86      |
|    | Chairman, Scientific Committee on Pregnancy  | 1986-87      |
|    | Chairman, Education Committee  | 1989         |
|    | Chairman, Pregnancy in Asthma Committee  | 1989         |
|    | Member, Board of Regents   | 2000-present |
|    | Chairman, Occupational Asthma Committee  | 2000-present |
|    | Chairman, Professional Education Committee   | 2000-present |
|    | Executive Board Member   | 2001-present |
| 4. | American College of Chest Physicians   |              |
|    | Fellow   | 1976         |
|    | Vice-Chairman,   |              |
|    | Steering Committee Section on Allergy and Clinical Immunology                      | 1980         |
|    | Chairman, Section on Allergy and Clinical Immunology                               | 1981-82      |
|    | Chairman, Forum on Infection & Immunology  | 1982-83      |
| 5. | American College of Physicians:  |              |
|    | Member   | 1972         |
|    | Fellow   | 1976         |
| 6. | American Society of Internal Medicine  |              |
|    | Member   | 1972         |
| 7. | American Thoracic Society  |              |
|    | Member   | 1972         |
|    | Chairman, Subcommittee,  |              |
|    | Scientific Assembly on Allergy/Clinical Immunology                                 | 1983         |
| 8. | Colorado Allergy Society   |              |
|    | Member   | 1970         |

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| 9.  | Colorado Medical Society<br>Senior Member                           | 1974         |
| 10. | Denver Medical Society<br>Senior Member                             | 1974         |
| 11. | Los Angeles Society of Allergy<br>Member                            | 1982         |
|     | Member, Board of Directors  | 1989         |
|     | Secretary-Treasurer   | 1990         |
|     | President   | 1992         |
| 12. | California Medical Association                                      |              |
| 13. | California Thoracic Society   |              |
| 14. | California Society of Allergy & Clinical Immunology<br>Board Member | 1993-present |
|     | President   | 1998-99      |
| 15. | American Medical Association: Consultant for AMA Drug Evaluations   | 1985-86      |
| 16. | Medical Advisory Committee to the Poison Control Center             | 1991-92      |
| 17. | The Bay District Pulse: Bay District Officer                        | 1991-92      |

**Professional Societies & Committees (cont'd)**

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| 18. | Indian Academy of Allergy: Honorary Life Member                                      | 1992-present |
| 19. | Task Force on Practice Parameters for the AAAAI, ACAAI and Joint Council<br>Chairman | 1990-98      |
|     | Member   | 1998-present |
| 20. | American College of Allergy Occupational Asthma Committee<br>Co-Chairman             | 1999-present |
| 21. | USP Council of Experts Pulmonary Disease and Allergy Expert Committee                | 2000-present |
| 22. | Advisor, US Pharmacopacia, Pulmonary Division  |              |

**Present Hospital Affiliations**

UCLA - Los Angeles, CA  
Cedars Sinai Medical Center - Los Angeles, CA  
St. John's - Santa Monica, CA  
Daniel Freeman Hospital - Inglewood, CA  
Santa Monica UCLA Medical Center - Los Angeles, CA  
Barlow Respiratory Hospital - Los Angeles, CA  
Brotman Memorial Hospital - Culver City, CA

**Licensures**

Michigan	1964
New York	1964/69
California #G-014366	1968

## BIBLIOGRAPHY

### Papers Published In Press:

1. Halpern BN, Neveu T, Spector SL: On the nature of the chemical mediators involved in anaphylactic reactions in mice. *Brit J Pharmacol* 1963; 20:389.
2. Tauraso NM, Spector SL, Jahnes WG, Shelokov A: Yellow fever vaccine: I. Development of a vaccine seed from contaminating avian leukosis viruses. *Proc Soc Exp Bio Med* 1968; 127:111-20.
3. Spector SL, Tauraso NM: Yellow fever virus: I. Development and evaluation of a plaque neutralization test. *App Microbiol* 1968; 16:1770-75.
4. Spector SL, Tauraso NM: Development of a plaque neutralization test for measuring yellow fever virus antibody. American Society for Microbiology Bacteriological Proceedings, 68th Annual Meeting 1968; 73:156.
5. Tauraso NM, Spector SL, Kirschstein RL, Seligman EB Jr, Farber JF: Yellow fever vaccine: II. Antigenicity and neurovirulence of a vaccine seed from avian leukosis virus. *App Microbiol* 1969; 17:866-70, 1969.
6. Spector SL, Tauraso NM: Yellow fever virus: II. Factors affecting the plaque neutralization test. *App Microbiol* 1969; 18:736-43.
7. Nossel HL, Niemetz J, Waxman S, Spector SL: Defibrination syndrome in a patient with chronic thrombocytopenic purpura. *Amer J Med* 1969; 46:591-98.
8. Spector SL, Farr RS: Comments on bronchial inhalation provocative tests. *J Allergy Clin Immunol* 1971; 48:120-22.
9. Tauraso NM, Pedreira FA, Spector SL, Bernier GM: Effect of various methods of removing non-specific inhibitors to virus hemagglutination upon serum proteins and immunoglobulins. *Arch fur die gesamet Virusforschung* 1971; 34:214-22.
10. Tauraso NM, Spector SL, Trimmer RW: Yellow fever vaccine: III. Antibody response in monkeys inoculated with a vaccine free from contaminating avian leukosis virus. *Arch fur die gesamet Virusforschung* 1972; 37:1-61.
11. Tauraso NM, Coultrip RL, Legters LJ, Richman AV, Rosenberg DM, Savadge TO, Shelokov A, Spector SL, Trimmer RW: Yellow fever vaccine: IV. Reactogenicity and antibody response in volunteers inoculated with a vaccine free from contaminating avian leukosis virus. *Proc Soc Exp Bio Med* 1972; 139:439-46.
12. Farr RS, Kopetzky MT, Spector SL, Hurewitz DS: Asthma without wheezing. *Chest* 1973; 63:64S-68S.
13. Kinsman RA, Luparello TJ, O'Banion K, Spector SL: Multidimensional analysis of the subjective symptomatology of asthma. *Psychosom Med* 1973; 35:250-67.
14. Spector SL, English G, McIntosh K, Farr RS: Adenovirus in the sinuses of an asthmatic with apparent selective antibody deficiencies. *Amer J Med* 1973; 55:227-31.

15. Kinsman RA, O'Banion K, Resnikoff P, Luparello TJ, Spector SL: Subjective symptoms of acute asthma with heterogeneous sample of asthmatics. *J Allergy Clin Immunol* 1973; 52:284-96.
16. Spector SL, Farr RS: Bronchial inhalation procedures in asthmatics. *Med Clin North Am* 1974; 58:71-84.
17. Kinsman RA, Spector SL, Shucard DW, Luparello TJ: Observations on patterns of symptomatology of acute asthma. *Psychosom Med* 1974; 36:129.
18. Spector SL, Katz FH, Farr RS: Troleandomycin: Effectiveness in steroid dependent asthma and bronchitis. *J Allergy Clin Immunol* 1974; 54:367-69.
19. Spector SL, Farr RS: A comparison of methacholine and histamine inhalations in asthmatics. *J Allergy Clin Immunol* 1975; 56:308-16.
20. Stein MR, Spector SL: Cardiac response to repeated doses of isoproterenol aerosol. *Ann Int Med* 1975; 83:908-9.
21. Chai H, Farr RS, Froelich LA, Mathison DA, McLean JS, Rosenthal RR, Sheffer AL II, Spector SL, Townley RG: Standardization of bronchial inhalation challenge procedures. *J Allergy Clin Immunol* 1975; 56:323-27.
22. Spector SL, Luparello TJ, Kopetzky MT, Souhrada JF, Kinsman RA: Response of asthmatics to methacholine challenge and suggestion. *Am Rev Respir Dis* 1976; 113:43-50.
23. Spector SL, Farr RS: Atopy reconsidered. *Clin Allergy* 1976; 6:83-90.
24. Chai H, Farr RS, Froelich LA, Mathison DA, McLean JS, Rosenthal RR, Sheffer AL II, Spector SL, Townley RG: Standardization of bronchial inhalation challenge procedures. *J Allergy Clin Immunol* 1975; 56:323-27.
25. Spector SL: Modern management of asthma and bronchitis. *Comprehensive Therapy* 1976; 2:26-35.
26. Spector SL, Farr RS: The heterogeneity of asthmatic patients - an individualized approach to diagnosis and treatment. *J Allergy Clin Immunol* 1976; 57:499-511.
27. Farr RS, Spector SL: Medical management of reversible obstructive airway disease. In Recent Advances in Asthma Therapy. Vanceryl Inhaler Brand of Beclomethasone Dipropionate. Miami, Symposia Specialists, 1976, pp. 39-53.
28. Hudgel DW, Spector SL: Recurrences of pulmonary infiltration with eosinophilia in an asthmatic treated with beclomethasone dipropionate. *Chest* 1977; 72:359-60.
29. Weinberger M, Hudgel DW, Spector SL, Chidsey C: Inhibition of theophylline clearance by troleandomycin. *J Allergy Clin Immunol* 1977; 59:228-31.
30. Horton DH, Spector SL: Clinical pulmonary tuberculosis in an asthmatic patient using a steroid aerosol. *Chest* 1977; 71:540-42.
31. Spector SL, Hudson L, Petty TL: Effect of Bronkosol and its components on cardiopulmonary parameters in asthmatic patients. *J Allergy Clin Immunol* 1977; 59:371-76.
32. Spector SL, Garza-Gomez J: Dose-response effects of albuterol aerosol compared with isoproterenol and placebo aerosols. *J Allergy Clin Immunol* 1977; 59:280-86.

33. Kinsman RA, Dahlem NW, Spector SL, Staudenmayer H: Observations on subjective symptomatology, coping behavior and medical decisions in asthma. *Psychosom Med* 1977; 39:102-19.
34. Dirks JF, Kinsman RA, Jones NF, Spector SL, Davidson PT, Evans NW: Panic fear, a personality dimension related to length of hospitalization in respiratory illness. *J Asthma Research* 1977; 14:61-72.
35. Reich S, Early W, Raven T, Goodman M, Spector S, Stein M: Evaluation of gastropulmonary aspiration by a radioactive technique. *J Nuc Med* 1977; 18:1079-81.
36. Norris DA, Fine R, Weston WL, Spector SL: Monocyte cellular function to asthmatics on alternate day steroid therapy. *J Allergy Clin Immunol* 1978; 61:255-60.
37. Horton DJ, Suda WL, Kinsman RA, Souhrada J, Spector SL: Bronchoconstrictive suggestions in asthma: A role for airways hyperreactivity and emotions. *Am Rev Respir Dis* 1978; 117:1029-38.
38. Simpson DL, Goodman M, Spector SL, Petty TT: Long-term follow-up and bronchial reactivity testing in survivors of the adult respiratory distress syndrome. *Am Rev Respir Dis* 1978; 117:449-54.
39. Spector SL: Effect of beta adrenergic agents on skin test response and bronchial challenge responses. *Chest* 1978 (Suppl); 73S:976-77S.
40. Weinstein AM, Dubin BD, Podlesky WK, Spector SL, Farr RS: Asthma and pregnancy. *JAMA* 1979; 241:1161-65.
41. Spector SL, Staudenmayer H, Kinsman RA, Fukuhara J, Westmoreland C: Methacholine and histamine inhalation challenges in asthma: Relationship to age of onset, length of illness, and pulmonary function. *Allergy* 1979; 34:167-73.
42. Spector SL: Asthma: Current pathophysiologic and therapeutic aspects. *Hospital Medicine* 1979; 15:80-83.
43. Spector SL: Computer oriented characteristics of the asthmatic patient. *International Journal on Tissue Reactions*. 1979, December; 1:No.3-4.
44. Farr RS, Spector SL, Wangaard C: Asthma and non-steroidal anti-inflammatory drugs. *Ann Int Med* 1979; 89:577-78.
45. Staudenmayer H, Kinsman RA, Dirks JF, Spector SL, Wangaard C: Medical outcome in asthmatic patients: Effects of airway hyperreactivity and symptom-focused anxiety. *Psychosom Med* 1979; 41:109-18.
46. Spector SL: Use of provocation techniques for the evaluation of drug efficacy. *J Allergy Clin Immunol* 1979; 64:677-84.
47. Spector SL, Kinsman RA: More implications in reactivity characteristics of asthmatic patients to methacholine and histamine. *J Allergy Clin Immunol* 1979; 64:587-89.
48. Spector SL, Farr RS: Bronchial inhalation challenge with antigen. *J Allergy Clin Immunol* 1979; 64:580-86.
49. Jones LM, Spector SL, English GM, Taylor-Dawson K: Treatment of perennial rhinitis and flunisolide corticosteroid spray. *Ann Allergy* 1979; 42:139-44.

50. Farr RS, Spector SL, Wangaard CH; Evaluation of aspirin and tartrazine idiosyncrasy. *J Allergy Clin Immunol* 1979; 64:667-68.
51. Spector SL, Wangaard CH, Farr RS: Aspirin and concomitant idiosyncrasies in adult asthmatic patients. *J Allergy Clin Immunol* 1979;64:500-06.
52. Nathan RA, Kinsman RA, Spector SL, Horton DJ: Relationship between airways response to allergens and nonspecific bronchial reactivity. *J Allergy Clin Immunol* 1979; 64:491-99.
53. Spector SL: Management of chronic symptoms in the asthmatic patient. *Hospital Medicine* 1979; 15:16 26.
54. Spector SL: Effect of a selective beta-2 adrenergic agonist and theophylline on skin test reactivity and cardiovascular parameters. *J Allergy Clin Immunol* 1979; 64:23-28.
55. Rosenthal RR, Chai H, Mathison DA, Spector SL, Townley RG: Indications for inhalation challenge. *J Allergy Clin Immunol* 1979; 64:603,.
56. Spector SL, English G, Jones L: Clinical and nasal biopsy response to treatment of perennial rhinitis. *J Allergy Clin Immunol* 1980; 66:129-37.
57. Spector SL, Farr RS: Managing asthmatic patients during pregnancy. *J Resp Dis* 1980; 1:55-59.
58. Szeffler SJ, Rose JW, Ellis EF, Spector SL, Green AW, Jusko WJ: The effect of troleandomycin on methylprednisolone elimination. *J Allergy Clin Immunol* 1980; 66:447-51.
59. Smith SC Jr, Spector SL: Cardio-selective beta adrenergic therapy in a patient with asthma and hypertrophic obstructive cardiomyopathy. *Chest* 1981; 80:103-05.
60. Spector SL, Lotan A, English G, Philpot I: Comparison between transillumination in diagnosing paranasal sinus disease. *J Allergy Clin Immunol* 1981; 67:22-26.
61. Spector SL, Morris HG, Selner JC: Clinical responses and serum prostaglandin levels in aspirin idiosyncrasy: Effect of aspirin and a new nonsteroidal anti-inflammatory agent. *Chest* 1981; 80:676-81.
62. Morrill CG, Dickey DW, Weiser PC, Kinsman RA, Chai H, Spector SL: Calibration and stability of standard and MiniWright peak flow meters. *Ann Allergy* 1981; 46:70-73.
63. Spector SL: Tolerance to beta adrenergics and results of rising dose studies of albuterol, isoproterenol and placebo (Case Reports). *Ann Allergy* 1981; 47:394-401.
64. Labovitz E, Spector SL: Placental theophylline transfer in pregnant asthmatics. *JAMA* 1982; 247:786 88.
65. Spector SL, Wangaard C, Bardana EJ Jr: The use of cultures and immunologic procedure to predict oropharyngeal candidiasis in patients on steroid aerosols. *Clin Allergy* 1982; 12:269-78.
66. Szeffler SJ, Ellis EF, Brenner M, Rose JQ, Spector SL, Yurchak AM, Andrews F, Jusko WJ: Steroid-specific and anticonvulsant interaction aspects of troleandomycin-steroid therapy. *J Allergy Clin Immunol* 1982; 69:455-60.
67. Spector SL, Toshener D, Gay I, Rosenman E: Beneficial effects of propylene and polyethylene glycol and saline in the treatment of perennial rhinitis. *Clin Allergy* 1982; 12:187-96.

68. Spector SL: Idiosyncratic reactions to aspirin in adult asthmatics and bronchitics. *Int Med Specialist* 1982; 3:69-75.
69. Spector SL, Labovitz E: Transplacental theophylline transfer. *BronkoScope Curr Concept Pulm Med* 1982; 1:6-7.
70. Phung ND, Kubo RT, Spector SL: Alpha-1-antitrypsin deficiency and common variable hypogammaglobulinemia in a patient with asthma. *Chest* 1982; 81:112-15.
71. Spector SL: Oral and inhaled drugs in asthma: A current reappraisal. *Immunol Allergy Prac* 1983; 5:63-70.
72. Perry GB, Chai H, Dickey DW, Jones RH, Kinsman RA, Morrill CB, Spector SL, Weiser PC: Effects of particular air pollution on asthmatics. *Am J Pub Health* 1983; 73:50-54.
73. Klein JJ, Lefkowitz MS, Spector SL, Cherniack RM: Relationship between serum theophylline levels and pulmonary function before and after inhaled beta agonist in "stable" asthmatics. *Am Rev Respir Dis* 1983; 127:413-16.
74. Spector SL: The treatment of the asthmatic mother during pregnancy and labor. *Ann Allergy* 1983; 51:173-78.
75. Arbesman C, Bernstein IL, Bierman CW, Bocles JS, Katz R, Lieberman PL, Mattuci K, Meltzer EO, Middleton E, Noyes J, Pearlman DS, Pence HL, Slavin RG, Spector SL: Multicenter double-blind, placebo-controlled trial of flucortin butyl in perennial rhinitis. *J Allergy Clin Immunol* 1983; 71:597-603.
76. Nelson HS, Spector SL, Whitsett TL, George RB, Dwek JH: The bronchodilator response to inhalation of increasing doses of aerosolized albuterol. *J Allergy Clin Immunol* 1983; 72:371-75.
77. Spector SL: A comparison between beta agonists and theophylline in the treatment of asthma. *Immunol Allergy Pract* 1984; Vol.VI, #3: 82/91, 17/26.
78. Spector SL: Controversial and unproven techniques. Position statement from the ACCP Section on Allergy and Clinical Immunology. *Chest* 1984; 86:132-33.
79. Spector SL: Bronchial challenge tests: Practical help in asthma. *J Respir Dis* 1984; 5:106-20.
80. Rohr AS, Spector SL, Siegel SC, Katz RM, Rachelefsky GS: Comparison of the serum potassium (K+), glucose (G) and EKG changes with subcutaneous (SC) albuterol (ALB) and epinephrine (EPI). *Chest* 1984; 86:329.
81. Spector SL: The use of corticosteroids in the treatment of asthma. *Chest* 1985; 87:73S-79S.
82. Shucard DW, Spector SL, Euwer BA, Cummins KR, Shucard JL, Friedman A: Central nervous system side effects of antiasthma medication - an EEG study. *Ann Allergy* 1985; 54:177-84.
83. Spector SL: Advances in the treatment of bronchial asthma. *Comprehensive Therapy* 1985; 11:13-20.
84. Spector SL: Advantages and disadvantages of 24-hour theophylline. *J Allergy Clin Immunol* 1985; 76:302-11.
85. Spector SL: Is your asthmatic patient really complying? *Ann Allergy* 1985; 55:552-56.

86. Spector SL: Physiologic changes that occur in response to allergen induced challenge. *Clin Rev Allergy* 1985; 3:463-86.
87. Spector SL: Psychological factors in asthma. *Prac Cardiology* 1986; 12:150-59.
88. Spector SL, Kinsman R, Mawhinney H, Siegel SC, Rachelefsky GS, Katz RM, Rohr AS: Compliance of patients with asthma with an experimental aerosolized medication: Implications for controlled clinical trials. *J Allergy Clin Immunol* 1986; 77:65-70.
89. Rohr AS, Spector SL, Rachelefsky GS, Katz RM, Siegel SC: Efficacy of parenteral albuterol in the treatment of asthma and a comparison of its metabolic side effects with subcutaneous epinephrine. *Chest* 1986; 89:348-51.
90. Katz RM, Rachelefsky GS, Siegel SC, Spector SL, Rohr AS: Twice daily beclomethasone dipropionate in the treatment of childhood asthma. *J Asthma* 1986; 23:1-7.
91. Rachelefsky G, Rohr A, Katz R, Wo J, Gracey V, Spector S, Siegel S, Mickey MR: Sustained-release theophylline preparations in asthmatic children. *Amer J Dis Child* 1986; 140:336-40.
92. Rachelefsky GS, Wo J, Adelson J, Mickey MR, Spector SL, Katz RM, Siegel SC, Rohr AS: Behavior abnormalities and poor school performance due to oral theophylline usage. *Pediatrics* 1986; 78:1133-38.
93. Rohr AS, Spector SL, Siegel SC, Katz RM, Rachelefsky GS: Correlation between A-mode ultrasound and radiography in the diagnosis of maxillary sinusitis. *J Allergy Clin Immunol* 1986; 78:58-61.
94. Goldsobel A, Siegel SC, Spector SL, Katz RM, Rachelefsky GS, Rohr AS, Drayton G, Indianer L, Peter JB, Barr RJ, Gracey VL: Efficacy of doxepin in the treatment of chronic idiopathic urticaria. *J Allergy Clin Immunol* 1986; 78:867-73.
95. Rachelefsky GS, Rohr AS, Wo J, Gracey V, Spector SL, Siegel SC, Katz RM, Mickey MR: Use of a tube spacer, Aerochamber, to improve the efficacy of a metered dose inhaler in asthmatic children. *Amer J Dis Child* 1986; 140:1191-93.
96. Mawhinney H, Spector SL: Optimum management of asthma in pregnancy. *Drugs* 1986; 32:178-87.
97. Spector SL, Chairperson: Workshop 6: Compliance factors. Report of American Academy of Allergy and Immunology Task Force for Clinical Investigation of Nonbronchodilator Antiasthmatic Drugs. *J Allergy Clin Immunol* 1986 (Suppl); 78:529-33.
98. Spector SL, Siegel SC, Katz RM, Rachelefsky GS, Rohr AS: Theophylline dose dumping. *Chest* 1986; 89:317-18.
99. Spector SL, Perhach JL, Rohr AS, Rachelefsky GS, Katz RM, Siegel SC: Pharmacodynamic evaluation of azelastine in subjects with asthma. *J Allergy Clin Immunol* 1987; 80:75-80.
100. Rohr AS, Siegel SC, Katz RM, Rachelefsky GS, Spector SL, Lanier R: A comparison of inhaled albuterol and cromolyn in the prophylaxis of exercise-induced bronchospasm. *Ann Allergy* 1987; 59:107-09.
101. Spector SL: Adverse reactions associated with parenteral beta agonists, serum potassium changes. *NER Allergy Proc* 1987; 8:317-21.

102. Bronsky E, Bucholtz GA, Busse WW, Chervinsky P, Condemi J, Ghafouri MA, Hudson L, Lakshminarayan S, Lockey R, Reese ME, Rennard SI, Segal A, Smolley L, Spector S, Stabelein JJ, Van As, Wilson A: Comparison of inhaled albuterol powder and aerosol in asthma. *J Allergy Clin Immunol* 1987; 79:741-47.
103. English GM, Spector S, Farr R, Carr R: Histopathology and immunofluorescent immunoglobulins in asthmatics with aspirin idiosyncrasy. *Arch Otolaryngol Head Neck Surg* 1987; 113:377-79.
104. Kemp JP, Meltzer EO, Orgel A, Welch MJ, Bucholtz GA, Middleton E, Spector SL, Newton JJ, Perhach JL Jr: A dose-response study of the bronchodilator action of azelastine in asthma. *J Allergy Clin Immunol* 1987; 79:893-99.
105. Spector SL, Altman R: Cetirizine, a novel antihistamine. *Amer J Rhinol* 1987; 3:147-49.
106. Rohr AS, Spector SL: Sinusitis: Pathophysiology, diagnosis, and management. *Immunol Allergy Clin No Amer* 1987; 7:383-91.
107. Grant JA, Bernstein DI, Buckley CE, Chu T, Fox RW, Rocklin RE, Schoenwetter WF, Spector SL, Stafford CT, Stroh E Jr, Karpenter KM: Double-blind comparison of terfenadine, chlorpheniramine, and placebo in the treatment of chronic idiopathic urticaria. *J Allergy Clin Immunol* 1988; 81:574-79.
108. Tan R, Spector S: Review of guidelines for the treatment of asthma. *Pediatric Rounds: A Focus on Allergic Respiratory Disorders*. 1988;6(1):7-8.
109. Blumenthal MN, Selcow J, Spector SL, Zeiger RS, Mellon M: A multicenter evaluation of the clinical benefits of cromolyn sodium aerosol by metered-dose inhaler in the treatment of asthma. *J Allergy Clin Immunol* 1988; 86:681-87.
110. Spector SL: Bronchial challenge tests: Practical help in asthma. *J Respir Dis* 1988; 9:96-106.
111. Mawhinney H, Kinsman R, Spector SL: The anxiety of asthma: Helping the patient cope. *J Respir Dis* 1988; 9:39-47.
112. Adelman DC, Spector SL: Update on asthma therapy. *Comprehensive Therapy* 1988; 14:67-74.
113. Rachelefsky GS, Grossman J, Conrad E, Wo J, Kawakami K, Rohr AS, Spector SL, Katz RM, Siegel SC, Ball R, Osur S, Shulan D: Ultraslow release theophylline in the pediatric patient. *Pediatr Asthma Allergy Immunol* 1988; 2:109-115.
114. Spector SL: Topical intranasal corticosteroid therapy in rhinitis. *J Allergy Clin Immunol* 1988; 81:984-91.
115. Quaranta JH, Rohr AS, Rachelefsky GS, Siegel SC, Katz RM, Spector SL, Mickey MR: The natural history and response to therapy of chronic urticaria and angioedema. *Ann Allergy* 1989; 62:421-424.
116. Spector SL: Ocular, nasal and oral cromolyn sodium in the management of non-asthmatic allergic problems. *Allergy Proc* 1989; 10:191-95.
117. Kemp JP, Furukawa CT, Bronsky EA, Grossman J, Lemanske RF, Mansfield LE, Murphy S, Ratner PH, Reese ME, Spector SL, Tinkelman DG: Albuterol treatment for children with asthma: A comparison of inhaled powder and aerosol. *J Allergy Clin Immunol* , 1989; 83:697-702.
118. Spector SL, Mawhinney H: More on patient compliance. *J Allergy Clin Immunol* 1989; 84:409-410.

119. Adelman DC, Spector SL: Acute respiratory emergencies in emergency treatment of the injured athlete. *Clinics Sports Med* 1989; 8:71-79.
120. Spector SL: Outpatient treatment of asthma. *Ann Allergy*, 1989; 63:591-7.
121. Goldenhersh MG, Spector SL: Corticosteroid use in pediatric asthma. *Am J Asthma Allergy Pediatr* 1989; 3:8-18.
122. Spector SL: Management of chronic idiopathic urticaria. (Epitomes). *West J Med*, 1989; 150:337.
123. Spector SL: Asthma as an inflammatory disease: A look at the evidence. *J Respir Dis*, 1989; 10(Suppl):S13-S18.
124. Tinkelman DG, Bucholtz GA, Kemp JP, Koepke JW, Repsher LH, Spector SL, Storms WW, Van As A: Evaluation of the safety and efficacy of multiple doses of azelastine to adult patients with bronchial asthma over time. *Am Rev Respir Dis*, (in press) 1990.
125. Tinkelman DG, Brandon ML, Grieco M, Hudson L, Rosenthal RR, Spector SL, Tashkin D, Votteri B: Comparison of safety and efficacy of inhaled pirbuterol with metaproterenol. *Ann Allergy* 1990; 64:202-206.
126. Goldenhersh MJ, Rachelefsky GS, Dudley J, Brill J, Katz RM, Rohr AS, Spector SL, Siegel SC, Summanen P, Baron EJ, Feingold S: The microbiology of chronic sinus disease in children with respiratory allergy. *J Allergy Clin Immunol* 1990; 85:1030-9.
127. Spector SL, Bronsky E, Chervinsky P, Lotner G, Koepke J, Selner J, Pearlman D, Tinkelman D, Weakley S, Alderfer V, Gorder JW, Wilkinson DJ: Multicenter, double-blind, placebo-controlled trial of triamcinolone acetonide nasal aerosol in the treatment of perennial allergic rhinitis. *Ann Allergy* 1990; 64:300-05.
128. Spector SL: Patient education guide: Averting "steroidophobia" in asthmatics. *J Respir Dis* 1990; 11:96-98.
129. Goldenhersh MJ, Rachelefsky GS, Dudley J, Brill J, Katz RM, Rohr AS, Spector SL, Siegel SC, Summanen P, Baron EJ, Finegold S: The microbiology of chronic sinus disease in children with respiratory allergy. *J Allergy Clin Immunol* 1990; 85:1030-39.
130. Meltzer EO, Orgel HA, Bronsky EA, Furukawa CT, Grossman J, LaForce CF, Lemanske RF Jr, Paull BR, Pearlman DS, Ratner PH, Spector SL, Tinkelman DG, van As A, Rogenes PR: A dose-ranging study of fluticasone propionate aqueous nasal spray for seasonal allergic rhinitis assessed by symptoms, rhinomanometry, and nasal cytology. *J Allergy Clin Immunol* 1990; 86:221-30.
131. Spector SL: Blockage of a "nonspecific" provocative challenge as a model for predicting clinical efficacy. *J Allergy Clin Immunol* 1990; 86:657-59.
132. Mahan C, Spector SL, Siegel SC, Katz RM, Rachelefsky GS, Rohr AS: Multi-test versus Morrow Brown needle. *J Allergy Clin Immunol* 1990; 86:275-76.
133. Spector SL, Druce HM, Fireman P, Kaiser, H, Meltzer, Eli, Boggs P, Wood CC Paluch EP: Intranasal ipratropium bromide nasal spray in nonallergic rhinitis: A randomized, double-blind parallel comparison versus placebo: American Academy of Allergy and Immunology;1990;paper in progress
134. Cocchetto DM, Sykes RS, Spector SL: Paradoxical bronchospasm after use of inhalation aerosols: A review of the literature. *J Asthma* 1991;28:49-53.

135. Spector SL: Asthma and Chronic Obstructive Lung Disease: A Pharmacologic Approach. *Disease-a-Month* 1991; 37(1).
136. Spector SL, Findlay S, Bronsky E, Dockhorn R, Green A, Grossman J, Kaiser H, Pinnas J, Rowe M, Southern L, Tinkelman D, Webb R, Huber F, Garcia J Ph.D., Huang L Ph.D.: Multicenter, Double-Blind, Placebo-Controlled Evaluation Of Once-A-Day Intranasal Administration of Nasacort® In Patients With Seasonal Allergic Rhinitis. *Ann Allergy* 1991;
137. Katz RM, Amedee RG, Fireman P, Kohl R, Meltzer E, Monroe E, Simons RE, Slavin RG, Spector SL: Nonsedating Antihistamines: New Uses, Novel Research; *J. Respiratory Diseases*, April 1991; supplement
138. Cocchetto DM Ph.D., Sykes RS, Spector SL: Paradoxical Bronchospasm after Use of Inhalation Aerosols: A Review of the Literature. *J Asthma* 1991; 28(1) 49-53
139. Mawhinney H, Spector SL: Noncompliance In Asthma Patients-And How To Address The Problem. *Masters in Allergy* 1991; Volume 3, #2; 15-17
140. Mawhinney H, Spector SL, Kinsman RA, Siegel SC, Rachelefsky GS, Katz RM, Rohr AS: Compliance IN Clinical Trials Of Two Nonbronchodilator, Antiasthma Medications. *Annals of Allergy* 1991; 66 294-299.
141. Spector SL: Determination Of Airway Hyperreactivity To Allergens And Other Bronchoconstrictive Substances; Chapter 4; 1991
142. Afrasiabi R, Spector SL: Exercise-Induced Asthma: *The Physician and Sportsmedicine*; vol 19; pp 49-62
143. Spector SL: Azelastine: *Consultant* 1991: pp 35-36
144. Spector SL: A 6-Year-Old with chronic Nasal Congestion: *Consultant* 1991: pp 19-24
145. Spector SL: Common Triggers Of Asthma: *Symposium*: 1991 pp 50-59
146. Camacho AE, Cobo R, Otte J, Spector SL, Lerner CJ, Garrison NA, Miniti A, Mydlow PK, Giguere GC, Collins JJ: Clinical comparison of cefuroxime axetil and amoxicillin/clavulanate in the treatment of patients with acute bacterial maxillary sinusitis: *Amer J of Medicine*, September 1992, vol 93, Num 3, pp 271-6.
147. Spector SL: Exercise-induced bronchospasm: Mechanisms and management: *J of Resp Dis*; vol 13, No.6 supp: June 1992
148. Greenwald M, Brandli D, Golde G, Spector SL, Silverman S: Corticosteroid-induced osteoporosis: effects of a treatment with slow-release sodium fluoride: *Osteoporosis Int*; June 1992
149. Spector SL: The coughing soccer player: *Clin Cases in All Dis*: Fall 1992, pp 1-4
150. Casillas AM, Spector SL: Nonsedating antihistamines: An overview: *Drug Therapy*: August 1992, vol.22, no.8, pp 29-35
151. Spector SL, Raizman MB: Conjunctivitis medicamentosa. *J Allergy Clin Immunol*: 1994, pp 134-136.
152. Arlian LG, Bernstein D, Bernstein IL, Friedman S, Grant A, Lieberman P, Lopez M, Metzger J, Platts-Mills T, Schatz M, Spector SL, Wasserman SI, Zeiger RS: Prevalence of dust mites in the homes of people with asthma living in eight different geographic areas of the United States: *J Allergy Clin Immunol*; September 1992, Vol 90, Num 3, part 1, pp 292-300.

153. Spector SL, Lee N, McNutt B, Katz RM, Huster W, Siegel SC, Rachelefsky GR, Rohr A: Effect of Terfenadine in Asthmatic Patients: *Annals of Allergy*, September, 1992, Vol 69, Num 3, pp 212-6.
154. Spector SL: The role of allergy in sinusitis in adults: *J Allergy and Clin Immunol*, September, 1992, Vol 90, Num 3, part 2, pp 518-20
155. Spector SL, : Intranasal anticholinergic treatment of nasal disorders; *J Allergy and Clin Immunol*, December, 1992, Supplement Vol 90, No. 6, Part 2, *Guest Editor*
156. Spector SL: Oral Steroid Therapy for Asthma and Contact Dermatitis. *JAMA* 1992; Vol 268(14):1926
157. Schanker HM, Rachelefsky G, Siegel SC, Katz RM, Spector SL, Rohr AR, Rodriquiz C, Woloshin K, Papanek PJ: Immediate and delayed type hypersensitivity to malathion. *Annals of Allergy*, December, 1992, Vol 69, Num 6
158. Mawhinney H, Spector SL, Heitjan D, Kinsman RA, Dirks JF, Pines I: As-Needed Medication Use in Asthma Usage Patterns and Patient Characteristics: *J Asthma*, 1993: 30 (1), 61-71
159. Spector SL: Two antibiotics compared in acute bacterial maxillary sinusitis: *Today in Med*, 1993: 6 (1), 32-33
160. Bronsky E, Spector SL, Pearlman D, Justus S, Bishop A: Albuterol aerosol versus albuterol rotacaps in exercise-induced bronchospasm in children. *Pediatrics* (In Press).
161. Druce HM, Spector SL, Fireman P, Kaiser H, Meltzer EO, Boggs P, Wood CC, Paluch EP: A randomized, double-blind, placebo-controlled, parallel-comparison study of intranasal ipratropium bromide 0.03% administered twice a day in nonallergic perennial rhinitis. *Annals of Allergy* (In Press)
162. Mahan C, Spector SL, Siegel SC, Rachelefsky GS, Katz R, Rohr A: Validity and reproducibility of multitest skin test device. *Ann Allergy* 1993;71(1):25-28.
163. Spector SL, Mahan C, Siegel SC, Katz RM, Rachelefsky GR: Morrow-Brown Needles Revisited. *J Allergy Clin Immunol* 1993; 691
164. Spector SL: Allergic and nonallergic rhinitis: Update on pathophysiology and clinical management. *J Clin Phar* 1993 (In press)
165. Spector S: Introduction, Scientific and Clinical Advances in the Treatment of Allergies: Symposium Presented at the November 15, 1992 Meeting of the American College of Allergy and Immunology. *Ann Allergy* 1993,71:569-570.
166. Spector S: Update on exercise-induced asthma. *Ann Allergy* 1993,71:571-577.
167. Spector S, et al. International Consensus Report on the Diagnosis and Management of Rhinitis. International Rhinitis Management Working Group. *Allergy (European Journal of Allergy and Clinical Immunology)* 1994,19(49):1-34.
168. Spector SL, Smith, LJ, Glass M and the ACCOLATE™ Asthma Trialists Group. Effects of 6 weeks of therapy with oral doses of ICI 204,219, a leukotriene D<sub>4</sub> receptor antagonist, in subjects with bronchial asthma. *Am J Respir Crit Care Med* 1994,150:618-623.

169. Corren J, Spector SL. The role of allergy in the treatment of asthma. *Current Opinion in Pulmonary Medicine*, 1995,1:58-64.
170. Spector S. Allergic and non-allergic rhinitis: update on pathophysiology and clinical management. *Amer J of Therapeutics* 1995, 2:290-295.
171. Bronsky E, Spector S, Pearlman D, Justus S, Bishop A: Albuterol aerosol versus albuterol Rotocaps<sup>®</sup>, in exercise-induced bronchospasm in children. *J of Asthma* 1995, 32(3):207-214.
172. Meltzer E, Spector S (eds): Anticholinergic therapy for allergic and nonallergic rhinitis and the common cold. *Supplement to the J Allergy and Clin Immunol* 1995, 95(#5)part 2.
173. Spector S: The common cold: current therapy and natural history. *Supplement to the J Allergy and Clin Immunol* 1995, 95(#5)part 2:1133-38.
174. Bernstein IL, Blessing Moore J, Fineman S, Gutman A, Lee RE, Nicklas RA, Pearlman DS, Spector SL (eds). Establishing practice parameters (editorial). *J Allergy and Clin Immunol* 1995;96:1-4.
175. Busse WW, Kiecolt-Glaser JK, Coe C, Martin RJ, Weiss ST, Parker SR (Spector S, et al - participants). Stress and Asthma. NHLBI Workshop Summary. *Am J Respir Crit Care Med* 1995;151:249-252.
176. Spector S, Nicodemus CF, Corren J, Schanker H, Rachelefsky G, Katz R, Siegel S: Comparison of the bronchodilatory effects of cetirizine, albuterol, and both together versus placebo in patients with mild-to-moderate asthma. *J Allergy and Clin Immunol* 1995,96(2):174-181.
177. Katz R, Friedman S, Diamant M, Siegel S, Rachelefsky G, Spector S, Rohr A, Schoettler J, Dorris A: A comparison of imaging techniques in patients with chronic sinusitis (X-ray, MRI, A-mode ultrasound). *Allergy Proceedings* 1995,16(3):123-127.
178. Spector S: Implications of Practice Parameters (Guidelines). *Allergy Proceedings* 1995,16(6): 303-304. .
179. Spector S: Review of the properties and features of ceftibuten: a new orally active antibiotic. *Infectious Diseases in Clin Practice*, 1995;4:(2 Suppl):S113-S123.
180. Tan R, Spector S: Treatment of allergic conjunctivitis. *Practical Allergy & Immunol* 1995;10:5:186-192.
181. Spector S: Leukotriene inhibitors and antagonists in asthma. *Annals of Allergy, Asthma & Immunol.* 1995;75:463-470.
182. Fineman S, Spector S, Nicklas R, Bernstein IL, Blessing-Moore J, Strunk R, Gutman A, Pearlman D, Lee, R: Preliminary proposal for Practice Parameters. *Annals of Allergy, Asthma & Immunol.*, 1995;75:482-484.
183. Bernstein IL, Blessing-Moore J, Fineman S, Gutman A, Lee R, Nicklas R, Pearlman D, Spector S: Practice Parameters for allergy diagnostic testing. *Annals of Allergy, Asthma & Immunol.*, 1995;75(6):543-625.
184. Spector S, Nicklas R (eds): Practice Parameters for the diagnosis and treatment of asthma. *J Allergy & Clin Immunol.*, 1995; 96(5):707-870.
185. Bernstein IL, Spector S, et al: A placebo-controlled multi-center study of Auranofin in the treatment of corticosteroid-dependent asthmatics. *J Allergy & Clin Immunol.*1996;98:317-24.
186. Spector S (Executive Editor): Redefining Rhinitis: Consensus Conference Proceedings, Part I. UCLA School of Medicine, Office of Continuing Medical Education, 1995.

187. Spector S (Executive Editor): Redefining Rhinitis: Consensus Conference Proceedings, Part II - Practical Guidelines for Recognition, Treatment and Prevention. UCLA School of Medicine, Office of Continuing Medical Education, 1995.
188. Spector S, Baraniuk J, Brunton S, Meltzer E: The scope of allergic rhinitis. *Dialogues In Redefining Rhinitis*, 1996;1(1). UCLA School of Medicine, Office of Continuing Medical Education, Sheldon Spector Executive Editor.
189. Saxon A, Greinleder D, Pearlman D, Quan M, Spector S: Exploring the allergy-asthma connection. *Dialogues In Redefining Rhinitis*, 1996;1(2). UCLA School of Medicine, Office of Continuing Medical Education, Sheldon Spector Executive Editor.
190. Kemp J, Pearlman D, Tinkelman D, Weiler J, Bernstein D, Busse W, DeGraff A, Diamond L, Dockhorn R, Mansfield L, Pierson W, Seltzer J, Spector S, Goldstein M, Lawrence M, D;Eletto, T: An evaluation of the efficacy and safety of azelastine in patients with chronic asthma. *J Allergy Clin Immunol* 1996;97:1218-24.
191. Baraniuk J, Meltzer E, Spector S: Chronic Airway Diseases: Reassessing the Role of Allergy. (Editor: Busse W) *J Resp Disease* 1996;17(8)[Supplement:] S1-S56.
192. Spector S: Management of asthma with zafirlukast: Clinical experience and tolerability profile. *Drugs* 1996; 52(suppl 6):36-46.
193. Finn A, Spector S: Ipratropium bromide nasal spray 0.03% provides additional relief from rhinorrhea combined with terfenadine in perennial rhinitis patients. *Annals of Internal Med* 1996, in press.
194. Spector S: Bronchial inhalation challenge procedures with allergens and other bronchoconstrictor substances. *Allergie et Immunologie* 1996;28:112-118.
195. Nicklas R, Bernstein IL, Blessing-Moore J, Fineman S, Gutman A, Lee R, Li J, Berger W, Spector S (eds): Practice parameters for allergen immunotherapy. *J Allergy Clin Immunol* 1996;98:1-11.
196. Schanker HM, Spector SL: Scuba diving in individuals with asthma. *Allergy & Asthma Proc* Nov-Dec 1996;17(6): 311-313.
197. Bernstein IL, Fink J, Edwards T, Spector S, Storms W, Tashkin D: Oral glucocorticosteroid-sparing effect of budesonide administered via Turbuhaler. *Chest*, in press.
198. Spector L: Allergic rhinitis. *Allergy and Asthma Magazine (Professional Edition)*. Spring, 1996;5(1)1-3. Health Line Publishing, Inc. Menlo Park, CA.
199. Spector L: A runny nose - nothing to sneeze at. *Allergy and Asthma Magazine (Consumer Edition)*. Spring, 1996;5(1)4-5. Health Line Publishing, Inc. Menlo Park, CA.
200. Spector S: Overview of comorbid associations of allergic rhinitis. *J Allergy Clin Immunol* 1997;99:S773-80.
201. Spector S: Alternative treatments in the patient with intractable asthma. *Current Opinion in Pulmonary Medicine* 1997;3:23-29.
202. Spector S: Leukotriene Activity Modulation in Asthma. *Drugs* 1997 Sep; 54(3):369-384.
  - a. Spector S, Fish JE: A new approach: clinical review of zafirlukast (Accolate™, ICI-204,219). *Eur Respir Rev* 1997;7:46,269-273

203. Spector S, Fish JE: A new approach: clinical review of zafirlukast (Accolate<sup>TM</sup>, ICI-204,219). *Eur Respir Rev* 1997;7:46,269-273
204. Spector S: Treatment of the unusually difficult asthmatic patient. *Allergy & Asthma Proc* 1997;18:153-155.
205. Tan R, Spector S: Antileukotriene agents: finding their place in asthma therapy. *Contemporary Internal Medicine* 1997;9(8):46-53.
206. Spector S: Antileukotrienes - 1997 and beyond. *ACI International* 1997;9(3):79-82.
207. Tan R, Spector S: Chronic cough. *Comprehensive Therapy* 1997; 23(7):467-471.
208. Tan R, Spector S: Antileukotriene agents in asthma. *Science & Medicine* 1997;4(4):26-33.
209. Spector S: The allergy-sinusitis link: treatment of sinusitis with an allergic component. *Supplement to Hospital Medicine* 1997;33(2S):28-34.
210. Spector S, et al (Members of the Joint Task Force on Practice Parameters), and Work Group on Atopic Dermatitis: Disease management of atopic dermatitis: a practice parameter. *Ann Allergy Asthma Immunol* 1997;79:197-211.
211. Pollard S, Spector S, Yancey S, et al: Salmeterol versus theophylline in the treatment of asthma. *Ann Allergy Asthma Immunol* 1997;78:457-64.
212. Tan R, Spector S: Exercise-induced asthma. *Sports Med* 1998 Jan;25(1):1-6.
213. Simmons M, Nides M, Kleerup E, Chapman K, Milgrom H, Rand C, Spector S, Tashkin D: Validation of the Doser<sup>TM</sup>, a new device for monitoring metered-dose inhaler use. Submitted for publication.
214. Spector S: Using antileukotrienes in asthma therapy. *Internal Medicine* 1998;19(8):12-23.
215. Spector S, Tan RA: Antileukotrienes in chronic urticaria. *J Allergy Clin Immunol* 1998; Vol 101:572
216. Nicklas RA, Bernstein IL, Li JT, Lee RE, Spector S, Dykewicz MS, Fineman S, Berger WE, Blessing-Moore J, Schuller DE (Members of the Joint Task Force on Practice Parameters): The diagnosis and management of anaphylaxis: a practice parameter. *J Allergy Clin Immunol* 1998;101(6), part 2.
217. Spector S, et al (Members of the Joint Task Force on Practice Parameters): Parameters for the diagnosis and management of sinusitis. *Supplement to J Allergy Clin Immunol* 1998;102(6), part 2.
218. Dykewicz MS, Fineman S (Editors), Skoner DP (Chair, Workgroup on Rhinitis), Nicklas R, Lee R, Blessing-Moore J, Li JT, Bernstein IL, Berger W, Spector S, Schuller D (Associate Editors): Diagnosis and Management of Rhinitis: Parameter Documents of the Joint Task Force on Practice Parameters in Allergy, Asthma, and Immunology. *Ann Allergy Asthma Immunol* 1998 Nov(part II of II);81(5)
219. Spector S: Ideal pharmacotherapy for allergic rhinitis; *J Allergy Clinical Immunol* 1999;pp386-387.
220. Spector S: Forward. *J Allergy Clinical Immunology* 1999; p.377.
221. Bousquet J, Metzger WJ, Spector SL, Townely RG, Wenzel SE, Mygind N: Immunobiology of Asthma and Rhinitis – Pathogenic Factors and Therapeutic Options; Current Therapies and Future Prospects for the Concomitant Treatment of Asthma and Rhinitis. *Am J Respir Crit Care Med* 1999;160, pp 1782-1787.

222. Spector S: Allergic inflammation in upper and lower airways. *Ann Allergy Asthma Immunol* 1999 Nov;83(5):435-444.
223. Tan R, Spector S: Diagnostic testing in occupational asthma. *Ann Allergy Asthma Immunol* 1999 Dec;83(6):587-592.
224. Bernstein IL, Gruchalla R, Lee R, Nicklas R, Dykewicz M (Chief Editors), and Shepherd G, Berger W, Fineman S, Li J, Portnoy J, Schuller D, Spector S (Associate Editors): Disease Management of Drug Hypersensitivity: A Practice Parameter. *Ann Allergy Asthma Immunol* 1999 Dec;83(6):665-700.
225. Dykewicz M, Spector S: Sinusitis guidelines, part 1: The diagnostic work-up. *J Respiratory Diseases* 1999 Dec;20(12):825-828.
226. Garrison N, Spector S, Buffington D, Stafford C, Granito K, Zhang H, Talbot GH: Spafloxacin for the Treatment of Acute Bacterial Maxillary Sinusitis Documented by Sinus Puncture. *Ann Allergy Asthma Immunol* 2000 Jan;84(1):63-71.
227. Spector, SL: Use of Antileukotriene Agents in Asthma Management. *Comprehensive Therapy* 2000 Spring;26(1):31-38.
228. Dykewicz M, Spector S: Sinusitis: Making the Diagnosis. *Consultant* 2000 Mar;40(3):603-606.
229. Spector SL: The linkage between rhinitis, sinusitis, and asthma. *International Journal on Immunorehabilitation* 2000 May;2(3):58-61.
230. Spector S: Noncompliance with Asthma Therapy – Are There Solutions? *Journal of Asthma* 2000;37(5):381-388.
231. Spector S: Leukotrienes and the mechanism by which the LTRAs block their asthma-related effects. *Asthma Management – A Postgraduate Medicine Special Report* 2000 Sept:6-11.
232. Wanderer AA, Bernstein IL, Goodman DL, Nicklas RA, Li JT, Berger WE, Dykewicz MS, Fineman SM, Lee RE, Portnoy JM, Schuller DE, Spector SL: The Diagnosis and Management of Urticaria: a Practice Parameter. *Ann Allergy Asthma Immunol* 2000 Dec(part 2 of 2):85(6):521-544.
233. Spector SL: The linkage between rhinitis, sinusitis, and asthma. *Clinical and Applied Immunology Reviews I* 2001:229-234.
234. Spector SL: Safety of antileukotriene agents in asthma management. *Ann Allergy Asthma Immunol* 2001 Jun;86(6):18-23.
235. Tan RA, Spector SL: Exercise-induced asthma: diagnosis and management. *Annals of Allergy, Asthma & Immunology* 2002;89: 226-236.
236. Tan RA, Spector SL: The effectiveness of montelukast in the treatment of cough-variant asthma. *Annals of Allergy, Asthma & Immunology* 2003;90:131.
237. Spector SL, Tan RA, Otsuji A, Attiah N, Moreno J, Patrimonio L: Topical nebulized montelukast for nasal polyps.
238. Tinkleman DG, Bronsky EA, Gross G, Shoenwetter WF, Spector SL: Efficacy and safety of budesonide inhalation powder (Pulmicort turbuhaler) during 52 weeks of treatment in adults and children with persistent asthma. *Journal of Asthma* 2003;40(3):225-236.

239. Spector SL, Surette ME: Diet and asthma: has the role of dietary lipids been overlooked in the management of asthma? *Annals of Allergy, Asthma, & Immunology* 2003 April;90:371-377.
240. Tan RA, Spector SL: Provocation studies in the diagnosis of occupational asthma. *Immunology and Allergy Clinics of North America* 2003;23:251-267.
241. Knoell DL, Spector SL: Insights from a case study: Minimizing the impact of inadequately controlled moderate to severe asthma. *Care Management* 2004 Feb;38-43.
242. Spector SL et al: Efficacy and safety of oral telithromycin once daily for 5 days versus moxifloxacin once daily for 10 days in the treatment of acute bacterial rhinosinusitis. *Otolaryngology-Head and Neck Surgery* 2004 (in press).
243. Spector, S. Omalizumab: efficacy in allergic disease. *Panminerva Med* 2004 Jun;46(2):141-148.
244. Moffitt, J, et al including Spector, S. Stinging insect hypersensitivity: A Practice Parameter Update. *J Allergy Clin Immunol* 2004 Oct; 114(4):869-886.
245. Ferguson, B, Guzzetta, R, Spector S, Hadley, J: Efficacy and safety of oral telithromycin once daily for 5 days versus moxifloxacin once daily for 10 days in the treatment of acute bacterial rhinosinusitis. *Otolaryngol Head Neck Surg* 2004;131:207-14.
246. Spector, SL, Tan, R: Clinical Updates in Women's Health Care *Common Respiratory Disorders*. The American College of Obstetricians and Gynecologists. April 2005;4:2.
247. Spector, SL et al. Lysozyme levels in the nasal secretions of patients with perennial allergic rhinitis and recurrent sinusitis. *Annals of Allergy, Asthma, and Immunology*. 2004;93:288-292.
248. Spector, SL, Tan, R. Effectiveness of montelukast in the treatment of cough variant asthma. *Annals of Allergy, Asthma, and Immunology*. 2004; 93: 232-236.
249. Spector, SL et al. Disease management of atopic dermatitis: an updated practice parameter. Supplement to *Annals of Allergy, Asthma and Immunology*. 2004; 93(3) Supp 2.
250. Spector, SL, R. Tan. Clinical Updates in Women's Health Care- Common Respiratory Disorders. The American College of Obstetricians and Gynecologists. 2005;4(2).
251. Spector, SL et al. The diagnosis and management of anaphylaxis: An updated practice parameter. *J Allergy Clin Immunol*. 2005;115:S483-523.
252. Spector, SL, RA Tan. Asthma and Exercise. *Prog Respir Res*. Basel, Karger, 2002; 32: 205-216.
253. Spector, SL, et al. Role of Cromolyn Sodium in Adult Asthma. *Cromolyn Sodium: Fitting an old Friend into Current Asthma Treatment*. Newsletter 3.
254. Spector, SL, et al. Once-daily fexofenadine treatment for chronic idiopathic urticaria: a multicenter, randomized, double-blind, placebo-controlled study. *Ann Allergy Asthma Immunol*. 2005; 94:662-669.
255. Spector, SL, RA Tan. Effect of omalizumab on patients with urticaria. *Ann Allergy Asthma Immuno*. 2007;99:190-193.
256. Cox, L. SL Spector, et al. Allergen immunotherapy: A practice parameter second update. *J Allergy Clin Immunol* 2007; 120:S25-85.

257. Spector, SL, R Tan. Correspondence: Effect of omalizumab on patients with chronic urticaria: issues with the determination of autoimmune urticaria. *Annals of Allergy, Asthma, and Immunology*. 2008; 100:88-89.
258. Spector, SL, et al. Allergy Diagnostic Testing: An Updated Practice Parameter. *The American Academy of Allergy, Asthma and Immunology*. 2008; 100.
259. Spector, SL. Chronic Cough: The Allergist's Perspective. *Lung* (2008) 186 (Suppl I): S41-S47.
260. Matthias SD, Dreskin S, MD, Kaplan A, MD, Saini S, MD, Spector SL, MD, Rosen K, MD, Ph D. Development of an urticaria patient diary for chronic idiopathic urticaria. *Annals of Allergy, Asthma and Immunology*. Vol 100, March, 2008
261. Spector SL, Tan R. Advances in asthma: emphasis on pediatrics. *Pediatru ro*. February 2010; VI(18):8-13.
262. Hagan JB, Fasano MB, Spector SL, et al. Efficacy and safety of a new 20% immunoglobulin preparation for subcutaneous administration, IgPro20, in patients with primary immunodeficiency. *Journa of Clinical Immunology* 2010;30(5):734-745
263. Spector, SL MD. Et al. Drug Allergy: An Updated Practice Parameter. *Annals of Allergy, Asthma and Immunology* Oct 2010;105:259-273

Papers, Non-Peer Review:

1. Spector SL: NJH experience with inhaled corticosteroids in severe bronchial asthma. *Proceedings of Symposium on Recent Advances in the Treatment of Reversible Obstructive Airway Disease*. Denver, Colorado, November 1975, Symposia Specialists, Miami.
2. Cropp GJA, Bernstein IL, Boushey HA Jr, Hyde RW, Rosenthal RR, Spector SL, Townley RG: Guidelines for bronchial inhalation challenge with pharmacologic antigenic agents. *ATS News*, Spring 1980.
3. Middleton E Jr, Jacobs E, Spector SL, McGahee O, Slavin R, Toogood JH: Practical approach to asthma management. Schering Corporation, Kenilworth NJ, 1981.
4. Spector SL: What you should know about aspirin idiosyncrasy. *Modern Medicine* 1981; 49:97-104.
5. Spector SL, Chai H: Bronchial, exercise and oral challenge procedures. *Bull New York Acad Med* 1981; 57:572.
6. Chai H, Spector SL: Aerosol and air filter therapy. *Bull New York Acad Med* 1981; 57:568.
7. Spector SL, Chairman, Subcommittee Scientific Assembly on Allergy & Immunology: Definition of asthma. *ATS News*, Fall 1982, p.5.
8. Spector SL: The use of inhaled corticosteroid aerosols in the treatment of asthma. *Hosp Formul*, 18:421-26, 1983.
9. Spector SL: Use and abuse of corticosteroids in asthma and COPD. *New Horizons in Pulmonary Medicine*. Colloquium October 1982, American College Chest Physicians. Schering Corporation, Kenilworth NJ, 1983, pp.4-11.

10. Spector SL: Bronchodilator strategies in asthma. Proceedings of Symposium on Prevention and management of bronchospasm: A new advance. Sponsored by Univ. of Rochester School of Medicine and Dentistry. New York, NY, March 1985. *J Resp Dis* 1985; 4:7-15.
11. Spector SL: Acute respiratory failure: Triggers and treatment. Proceedings of round able: Complications and complexities of managing asthma and COPD, Webb-Waring Lung Institute, Denver, CO, July 1985. *J Resp Dis* 1985; 4:31-34.
12. Bernstein IL, Norman P, Spector SL (contrib.eds): Bronchial asthma's changing spectrum of treatment. *Data Centrum* 1986; 3:33-44.
13. Spector SL: Theo-24: Revisited after 3 years of clinical experience. *Respiratory Times* 1986; (August): pp.4-5.
14. Mawhinney H, Spector SL: Asthma management during pregnancy, labor, and lactation. *The Female Patient* 1986; 11:40-44.
15. Spector SL: Diagnostic challenge: Captopril cough. *Allergy Observer* 1988; 5:2-7.
16. Kattan M, Pratt F, Spector SL: Severe asthma Emergency Handbook. *Patient Care* 1988; 22:86-111.
17. Spector SL: Reversible obstructive airways disease across the Atlantic: Contrasting treatment in the USA and Europe. In: Inspiration: Development in inhalation therapy. Proceedings of meeting in York, UK October 1988, The Medicine Group. Symposium series 26, pp. 31-38; Panel discussion, 1989; pp. 48-55.
18. Spector SL: Psychologic factors in patient compliance. *Clinical Advances in Treatment of Allergies*, 1989 (December):4-12
19. Spector SL: Asthma: Triggers and treatment. (Dr.'s interview). *Medical English* (published in Japan) 1989; 6:8-15.
20. Spector SL: Diagnostic procedures: Skin testing, blood test, and sinus x-rays. *The MA Report* November 1990.
21. Spector SL: Newer v Older Single-Agent Antihistamines and Combination Antihistamine-Decongestants. Practical Issues In Managing Allergic Rhinitis, June 1990:25-31
22. Spector SL: What Everyone Needs to Know About Exercise-Induced Asthma. Allergy and Asthma Network, Mothers of Asthmatics, Inc., Fairfax, Virginia, 1993.
23. Spector SL: Clarifying appropriate asthma treatment. *The Physician and Sportsmedicine*. November 1993; 21(11):34-36.
24. Spector SL: What you should know about steroids for asthma. Patient Education Guide. *J Respir Diseases* 1993;14(10).
25. Spector SL, et al: Allergy Examiner, "News for the Nose." Vol 1, #1, Fall, 1994.
26. Korenblat PE, Spector SL, Tremblay NF, Weart CW: New approaches to allergic rhinitis and asthma. *Patient Care*, October 15, 2000; 108-122.
27. Storms W, Kaliner M, Spector SL, et al. Ed: Strategic Allergy Advisors: "The Role of Guaifenesin in Clinical Practice." Vol 1., #2, Fall, 2005.

Editorials:

1. Spector SL: Methacholine challenge: How long to wait after respiratory infections? *J Respir Dis* 1989; 10:10-11.
2. Rachelefsky GS. Spector SL: Sinusitis and asthma. *J Asthma* 1990; 27:1-3.
3. Spector SL, et al.: Establishing practice parameters: Parameters for the diagnosis and treatment of asthma. *Ann Allergy* 1993;71:197-9.
4. Bernstein IL, Blessing-Moore J, Fineman S, Gutman A, Lee R, Nicklas R, Pearlman D, Spector S: Establishing practice parameters. *J Allergy Clin Immunol* 1995, 96(1): 1-4.
5. Spector SL, Tan RA: Subjective and Objective Markers of Treatment Response in Patients with Seasonal Allergic Rhinitis. *Ann Allergy Asthma Immunol* August 2000, 85(2):87-88.

Letters (Consultative & To/From Editor):

1. Spector SL, Souhrada JF: Maximal midexpiratory flow as an index of acute airway changes. *Chest* 1975; 68:851-852.
2. Spector SL: Precautions on the use of alpha-adrenergic antagonists in asthmatic patients. Letters to Editor. *N Engl J Med* 1979; 301:388-389.
3. Spector SL: Fate of research originally published in abstract. Letters to the Editor. *N Engl J Med* 1980; 303:130.
4. Spector SL: Bronchial hyperreactivity to distilled water and saline. Letters to Editor. *Br Med J* 1982; 284:1117.
5. Spector SL: No aspirin for asthmatic patients? Clinical Consultation. *J Resp Dis* 1983; (February) :107-109.
6. Spector SL. Theophylline once-a-day dosage. Communications to the editor. *Chest* 1986; 90:623-625.
7. Spector SL, Tan RA: Fatal consequence of allergic rhinitis. Letter to the Editor. *J Allergy Clin Immunol* 2010.

Monographs:

1. Spector SL, Garza-Gomez M: Rising dose studies of albuterol, isoproterenol and isoproterenol in patients with bronchial asthma. Proceedings of the Symposium on Recent Advances in The Treatment of Reversible Obstructive Airway Disease. Denver, Colorado, November 22-23, 1975. Miami, Symposia Specialists.
2. Farr RS, Spector SL: Medical management of reversible obstructive airway disease. In Recent Advances in Asthma Therapy. Vanceryl Inhaler Brand of Beclomethasone Dipropionate. Miami, Symposia Specialists, 1976, pp. 39-53.

3. Spector SL: Response of severe corticosteroid dependent asthmatic patients to beclomethasone dipropionate aerosol. In *Recent Advances in Asthma Therapy. Vanceryl Inhaler Brand of Beclomethasone Dipropionate*. Miami, Symposia Specialists, 1976, pp. 75-80.
4. Spector SL: Alpha, beta and cholinergic mechanisms in the pathogenesis and treatment of asthmatic patients. In Bronches de l'asthmatique, 7th Congres International de Pneumologie, Michel FB (ed), Paris, Masson S.A., 1982, pp. 109-123.
5. Spector SL: Treating the elderly asthmatic: special considerations. In Clinical Approaches to Bronchodilator Therapy. Published for Geigy Pharmaceuticals. New York, Biomedical Information Corporation, 1983, pp.23-25.
6. Spector SL: Bronchodilator strategies in asthma. In New Advances in Bronchodilator Therapy. Alonzo Lands Memorial Symposium, New York, September 1982. Published for Breon Laboratories. Greenwich, CT, Cliggott Publishing (publishers of *J Respir Dis*), 1983.
7. Spector SL: (A) Introduction; (B) Compliance with therapy; Steps to help patients; (C) Summary: In After 85 years: New criteria for theophylline therapy. Proceedings of symposium, March 1985, sponsored by University of California, Los Angeles. Greenwich, CT, Cliggott Publishing (publishers of *J Respir Dis*), 1986, (A - pp.6-7) (B - pp.50-53) (C - p.72).
8. Spector S: U.S. multicenter trial of cromolyn sodium administered via metered dose inhaler. In *Managing asthma in the 80's: Highlights of a 14-city videoconference*. *Excerpta Medica*, 1986.
9. Spector SL: The office approach to unusual causes of asthma. In *Drug Therapy for Asthma*. Jenne JW, Murphy S (eds). New York, Marcel Dekker, Inc., 1987, pp.897-923.
10. Spector SL: The pharmacology of antihistamines. In *Current Pharmacotherapy for Allergic Rhinitis and Urticaria*. Greenwich, CT, Cliggott Publishing (publishers of *J Respir Dis*), 1987, pp. 24-28.
11. Spector SL: Newer v Older Single-Agent Antihistamines and Combination Antihistamine-Decongestants. In Practical Issues In Managing Allergic Rhinitis. (publishers of *J Respir Dis*), 1990, pp. 25-31.
12. Spector SL: Relationship between rhinitis / sinusitis and asthma. In *Grand Rounds in Allergy, Asthma and Immunology*, Part 6 in a series (a CME activity sponsored by The Institute for Medical Studies), June 1996.
13. Spector SL (Moderator): Sedation and Safety Issues. In *Dialogues in Redefining Allergy*. 1996 Vol 1(2), Continuing Medical Education Series developed under the sponsorship of the University of Wisconsin Medical School.
14. Spector S (editor and senior author): Audio forum: upper respiratory infections (URIs): impact of symptoms, impact of care. Continuing Medical Education program developed by Scientific Exchange, Inc. August 1997.
15. Spector SL (Moderator): Special Issues in Allergy. In *Dialogues in Redefining Allergy*. 1997 Vol 2(2), Continuing Medical Education Series developed under the sponsorship of the University of Wisconsin Medical School.
16. Spector SL: Unusual Bronchial Inhalation Challenges. In Oehling AK, Lopez JG (eds): *Progress in Allergy and Clinical Immunology*, Volume 4, Cancun (Mexico). Proceedings of the XVIth International Congress of Allergology and Clinical Immunology, Cancun, October 19-24, 1997. Hogrefe & Huber Publishers, Seattle, Toronto, Bern, Gottingen.

17. Spector S (Faculty Participant): Managing Rhinosinusitis. Consensus Conference Proceedings, Respiratory Infections 2000. Sponsored by the University of Wisconsin Medical School and University of Wisconsin School of Pharmacy. December, 1997.
18. Nathan RA, Spector SL (contributing editors): Asthma 2000; The Role of Antileukotrienes in Clinical Practice. Sponsored by the Division of Continuing Medical Education, Discovery International, Deerfield, Illinois. December, 1999.
19. Spector SL, Nash DB: Incorporating Omalizumab into Asthma Treatment Guidelines: Consensus Panel Recommendations : (submitted for approval to the Office of CME Thomas Jefferson Medical College, Philadelphia, PA). April 2003.

Chapters and Books:

1. Spector SL, Minden P, Farr RS: Surgery in the allergic child . In Gans SL (ed). *Surgical Pediatrics*. New York: Grune and Stratton, 1973:313-327.
2. Spector SL, Kinsman RA, Farr RS: A scheme to characterize asthma . In Stein M (ed). *New Directions in Asthma*. Park Ridge, IL: American College of Chest Physicians, 1975:301-315.
3. Farr RS, Spector SL: Management of the difficult asthmatic. In Stein M (ed). *New Directions in Asthma*. Park Ridge, IL: American College of Chest Physicians, 1975:438-494.
4. Spector SL, Farr RS: Bronchial provocation tests. In Weiss EB, Segal MS (eds). *Bronchial Asthma Mechanisms and Therapeutics*. Boston: Little Brown, 1976:639-647.
5. Spector SL, Farr RS, Harnett JD: An interface between allergy and otolaryngology. In English GM (ed). *Otolaryngology: A Textbook*. Hagerstown, MD: Harper & Row, 1976:291-311.
6. Farr RS, Spector SL: What is asthma, in The Asthmatic Patient in Trouble. Petty TL (ed) published for Upjohn Company. Greenwich, CT, CPC Communications, 1976, pp. 639-647.
7. Harnett JC, Spector SL, Farr RS: Aspirin idiosyncrasy, asthma and urticaria. In Middleton E Jr, Reed CE, Ellis EF (eds). *Allergy: Principles and Practice*. St. Louis: C V Mosby, 1978:1002-1021.
8. Spector SL: Prophylaxis of status asthmaticus. In Weiss E (ed). *Status Asthmaticus*. University Park Press, 1978:327-329.
9. Spector SL: Asthma in adults. In Conn HF (ed). *Current Therapy*. Philadelphia: W B Saunders, 1979:547-551.
10. Spector SL, Farr RS: Aspirin idiosyncrasy: a pseudoallergy. In Franklin EC (ed). *Clinical Immunology Update: Review for Physicians*. New York: Elsevier North Holland, Inc.. 1981:197-226.
11. Spector SL, Kinsman RA, Farr RS: A profile of the asthmatic patient. In Trautlein JJ (ed). *Aerosols, Airways and Asthma*. New York: Spectrum Publications, 1981:81-96.
12. Spector SL: All about asthma. In Norback CT (ed), Slavin RG (consulted). *The Allergy Encyclopedia*. New York: New American Library, 1981:205-226.

13. Spector SL, Farr RS: Aspirin idiosyncrasy: asthma and urticaria. In Middleton E, Reed CE, Ellis EF (eds). *Allergy: Principles and Practice*. St. Louis: C V Mosby, 1983:1249-1273.
14. Spector SL: Bronchial inhalation challenges with antigens. In Spector SL (ed). *Provocative Challenge Procedures: Bronchial, Oral, Nasal and Exercise: Vol.I*. Boca Rotan, FL: CRC Press, 1983:97-112.
15. Spector SL: Bronchial inhalation challenges with aerosolized bronchoconstrictive substances. In Spector SL (ed). *Provocative Challenge Procedures: Bronchial, Oral, Nasal and Exercise: Vol.I*. Boca Rotan, FL: CRC Press, 1983:137-176.
16. Spector SL: Bronchial inhalation challenges with aerosolized bronchoconstrictive substances. In Spector SL (ed). *Provocative Challenge Procedures: Bronchial, Oral, Nasal and Exercise: Vol.II*. Boca Rotan, FL: CRC Press, 1983:115-118.
17. Spector SL, Farr RS: National Jewish Hospital experience with aspirin, tartrazine, and analgesic oral challenge. In Spector SL (ed). *Provocative Challenge Procedures: Bronchial, Oral, Nasal and Exercise: Vol.II*. Boca Rotan, FL: CRC Press, 1983:115-118.
18. Spector SL, Farr RS: The interface between allergy and otolaryngology. In English GM, ed. *Otolaryngology*, Volume 2. Philadelphia: Harper & Row, 1984:1-26.
19. Mawhinney H, Spector SL: Asthma in adults. In Edlich RF, Spyker DA (eds). *Current Emergency Therapy*. Norwalk CT: Appleton-Century-Crofts, 1984:828-833.
20. Rohr AS, Spector SL: Paranasal sinus anatomy and pathophysiology. In Bierman CW (ed). *Clinical Reviews in Allergy*. New York: Elsevier-Science Publishing, 1984:2:387-395.
21. Spector SL: Bronchial provocation tests. In Weiss EB, Segal MS, Stein M (eds). *Bronchial Asthma: Mechanisms and Therapeutics* (Second edition). Boston: Little, Brown, 1985:360-379.
22. Mawhinney H, Spector SL: Asthma in adults. In Edlich RF, Spyker DA (eds). *Current Emergency Therapy '85*. Rockville, MD: Aspen Publications, 1985:939-944.
23. Spector SL: Asthma. In Beall GN (ed). *Allergy and Clinical Immunology*. New York: John Wiley & Sons, 1985:145-186.
24. Spector SL: Aspirin-induced asthma. In Cherniack RM (ed). *Current Therapy of Respiratory Disease -2*. Philadelphia: B.C. Decker, Inc., 1986:106-110.
25. Mawhinney H, Spector SL: Asthma in adults. In Edlich RF, Spyker DA (eds). *Current Emergency Therapy. 3rd edition*. Norwalk, CT: Appleton-Century-Crofts, 1986:514-519.
26. Spector SL: Bronchial provocation tests. In Bousquet J, Godard P, Michel F (eds). *Highlights in Asthmology*. Berlin: Springer-Verlag, 1987:421-430.
27. Spector SL: The office approach to unusual causes of asthma. In Jenne JW, Murphy S (eds). *Drug Therapy for Asthma: Research and Clinical Practice*. New York/Basel: Marcel Dekker, 1987:897-923.
28. Rachelefsky GS, Spector SL: Disorders of the paranasal sinuses. In Bierman CW, Pearlman DS (eds). *Allergic Diseases From Infancy to Adulthood*. Philadelphia: W.B.Saunders, 1988:476-482.
29. Spector SL, Sander N (eds): *Understanding asthma: A blueprint for breathing*. American College of Allergy & Immunology, 1989.

30. Spector SL (ed): *Provocative Challenge Procedures: Background and Methodology*. Mount Kisco, NY: Futura Publishing, 1989.
31. Spector SL, Mawhinney H: Aerosol inhaler monitoring of asthma medication. In Cramer JA, Spiker B (eds). *Compliance in Medical Practice and Clinical Trials*. New York: Raven Press, (in press, 1990)
32. Spector SL: Ocular, Nasal, and Oral Cromolyn Sodium In The Management Of Nonasthmatic Allergic Problems. *Rhinitis* - 2nd Edition 1991; Chapter XXVII; 241-246
33. Afrasiabi R, Spector SL: Exercise-Induced Asthma: *The physician and Sports Medicine*. Vol 19; No.5: May 1991.
34. Kershaw J, Spector SL: Immunological Diagnosis and Therapy During Pregnancy: Asthma and Allergy in Pregnancy and Early Infancy. 77-88, 1992; Marcel Dekker, Inc.
35. Spector SL: Bronchial provocation tests. In Weiss EB, Segal MS (eds). *Bronchial Asthma Mechanisms and Therapeutics*. Bronchial Asthma. Boston: Little Brown, 1993:39.
36. Mawhinney H, Spector S: Management of the pregnant asthmatic. From *Bronchial Asthma*, M.E. Gershwin, G.M. Halpen, eds., Humana Press, Tetowa, NJ, January 1994, pp399-412.
37. Spector SL (ed.): Highlights from a symposium: Advances in the treatment of allergies. Pragmaton Publications, Chicago, 1993.
38. Spector SL: What Everyone Needs to Know About Exercise-Induced Asthma. Allergy and Asthma Network, Mothers of Asthmatics, Inc., Fairfax, Virginia, First Edition 1993.
39. Spector SL (Joint Task Force for Practice Parameters): Preliminary Proposal for Practice Parameters. Allergy Evaluation: Appropriate Number of Immediate Hypersensitivity Skin Tests. Published by the American Academy of Allergy and Immunology and the American College of Allergy and Immunology, March, 1993.
40. Spector SL, Nicklas RA, Bernstein IL, Blessing-Moore J, Strunk RC, Gutman AA, Pearlman DS, Lee RE, Fineman S (eds): Practice Parameters for the Diagnosis and Treatment of Asthma. 1993. Library of Congress Catalogue Card #93-72193.
41. Klein G, Mendoza G, Richards W, Spector S, Strunk R, Wynn S, (Contributing Editors). The New Asthma Organizer. Allergy and Asthma Network, Mothers of Asthmatics, Fairfax, VA, 1994.
42. Spector SL (ed): Provocation Testing in Clinical Practice. Marcel Dekker, Inc., New York, 1995.
43. Spector SL: Chapter 34, The Interface Between Allergy and Otolaryngology. In English G (ed) *Otolaryngology*, Revised Edition - 1995, Lippincott-Raven Publishers, Philadelphia & New York.
44. Spector S: Review of the properties and features of ceftibuten: a new orally active antibiotic. in Gorbach S (ed) *Infectious Diseases in Clinical Practice* (supplement), in press.
45. Spector S: Management of Chronic Asthmatic Symptoms. In Bone RC (series ed). *Current Practice of Medicine*. New York: Churchill Livingstone, Inc., 1996:Vol 2;VII:1.1-1.9.
46. Tsien A, Spector S: Role of Provocation Challenge in Assessing Indoor Air Pollution. In Bardana EJ, Montanaro A (Eds). *Indoor Air Pollution and Health*. Marcel Dekker, Inc., New York. 1997:387-420.

47. Tan RA, Spector SL: High-Dose Inhaled Steroids. In William PV (Guest Ed). Immunology and Allergy Clinics of North America. W.B. Saunders Company, Philadelphia, PA. 1996:16(4) 765-776.
48. Spector SL: Management of Chronic Asthmatic Symptoms. In Bone RC (ed). Current Practice of Medicine (Vol 2). Churchill Livingstone, Inc., Current Medicine, Inc. 1996, Chapter 1.
49. Mawhinney H, Spector SL: Compliance. in Barnes, Grunstein, Leff, Woolcock (eds). Asthma. Lippincott-Raven, Philadelphia, PA. 1997.
50. Spector S: Treatments of Exercise-Induced Asthma Other Than  $\beta$ -Agonists. In Weiler JM (ed). Allergic and Respiratory Disease in Sports Medicine. Marcel Dekker, Inc., New York. 1997:159-177.
51. Mawhinney H, Spector SL: Allergy Diagnosis, Environmental Control, and Immunotherapy During Pregnancy. In Schatz M, Zeiger R, Claman H (eds). Lung Biology in Health and Disease.
52. Spector SL: Management of Chronic Asthmatic Symptoms. In Lieberman PL (section ed). Allergy and Immunology. Current Medicine, Inc., 1998;83-92.
53. Nathan RA, Spector SL (contributing editors): Asthma 2000; The Role of Antileukotrienes in Clinical Practice. Sponsored by the Division of Continuing Medical Education, Discovery International, Deerfield, Illinois. December, 1999.
54. Spector SL: Antileukotriene Agents in the Management of Asthma. In Lieberman P, Anderson JA (eds). Allergic Diseases: Diagnosis and Treatment, Second Edition. Humana Press Inc., Totowa, New Jersey. 2000:Chapter 20:361-366.
55. Tan RA, Spector SL: Allergic Rhinitis. In DeCherney AH, Pregler JP (eds). Women's Health: Principles and Clinical Practice. Hamilton, B.C. Decker, 2002:267-279.
56. Tan RA, Spector SL: Asthma and Exercise. In Weisman IM, Zeballos RJ (eds). Clinical Exercise Testing. Progress in Respiratory Research, Basel, Switzerland. Karger, 2002: 32:205-216.
57. Spector SL, Nash DB: Incorporating Omalizumab into Asthma Treatment Guidelines: Consensus Panel Recommendations: (submitted for approval to the Office of CME Thomas Jefferson Medical College, Philadelphia, PA). April 200
58. Tan RA, Spector SL: Provocation Studies in the Diagnosis of Occupational Asthma. In Montanaro A (ed). Occupational Allergy & Asthma. Immunology and Allergy Clinics of North America. May 2003;23:251-267
59. Milgrom E, Spector SL, Usatine R, Tan R (eds): Practical Allergy. Philadelphia, Mosby, 2004
60. Spector, S. Omalizumab: Efficacy in allergic disease. *Panminerva Medica* 2004;46:00-00.
61. Spector SL, Tan R: Clinical Updates in Women's Health Care: Common Respiratory Disorders. Washington D.C.,
62. Spector SL: American College of Obstetricians and Gynecologists, April 2005, Vol.4, No.2
63. Tan R, Spector S. New and Potentially Novel Treatments for Rhinitis. *Current Review of Rhinitis Second Edition*. Current Medicine LLC. 2006. 187-191.

Published Abstracts:

1. Spector SL, Farr RS: Comparison of varying doses of albuterol and placebo aerosols for the relief of bronchospasm. *J Allergy Clin Immunol* 1972; 49:128.
2. Spector SL, Farr RS: Inhalation challenge in asthmatics. *J Allergy Clin Immunol* 1973; 51:87.
3. Spector SL, Farr RS: The use of troleandomycin in steroid dependent asthmatics. *J Allergy Clin Immunol* 1974; 53:91.
4. Spector SL, Farr RS: Clinical implications of inhaled methacholine and histamine. *Am Rev Respir Dis*, 1974.
5. Shucard DW, Spector SL, McCloskey JL: Electroencephalography and anti-asthma medications. *Clin Res*, 1974.
6. Spector SL: A comparison of methacholine and histamine inhalations in asthmatics. Proceedings of the World Congress on Asthma, Bronchitis and Conditions Allied. New Delhi, India. November 9-15, 1974.
7. Spector SL: Idiosyncratic bronchoconstriction following isoproterenol. Proceedings of the World Congress on Asthma, Bronchitis and Conditions Allied, New Delhi, India. November 9-15, 1974.
8. Spector SL, Farr RS: Efficacy of inhaled triamcinolone acetonide vs. placebo in steroid dependent asthmatic patients. *Clin Res*, 23:1975.
9. Spector SL, Luparello TJ, Kopetzky MT, Souhrada JT, Kinsman RA: Influence of methacholine and suggestion on asthmatic airways. *J Allergy Clin Immunol*, February 1975.
10. Spector SL, Ball RE Jr: Bronchodilating effects of aerosolized SCH 1000 and atropine sulfate in asthmatics. Proceedings of 41st Annual Scientific Assembly, ACCP, Anaheim, California, October 26-30, 1975. *Chest*, 68:1975.
11. Garza G, Spector SL: Comparison varying doses of albuterol, isoproterenol and placebo aerosols in asthmatic patients. *J Allergy Clin Immunol*, 57:Abstract #168, 1976.
12. Harnett J, Spector SL: Blocking effect of SCH 1000, isoproterenol and the combination of methacholine and histamine inhalations. *J Allergy Clin Immunol*, 57:Abstract #174, 1976.
13. Weinberger M, Hudgel D, Spector SL, Chidsey C: Troleandomycin (TAO): an inhibitor of theophylline metabolism. *J Allergy Clin Immunol*, 57:Abstract #178, 1976.
14. Spector SL, Farr RS: Comparison of methacholine and histamine inhalations in asthmatics. *O.R.L. Digest*, 37:April 1976.
15. Spector SL: Beclomethasone dipropionate aerosol in severe steroid dependent asthmatic patients. Proceedings IX International Congress of Allergology. October 24-30, 1976, Buenos Aires, Argentina.

16. Spector SL: Aspirin and related idiosyncratic reactions in asthmatic and bronchitic patients. *Chest* 1978; 74:3.
17. Nathan RA, Kinsman RA, Spector SL, Horton DJ: Comparison of bronchial reactivity to allergens and nonspecific agents. *J Allergy Clin Immunol* 1979; 63:150. Abst.#51.
18. Bishop AL, Justus SE, Bronsky E, Pearlman D, Spector SL, Dahiya G, Liddle R: A double-blind, placebo-controlled, crossover trial of albuterol aerosol and albuterol Rotacaps® in children ages 4 through 11 years with exercise-induced bronchospasm (EIB). *Amer Acad of All and Immunol*, 1992: *In Press*
19. Spector SL, Morris HG, Selner JC: Pulmonary prostaglandin and clinical response of asthmatic patients with aspirin idiosyncrasy to a new nonsteroid anti-inflammatory substance compared to aspirin. *J Allergy Clin Immunol* 1979; 63:154. Abstract #67.
20. Horton DJ, Spector SL, Morris HG, Selner JC: Tolerance to oral adrenergic agents: comparison of ephedrine and metaproterenol. *J Allergy Clin Immunol* 1979; 63:159. Abstract #84.
21. Spector SL, Jones L, English G: Correlation between nasal biopsy and clinical response to flunisolide nasal spray versus placebo. Proceedings of the X International Congress of Allergology, Jerusalem, Israel, November 1979.
22. Silvers WS, Nathan RA, Spector SL: The influence of aminophylline on cardiac rate and rhythm in asthmatic and normal subjects. Proceedings of the X International Congress of Allergology. Jerusalem, Israel, November 1979.
23. Spector SL, Shucard DW: Central nervous system effects of antiasthma medication--an EEG study. *Ann Allergy* 1980; 44:48. Abstract #6.
24. Szeffler SJ, Rose JQ, Ellis EF, Spector SL, Green AW, Jusko WJ: Effect of troleandomycin on methylprednisolone disposition. *J Allergy Clin Immunol* 1980; 65:181. Abstract #59.
25. Spector SL, Toshener D, Gay D, Rosenman E: Beneficial effects of propylene and polyethylene glycol and saline in the treatment of perennial rhinitis. *J Allergy Clin Immunol* 1980; 65:187. Abstract #80.
26. Lotan A, Spector SL, English G, Philpot I: Transillumination vs roentgenogram to diagnose paranasal sinus disease. *J Allergy Clin Immunol* 1980; 65:215. Abst.#170.
27. Klein JJ, DeGroot M, Lefkowitz M, Spector SL, Cherniack RW: Relationship between serum theophylline levels and pulmonary function before and after inhaled sympathomimetic in "stable" asthmatics. Proceedings 12th International Meeting, Nederlandse, Nord and Belgische *Chest* Physicians, Antwerp, Belgium, October 1981.
28. Szeffler SJ, Ellis EF, Brenner M, Roes JQ, Spector SL, Yurchak A, Andrews F, Jusko WJ: Steroid-specific and anticonvulsant interaction aspects of troleandomycin-steroid therapy. *J Allergy Clin Immunol* 1982; 69:130. Abst.#152.
29. Katz R, Rachelefsky G, Siegel S, Spector S: Perennial rhinitis treated with FCB. *Ann Allergy* 1982; 48:225. Abstract #5.
30. Spector S, Katz R, Siegel S, Rachelefsky G, Fitzgerald J, Hardick H, Kinsman R, Dirks R: The use of the nebulizer chronolog as a monitoring device for compliance. Presented, American College of Allergists, New Orleans 1983, Abstract #32.

31. Spector SL, Rohr AS, Rachelefsky GS, Katz RM, Siegel SC: Comparison of subcutaneous epinephrine and albuterol in the treatment of acute asthma. *J Allergy Clin Immunol* 1984; 73:109. Abstract #1.
32. Rohr AS, Rachelefsky GS, Siegel SC, Katz RM, Spector SL: Efficacy of "human IgE pentapeptide" in the treatment of allergic rhinitis. *J Allergy Clin Immunol*, 73:118, 1984, Abstract #37.
33. LaBralco JM, Reed CE, Rosenthal RR, Shapiro GS, Spector SL, Townley RG: Multicenter evaluation of airways hyperreactivity using a standardized methacholine challenge. *J Allergy Clin Immunol* 1984; 73:124. Abstract #64.
34. Katz RM, Rachelefsky GS, Spector SL, Siegel SC, Fitzgerald J: Beclomethasone dipropionate (BDP) as adjunctive to theophylline (T) in chronic asthma of childhood. *J Allergy Clin Immunol* 1984; 73:162. Abstract #216.
35. Rohr AS, Spector SL, Katz RM, Rachelefsky GS: Comparison of x-ray and ultrasound in the diagnosis of maxillary sinusitis. *Ann Allergy* 1984; 52:233. Abstract #55.
36. Rohr AS, Spector SL, Siegel SC, Katz RM, Rachelefsky GS: Rhinoscopy in the evaluation of rhinitis. *NER Allergy Proc* 1984; 5:152. Abstract #12.
37. Rachelefsky G, Rohr A, Wo J, Gracey V, Katz R, Spector S, Lefkowitz M, Siegel S: A short term comparison of two sustained release (SR) theophylline (T) preparations in asthmatic children. *J Allergy Clin Immunol* 1985; 75:105. Abstract #1.
38. Spector SL, Rohr AS, Rachelefsky GS, Katz RM, Siegel SC, Wo J, Gracey V: The effect of food on once daily Theo-dur® in asthmatic subjects. *J Allergy Clin Immunol* 1985; 75:105. Abstract #4.
39. Hoffman M, Kiechel F, Meadows CD, Spector S, Wolf J, Wyatt R: Whole blood/plasma ratio determined by a new theophylline test. *J Allergy Clin Immunol* 1985; 75:128. Abstract #93.
40. Goldsobel A, Siegel SC, Spector SL, Katz RM, Rachelefsky GS, Rohr AS, Drayton G, Indianer L, Peter JB, Barr RJ, Gracey VL: Efficacy of doxepin in the treatment of chronic idiopathic urticaria. *J Allergy Clin Immunol* 1985; 75:130. Abstract #103.
41. Storms W, Middleton E, Dvorin D, Kemp J, Spector S, Newton J, Perhach JL: Azelastine (Azel) in the treatment of asthma. *J Allergy Clin Immunol* 1985; 75:167. Abstract #251.
42. Rohr AS, Rachelefsky GS, Siegel SC, Katz RM, Spector SL: Efficacy of "Human IgE pentapeptide" in the treatment of allergic rhinitis. *NER Allergy Proc* 1985; 6:271. Abstract #18.
43. Spector S, Rohr A, Siegel S, Katz R, Rachelefsky G: Effects of parenteral albuterol administration on serum potassium and cardiopulmonary parameters in asthmatics. *NER Allergy Proc* 1985; 6:271. Abstract #20.
44. Rachelefsky G, Wo J, Adelson J, Spector S, Katz R, Siegel S, Rohr A: Behavior abnormalities and poor school performance due to oral theophylline (T) usage. *J Allergy Clin Immunol* 1986; 77:145. Abstract #97.
45. Rohr AS, Siegel SC, Katz RM, Rachelefsky GS, Spector SL, Lanier R: A comparison of albuterol (A) and cromolyn (C) in the prophylaxis of exercise-induced bronchospasm (EIB). *J Allergy Clin Immunol* 1986; 77:163. Abstract #172.
46. Siegel SC, Rohr AS, Rachelefsky GS, Katz RM, Spector SL, Wo J, Gracey V: Dose response study of metered-dose-inhaler (MDI), metaproterenol (MP) for chronic asthma (A) in children. *J Allergy Clin Immunol* 1986; 77:185. Abstract #258.

47. Katz RM, Rachelefsky GS, Rohr AS, Wo J, Gracey V, Spector SL, Siegel SC: Use of a tube spacer, aerochamber (A), to improve the efficacy of a metered dose inhaler (MDI) in asthmatic children. *J Allergy Clin Immunol* 1986; 77:185. Abstract #260.
48. Spector S, Rohr A, Rachelefsky G, Katz R, Siegel S, Perhach J, Newton J: Pharmacodynamic evaluation of azelastine in asthmatics. *J Allergy Clin Immunol* 1986; 77:249. Abstract #513.
49. Mawhinney Helen, Spector SL, Rohr AS, Rachelefsky GS, Katz RM, Siegel SC: Compliance in clinical trials of two new non-bronchodilator anti-asthmatic drugs. *J Allergy Clin Immunol* 1986; 77:250. Abstract #520.
50. Blumenthal MN, Selcow J, Spector S, Zeiger RS, Mellon M: Multicenter study of Intal® inhaler MDI in the treatment of asthma. *J Allergy Clin Immunol* 1986; 77:149. Abstract #115.
51. Kemp JP, Meltzer EO, Orgel HA, Welch MJ, Lockey RF, Middleton E, Spector SL, Perhach JL, Newton JJ: A dose-response study of the bronchodilator action of azelastine (Azela) in asthma. *J Allergy Clin Immunol* 1986; 77:249. Abstract #514.
52. Quaranta J, Rohr AS, Rachelefsky GS, Siegel SC, Katz RM, Spector SL: The etiology and natural history of chronic urticaria/angioedema (U/A). *J Allergy Clin Immunol* 1987; 79:182. Abst #229.
53. Spector SL, Multicenter Co-investigators: WHR-5029 (triamcinolone acetonide nasal aerosol) versus placebo in perennial allergic rhinitis. *Ann Allergy* 1987; 58:296. Abstract #71.
54. Rachelefsky G, Wo J, Kawakami K, Rohr A, Katz R, Siegel S, Spector S: Evaluation of once daily theophylline (T) in young children with asthma. Syllabus, American College of Allergists Meeting, Boston, November 1987 (Abstract Z, p.201).
55. Spector SL, Rohr AS, Siegel SC, Katz RM, Rachelefsky GS, Ank B: Comparison of RAST, FAST and FAST-PLUS with skin tests. *J Allergy Clin Immunol* 1988; 81:230. Abstract #246.
56. Rohr AS, Siegel SC, Katz RM, Rachelefsky GS, Spector SL, Hudson LD: Comparison of the duration of action of terbutaline (T) and albuterol repetabs (AR). *J Allergy Clin Immunol* 1988; 81:254. Abstract #346.
57. Bronsky EA, Furukawa CT, Grossman J, Kemp JP, Lemanske RF Jr, Mansfield LE, Murphy SA, Rather PH, Spector SL, Tinkelman DG, Rees ME, Rogenes PR: Albuterol aerosol vs dry powder (Ventolin Rotacaps®) for treatment of asthma in children. *J Allergy Clin Immunol* 1988; 81:254. Abstract #345.
58. Allen M, Arlian L, Bernstein L, Friedman S, Grant P, Lieberman P, Lopez M, Metzger J, Schatz M, Spector S, Wasserman S: Prevalence of dust mites in the homes of asthmatics in several U.S. geographic regions. *J Allergy Clin Immunol* 1988; 81:270. Abstract #408.
59. Bronsky EA, Furukawa CT, Grossman J, Kemp JP, Lemanske RF, Mansfield LE, Murphy SA, Ratner PH, Spector SL, Tinkelman DG, Reese ME, Rogenes PR: Flow-activated albuterol powder vs albuterol aerosol in children with asthma. American Academy of Pediatrics Meeting, 1988.
60. Tinkelman DG, Bucholtz G, Kemp J, Repsher L, Spector S, Storms W, Van As A, Koepke J, Freitag J, Perhach J, Hemsworth G: The long term use of azelastine (AZ) in asthmatics. XIII International Congress of Allergy/Clinical Immunology, Montreux, Switzerland, October 1988.

61. Tinkelman D, Bucholtz G, Kemp J, Repsher L, Spector S, Storms W, Van As A, Koepke J: Evaluation of the safety and efficacy of long term use of multiple doses of azelastine (AZ) in asthmatics. *J Allergy Clin Immunol* 1988; 81:280. Abstract #449.
62. Katz R, Friedman S, Diament M, Rohr A, Siegel S, Rachelefsky G, Spector S, Goldenhersh M: A comparison of sinus imagery in chronic sinusitis. *J Allergy Clin Immunol* 1989; 83:214. Abstract #170.
63. Druce HM, Spector SL, Fireman P, Meltzer EO, Kaiser H, Boggs P, Wood CC: Randomized, double-blind, parallel comparison of intranasal Atrovent (A) nasal spray versus placebo in nonallergic perennial rhinitis (NAPR). *J Allergy Clin Immunol* 1989; 83:213. Abstract #168.
64. Druce HM, Kaiser HB, Weisburg SC, Morris RJ, Spector SL, Fireman P, Meltzer EO, Boggs P, Wood CC: Randomized double-blind comparison of intranasal Atrovent<sup>®</sup> versus placebo in nonallergic perennial rhinitis. Abstract presented at 46th Annual Meeting of American College of Allergy and Immunology, Orlando FL, 1989. *Annals of Allergy*: 64(1), 74, 1990.
65. Druce HM, Spector SL, Fireman P, Kaiser H, Boggs P, Wood CC: Randomized double-blind parallel comparison of intranasal Atrovent<sup>®</sup> Nasal Spray versus placebo in nonallergic perennial rhinitis (NAPR). Abstract presented at Symposium on Allergy and Infection in the Nose. Baltimore, MD, June 1989.
66. Spector S, Greenwald, Golde G, Silverman S: Successful therapy of steroid accentuated osteoporosis in asthma and COPD. *J Allergy Clin Immunol* 1989; 83:219. Abstract #189.
67. Meltzer EO, Bronsky EA, Furukawa CT, Grossman J, LaForce CF, Lemanske RF Jr, Paull BR, Pearlman DS, Ratner PH, Spector SL, Tinkelman DG, van As A: A dose ranging study of fluticasone propionate aqueous intranasal spray (FP) in patients with seasonal allergic rhinitis (SAR). *J Allergy Clin Immunol* 1989; 83:279. Abstract #428.
68. Findlay S, Bronsky E, Dockhorn R, Green A, Grossman J, Kaiser H, Pinnas J, Rowe M, Southern L, Spector S, Tinkelman D, Webb R, Huber F, Garcia J: Once-a-day triamcinolone acetonide (TA) nasal aerosol in the treatment of seasonal allergic rhinitis (SAR). *J Allergy Clin Immunol* 1989; 83:278. Abstract #427.
69. Spector SL, van As A, Rennard S, Bronsky E, D Cocchetto, MacCosbe P: Double-blind comparison of controlled-release albuterol as Volmax (V) vs placebo (P) in patients with chronic asthma. *Am Rev Respir Dis* 1989; 139(suppl):A433.
70. Spector S, Greenwald M, Silverman SA: Successful treatment of osteoporosis due to steroid-dependent COPD AND asthma. *Am Rev Respir Dis* 1989; 139(suppl):A16.
71. Mahan CA, Spector S, Siegel S, Katz R Rachelefsky G, Rohr A: Validity and Reproducibility of Multitest Skin Test Device. *J Allergy Clin Immunol*.
72. Lee N, Rachelefsky G, Kobayashi RH, Kobayashi AL, Siegel SC, Katz RM, Spector SL, Rohr AS: Comparison of Efficacy and Safety of Albuterol Administered By Power-Driven Nebulizer (PDN) Versus Metered Dose Inhaler (MDI) With Aerochamber and Mask In Young Children with Asthma. *J Allergy Clin Immunol*, 1991; 87:307, Abstract #672.
73. Rachelefsky G, Siegel SC, Katz RM, Spector SL, Rohr AS: Chronic Sinusitis In Children. *J Allergy Clin Immunol*, 1991; 87:219, Abstract #320.

74. Spector S, Lee N, Huster W, McNutt B, Siegel S, Katz R, Rachelefsky G, Rohr A: Bronchodilator Activity of Terfenadine (T), Single And Steady-State B.I.D. Dosing In Allergic Asthmatics. *J Allergy Clin Immunol*, 1991; 87:296, Abstract #628.
75. Rodriguez C, Spector S, Jonathan AM, Lee N, Rohr A, Seigel S, Katz R, Rachelefsky G: Use of A Smell Test In The Assessment Of Nasal Function., 1991; 87:218, Abstract #314.
76. Siegel S, Lee N, Rohr A, Ank B, Katz R, Rachelefsky G, Spector S, Siegel J: Evaluation Of Dermestid Sensitivity In Museum Personnel., 1991; 87:190, Abstract #205.
77. Schanker H, Spector S: Relationship Between Asthma And Scuba Diving Mortality., 1991; 87:313, Abstract #694
78. Margolskee D, Bodman S, Dockhorn R, Israel E, Kemp J, Mansmann H, Minotti DA, Spector S, Stricker W, Tinkelman D, Townley R, Winder J, Williams V, Rahway NG: The Therapeutic Effects Of Mk-571, A Potent And Selective Leukotriene (LT) D<sub>4</sub> Receptor Antagonist, In Patients With Chronic Asthma., 1991; 87:309, Abstract #677.
79. Bronsky E, Pearlman D, Spector SL, Liddle R, Dahiya G, Sykes RS, Bishop AL: The Placebo Effect In Prevention of Exercise-Induced Bronchospasm (EIB) In Children; First National Conference on Asthma Management. Oct 11-13, 1992, Arlington, VA. Abstract
80. Bishop A, Justus S, Bronsky E, Pearlman D, Spector SL, Dahiya G, Liddle R: A Double-Blind, Placebo-Controlled, Crossover Trial of Albuterol Aerosol and Albuterol Rotacaps In Children Ages 4 Through 11 Years With Exercise-Induced Bronchospasm (EIB); *J Allergy Clin Immunol*, 1993; 91:167, Abstract #105
81. Klein GL, Spector SL, Brandan M, Heyd A, Echols R: Oral Ciprofloxacin (CIP) Vs Cefuoxime Axetil (CA) In the Treatment Of Acute Bacterial Sinusitis: A Pilot Study In Adults. *J Allergy Clin Immunol*, 1993; 91:167, Abstract #496
82. Katz R, Siegel S, Rachelefsky GS, Spector SL, Corren J, Schanker H, Patnaik M,: Treatment of Acute Sinusitis in Adults: *J Allergy Clin Immunol*, 1993; 91:167, Abstract #494
83. Rachelefsky G, Siegel S, Katz R, Spector S, Corren J, Schanker H: Non-Allergic Rhinitis With Eosinophils Syndrome (NARES) In Childhood. *J Allergy Clin Immunol*, 1993; 91:167, Abstract #230
84. Schanker H, Spector SL, Kemp, J, Pierson W, D'Amico J, Dean N: A Double-Blind Placebo Control Evaluation of Repirinast in Attenuation of Antigen Induced Bronchospasm. *J Allergy Clin Immunol*, 1993; 91:167, Abstract #103
85. Spector SL: Conjunctivitis Medicamentosa: New Clinical Entity? *J Allergy Clin Immunol*, 1993; 91:167, Abstract #239
86. Spector SL: Inhaled steroids in severe asthma maintenance: high dose vs. low dose. *Int Med Alert*, 1993; 15:4,25-32
87. Klein GL, Spector S, Brandan M, Heyd A, Echols R: Oral Ciprofloxacin (CIP) vs Cefuroxime Axetil (CA) in the Treatment of Acute Bacterial Sinusitis: A Pilot Study in Adults. *J Allergy Clin Immunol*, 1993;91(1): 265, Abstract #496
88. Spector SL, Nicodemus CE, Siegel SC, Katz RM, Rachelefsky GS, Schanker HM, Corren J: Bronchodilating Effect of Cetirizine With and Without Albuterol Metered Dose Inhaler (MDI), *J Allergy Clin Immunol*, 1994 (93): 271, Abstract #652.

89. Katz RM, Patnaik M, Siegel S, Rachelefsky G, Corren J, Schanker H, Spector S: The treatment of Acute Sinusitis in Adults: *J Allergy Clin Immunol*, 1994;93(1):176, Abstract #84
90. Creticos PS, Spector SL, Busse WW, Israel E, Nicodemus CF, Jones NH, Olson T, Geffer MA, Lichtenstein LM, Norman PS: Evaluation of T-cell defined peptides from cat allergen by bronchial challenge. *J Allergy Clin Immunol*, 1995, in press.
91. Spector S, Miller CJ, Glass M: 13-week dose-response study with Accolate™ (zafirlukast) in patients with mild to moderate asthma. *Resp. and Critical Care Med*, 1995;141(4)A379.
92. Spector S, et al: Bronchial challenge (BC) response to cat allergen after T cell epitope defined peptide therapy. Asthma: Theory to Treatment, *Abstract Book*, a Joint Conference Sponsored by the AAAAI & Amer. Thoracic Soc., July 15-17, 1995.
93. Spector S, et al: Salmeterol compared with theophylline in the treatment of asthma. Asthma: Theory to Treatment, *Abstract Book*, a Joint Conference Sponsored by the AAAAI & Amer. Thoracic Soc., July 15-17, 1995.
94. Spector S, Miller CJ, Glass M: 13-week dose-response study with Accolate™ (zafirlukast) in patients with mild to moderate asthma. *Allergy (European J Allergy and Clin Immunol)*, 1995;50(26) Abstract#P-0105, pg 117.
95. Talbot G, Kennedy R, Scheld M, Granito K, and the Zagam®, Endoscopy Study Group, Rhone-Poulenc Rorer Pharmaceutical Corp: Utility of sinus endoscopy versus sinus aspiration for microbiologic documentation of acute maxillary sinusitis (AMS)., 35th ICAAC, San Francisco, California, *in press*.
96. Corren J, Froehlich J, Schoenhoff M, Spector S, Rachelefsky G, Schanker H, Patnaik M, Siegel S: Phase I Study of Anti-IgE Recombinant Humanized Monoclonal Antibody rhuMAB-E25 (E25) in Adults with Moderate to Severe Asthma. *J Allergy Clin Immunol*, 1996;97(1):245, Abstract #251.
97. Rachelefsky G, Adelglass J, Corren J, Spector S, Schanker H, Kiely L, Siegel, S: Evaluation of Safety and Efficacy of Dexacort™ Turbinaire®, (DEX) Nasal Spray in Patients with Perennial Allergic Rhinitis. *J Allergy Clin Immunol*, 1996;97(1):434, Abstract #1005.
98. Spector S, Corren J, Rachelefsky G, Schanker H, Siegel S: Evaluation of Efficacy and Duration of Action of Levocabastine (LEVO) Nasal Spray Under Nasal Challenge Conditions. *J Allergy Clin Immunol*, 1996;97(1):436, Abstract #1015.
99. DuBois J, Puopolo A, Nolen T, Spector S, Reidenberg B: Once Daily Oral Cefitibuten vs Three Times Daily Co-amoxiclav in Acute Maxillary Sinusitis. ICAAC Abstract, 1996, in press.
100. Finn A, Korenblatt P, Lumry W, Woehler G, Settupane S, Spector S, Drda K, Wood C: A randomized, double-blind comparison of combined use of ATROVENT® Nasal Spray 0.03% (A) plus Seldane® (S) versus S plus vehicle (V) in patients with allergic and nonallergic perennial rhinitis (APR and NAPR). *Am J of Resp Crit Care Medicine* 153(4),A525, 1996.
101. Sahn S, Galant S, Murray J, Bronsky E, Spector S, Faiferman I, Stober P: Pranlukast (Ultair™) improves FEV<sub>1</sub> in patients with asthma: results of a 12-week multicenter study vs nedocromil. *Am J of Respir Crit Care Medicine* 155(4),A665,1997.

102. Simmons M, Nides M, Kleerup E, Chapman K, Milgrom H, Rand C, Spector S, Tashkin, D: Validation of the Doser™, a new device for monitoring metered-dose inhaler use, and comparison with the thermistor-based nebulizer chronolog. *Am J of Respir Crit Care Medicine* 155(4),A260,1997. □16
103. Spector S, et al: Effect of 24-week salmeterol therapy on airway hyperresponsiveness. ALA/ATS International Conference, May 17-21, 1997, San Francisco, CA.
104. Corren J, Spector S, Fuller L, Rachelefsky G, Siegel S, Shanker H, Minkwitz M: Effect of zafirlukast (Accolate) on pulmonary responses to natural cal allergen exposure. *Allergy and Asthma Proceedings* 2000 Jan-Feb;21(1):62
105. Welch MJ, Kane RE, Fite T, Banjeri D, and the US Azmacort Once Daily Study Group: Azmacort HFA (Triamcinolone Acetonide) Inhalation Aerosol Administered Once Daily Is Effective in the Treatment of Mild and Moderate Persistent Asthma. *J Allergy Clin Immunol* 2000 Jan;104(1)[part 2]:S1
106. Kaliner MA, Storms W, Tilles S, Spector S, Tan R, LaForce C, Lanier B, Chipps B. Comparison of olopatadine 0.6% nasal spray versus fluticasone propionate 50 mcg in the treatment of seasonal allergic rhinitis. *Allergy & Asthma Proceedings* . 2009, 30( 3) ; 255 - 262 .
107. Panettieri RA Jr., M.D., Spector SL, M.D., Tringale M, M.S.M., Mintz ML, M.D. Patients' and primary care physicians' beliefs about asthma control and risk. *Allergy Asthma Proceedings* 2009, September-October;30(5):1-10
108. Hagan J, Fasano M, Spector S, Wasserman RL, Melamed I, Rojaven MA, Zenker O, Orange JS. Efficacy and safety of a new 20% immunoglobulin preparation for subcutaneous administration, IgPro20, in patients with primary immunodeficiency. American Academy of Allergy, Asthma & Immunology New Orleans 2010 Annual Meeting Feb 26-Mar 2.
109. Dicipinigitis P, MD, Colice GL, MD, FCCP, Goolsby MJ, EdD, MSN, ANP-C, FAANP, RoggGI, MD, Spector SL, MD, Winther B, MD. Acute cough: A diagnostic and therapeutic challenge
110. Kelso JM, MD, Li JT, MD, PhD, Nicklas RA, MD, Burnstein DI, MD, Blessing-Moore j, MD, Cox L, MD, Khan DA, MD, Lang DM, MD, Openheimer J, MD, Portnoy JM, MD, Randolph C, MD, Schuller DE, MD, Spector SL, MD, Tilles S, MD, Wallace D, MD. Adverse reactions to vaccines. *Annals of Allergy, Asthma and Immunology* 2009 Oct;103(4)(Suppl 2):S1-S14.
111. Spector SL. Use of mannitol inhalation challenge in assessment of cough. *Lung* 2010 Sep;188(Suppl 2):S99-S103
112. Spector SL, Tan RA. Common respiratory disorders. *Clinical Updates in Women's Health Care* 2005 April;IV(2)
113. Dicipinigitis PV, Colice GL, Goolsby MJ, Rogg GI, Spector SL, Winther B. Acute cough:a diagnostic and therapeutic challenge. *Cough* 20095:11
114. Mathias SD, MPH, Dreskin S MD, Kaplan A MD, Saini S MD, Spector SL MD, Rosen KE MD, PhD. Development of an Urticaria Patient Diary for Chronic Idiopathic Urticaria. *Annal of Allergy, Asthma & Immunology*. 2010;105:142-148.
115. Sheldon Spector. Use of Mannitol Inhalation Challenge in Assessment of Cough. *Lung* (2010) 188(Suppl 1):S99-S103

116. Hagan JB, Fasano MB, Spector SL, MD, Wasserman RL, Maleded I, Rojavin MA, Zenker O, Orange JS. Efficacy and safety of a new 20% Immunoglobulin preparation for subcutaneous administration, IgPro20, in patients with primary immunodeficiency. AAAAI 2010
117. Sinai S, MD, Hopkins J Rosen KE, MD, PhD, Hsieh H, PhD, Parsey M, MD, Wong D, MD, Conner E, MD, Doyle R, MD, Kaplan A, MD, Medical University of South Caroline, Spector S, MD, UCLA, Maurer M, MD, Charite-Universitatsmedizin Berlin. Efficacy of omalizumab in patients with idiopathic urticaria who remain symptomatic despite concomitant H1 antihistamine therapy-results of a Phase II trial.