

CURRICULUM VITAE

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PERSONAL DATA:

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EDUCATION:

Undergraduate Training

1968-1972

B.S. Texas A & M University with honors
College Station, Texas

Post Graduate Training

1972-1976

M.D. The University of Texas Health
Science Center at San Antonio
San Antonio, Texas

1976-1979

Pediatric Internship and Residence

Medical Center Hospital
San Antonio, Texas

1983-1985 Fellowship in Allergy-Immunology
University of Texas Health Science
Center at San Antonio
San Antonio, Texas

Board Certification Pediatrics 1981
Allergy/Immunology 1987

PROFESSIONAL EXPERIENCE:

1979-1983 Four years of private pediatric practice in
New Braunfels, Texas

1983-1985 Allergy/Immunology fellowship
Assistant Professor,
Division of Clinical Immunology,
Department of Pediatrics

1985-Present Private Practice of Allergy in
New Braunfels and San Antonio, Texas

1983-Present Clinical Research
Central Texas Health Research
New Braunfels, Texas

Staff privileges 1) McKenna Memorial Hospital
143 E. Garza
New Braunfels, Texas 78130
(830) 606-9111

2) Village Oaks Medical Center
12412 Judson Rd.
San Antonio, Texas 78233
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3) Northeast Baptist Hospital
8811 Village Drive
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PROFESSIONAL ORGANIZATIONS:

Texas Medical Association 1979-Present

Texas Allergy Society Feb. 1983-Present

Comal County Medical Society 1979-Present

-Secretary 1986

-Vice President 1987

-President 1988

American Academy of Pediatrics	1979-1985
American College of Allergy, Asthma, & Immunology	1984-Present
Joint Council of Allergy & Immunology	1985-Present
San Antonio Allergy Society	1985-Present
American Academy of Allergy, Asthma, & Immunology	1989-Present

AWARDS DURING FELLOWSHIP:

- 1) Vivonex award winner at the 5th International Food Allergy Symposium presented by the American College of Allergists in Atlanta, Georgia, October 1984.
- 2) American Academy of Allergy and Immunology Schering Travel Grant Award-1985.
- 3) American College of Allergy, Parke-Davis Travel Grant Award-1985.

PAPERS AND PRESENTATIONS:

- 1) Presented at the 5th International Food Allergy Symposium presented by the American College of Allergists in Atlanta, GA, "Immune Responses to Food Antigens in Atopic Eczema." October 1984.
- 2) Presented at American College of Allergy, Miami, FL, "Evaluation of a New Antihistamine (Acrivastine) Given For Two Weeks in Seasonal Allergic Rhinitis." 1985.
- 3) Presented at the 42nd Annual Congress of the American College of Allergy in Phoenix, AZ, "The Clinical Spectrum of Persistent Otitis Media with Effusion (OME) in Children." January 1986. (collaborated)
- 4) Presented to the American College of Allergists 44th Annual Congress in Boston, MA, "Long-Term Efficacy of IgE Pentapeptide Nasal Solution in Allergic Rhinitis." September 1987. (collaborated)
- 5) Presented at the American Academy of Allergy and Immunology in Baltimore, MA, "Double-Blind Randomized Multicenter Trial of Hismanal D in Seasonal Allergic Rhinitis." March 1990.
- 6) Presented at the American Academy of Allergy and Immunology in Baltimore, MA, "Fluticasone Propionate Given Once Daily is as Effective as Beclamethasone Dipropionate Given Twice Daily in Relieving Symptoms of Seasonal Allergic Rhinitis." March 1990. (collaborated)

- 7) Poster at ACAI meeting in San Francisco, CA, "Azelastrine Nasal Spray: A Two-Week Safety/Efficacy Study in Seasonal Allergic Rhinitis." P Ratner, S Findlay, J VanBavel, F Hampel, and J Freitag; November 1990.
- 8) Poster at ACAI meeting in San Francisco, CA, "Fluticasone Propionate is an Effective Treatment for Seasonal Allergic Rhinitis in Adolescents." Z Munk, D Graft, A Green, F Hampel, D. Pearlman, W Pleskow, D Stempel, A vanAs; November 1990.
- 9) Poster at ACAI meeting in San Francisco, CA, "An Evaluation of Duact and its Individual Components in Treatment of Seasonal Allergic Rhinitis." M Frosolono, S Findlay, F Hampel, B Martin, B Paull, P Ratner, J vanBavel, P McSorley, J Wegener, R Sanders, B. Williams; November 1990.
- 10) Article in *Annals of Allergy*, "Pentigetide Nasal solution: a Multicenter Study Evaluating Efficacy and Safety in Patients with Seasonal Allergic Rhinitis." H Mansmann, J Rosen, R Ziering, F Hampel, P Ratner, S Findlay, W Kniker, Z Haddad, A Daigle; October 1991.
- 11) Poster at ACAI meeting in New York, "A Placebo Controlled Double-Blind Randomized Parallel Study Comparing the Safety and Efficacy of Terfenadine 60 mg BID and Terfenadine 120 mg (2 x 60 mg) QD in the Treatment of Patients with Seasonal Allergic Rhinitis." P Ratner, F Hampel, J vanBavel, B Paull, B McNutt, W Huster; November 1991.
- 12) Poster at ACAI meeting in New York, "A Comparison of Prolert-D (Acrivastine + Pseudoephedrine, P-D), Prolert (Acrivastine, P), Seldane (S), Hismanal (H) and Placebo (PL) for Treatment of Seasonal Allergic Rhinitis." M Frosolono, S Findlay, J vanBavel, P Ratner, F Hampel, B Martin, B Paull, J Hallett, P McSorley, R Sanders, B Williams; November 1991.
- 13) Article in *Immunology & Allergy Practice*, "Double-Blind, Ten-Week Trial of Pentigetide (Pentyde) Nasal Solution In Patients With Allergic Rhinitis," F Hampel, R Ziering, T Thayer; December 1991.
- 14) Paper presented at AAAI meeting in Orlando, FL, "Intranasal Fluticasone Propionate Once Daily is More Effective Than Terfenadine Twice Daily in Relieving Symptoms of Seasonal Allergic Rhinitis." J vanBavel, S Findlay, F Hampel, B Martin, P Ratner, T Simonetto, J Beam, E Field, P Rogenes, K Kral; March 1992.
- 15) Paper presented at AAAI meeting in Orlando, FL, "Double-Blind Placebo-Controlled Pediatric Study of Astemizole Suspension in Seasonal Allergic Rhinitis." G Gross, F Hampel, B Paull, P Ratner, J vanBavel; March 1992.
- 16) Paper presented at AAAI meeting in Orlando, Florida, "Comparison of Prolert-D (Acrivastine 8 mg + Pseudoephedrine HCL 60 mg), Prolert (Acrivastine 8 mg) Pseudoephedrine HCL 60 mg, and Placebo For Treatment of Seasonal Allergic

- Rhinitis.” B Williams, W Beaucher, P Boggs, R Dockhorn, H Druce, S Findlay, F Hampel, M Lawrence, B Martin, D Tinkelman, J van Bavel, P McSorley, R Sanders, M Frosolono; March 1992.
- 17) Manuscript published in the *Journal of Allergy and Clinical Immunology*, “Fluticasone Propionate Given Once Daily is as Effective for Seasonal Allergic Rhinitis as Beclomethasone Dipropionate Given Twice Daily.” September 1992.
 - 18) Manuscript published in *Annals of Allergy, Asthma & Immunology*. 66:97, “An Evaluation of DUACTION® and Its Individual Components in the Treatment of Seasonal Allergic Rhinitis.” M Frosolono, S Findlay, F Hampel, B Martin, B Paull, P Ratner, J vanBavel, P McSorley, J Wegener, R Sanders, B and Williams; 1991.
 - 19) Manuscript published in *Journal of Allergy and Clinical Immunology*. 89:358, “Comparisons of PROLERT®-D (acrivastine 8 mg + pseudoephedrine HCl 60 mg) , PROLERT® (acrivastine 8 mg) , Pseudoephedrine HCl 60 mg, and Placebo for Treatment of Seasonal Allergic Rhinitis.” B Williams, W Beaucher, P Boggs, R Dockhorn, H Druce, S Findlay, F Hampel, M Lawrence, B Martin, B Paull, J Ransom, P Ratner, D Tinkelman, J vanBavel, P McSorley, R Sanders, M Frosolono; 1992.
 - 20) Manuscript published in *European Journal of Allergy and Clinical Immunology* 47:177, “DUACTION® and SEMPRES® Capsules provide a faster onset of relief from allergic rhinitis symptoms than do terfenadine and astemizole.” M Frosolono, S Findlay, J vanBavel, P Ratner, F Hampel, B Martin, B Paull, J Hallet, P McSorley, R Sanders, B Williams; 1992.
 - 21) Poster presented at AAAI meeting in Anaheim, CA, "Efficacy and Safety of Fluticasone Propionate Metered Dose Inhaler in Patients with Moderate Asthma." J Wolfe, F Hampel, M Goldstein, L Mendelson, Z Munk, A Schaberg, Kral, D Kellerman; March 1994.
 - 22) Poster presented at AAAI meeting in Anaheim, CA, "Fluticasone Propionate Aqueous Nasal Spray is More Effective Than Astemizole in the Treatment of Seasonal Allergic Rhinitis." R Lemanske, K Dunn, S Galant, F Hampel, W Lumry, F McCain, M Noonan, D Pearlman, J Ransom, L Southern, P Rogenes, E Field, M Wisniewski, C Scott; March 1994.
 - 23) Poster presented at AAAI meeting in Anaheim, CA, "The Efficacy of Fluticasone Propionate Aqueous Nasal Spray for Treatment of Rhinitis is Dependent on Topical Application" F Hampel, W Howland, B Martin, P Ratner, J vanBavel, E Field, K Kral, C Scott;. March 1994.
 - 24) Manuscript published in *Pediatric Asthma, Allergy and Immunology*. 8(1):39-45 "Intranasal fluticasone propionate is effective and well-tolerated in adolescents with seasonal allergic rhinitis.” Z Munk, C Pearlman, D Graft, A Green, F Hampel, W Pleskow, D Stempel, A VanAs, E Field, P Rogenes, K Kral; 1994.

- 25) Manuscript Published in *Journal of Allergy and Clinical Immunology*. 94(5):881-825, "A Double-Blind, Controlled Trial to Assess the Safety and Efficacy of Azelastine Nasal Spray in Seasonal Allergic Rhinitis." P Ratner, S Findlay, F Hampel, J vanBavel, et al.; November 1994.
- 26) Poster presented at EAACI meeting in Madrid, Spain, "Dose Ranging Study of the Activity and Tolerance of Mometasone Furoate in Seasonal Allergic Rhinitis," E Bronsky, D Aaronson, R Berkowitz, P Chervinsky, D Graft, H Kaiser, B Moss, R Nathan, D Pearlman, P Ratner, J Adelglass, D Southern, J vanBavel, F Hampel, W Stricker, J Fourre, F Cuss, K Nolop; June 1995.
- 27) Manuscript published in *The Journal of Allergy and Clinical Immunology*. 95(5):1117-1122, "A clinical trial of ipratropium bromide nasal spray in patients with perennial nonallergic rhinitis." E Bronsky, H Druce, S Findlay, F Hampel, H Kaiser, P Ratner, M Valentine, C Wood; May 1995.
- 28) Manuscript published in *The Journal of Allergy and Clinical Immunology*. 96(95):1123-1127, "Use of ipratropium bromide nasal spray in chronic treatment of nonallergic perennial rhinitis, alone and in combination with other perennial rhinitis medications." J Grossman, C Banov, P Boggs, E Bronsky, R Dockhorn, H Druce, S Findlay, J Georgitis, F Hampel, H Kaiser, P Ratner, D Tinkelman, M Valentine, P Roszko, E Zegarelli, C Wood; May 1995.
- 29) Paper presented at AAAAI meeting in New Orleans, LA, "Comparison of Once-Daily Triamcinolone Acetonide Aqueous Nasal Spray and Twice-Daily Beconase AQ® for the Treatment of Seasonal Allergic Rhinitis Due to Ragweed." C LaForce, F Hampel, F Kiechel, W Lumry, J Murray, J. Furs, B Simpson, J Smith; March 1996.
- 30) Poster presented at the American Thoracic Society Meeting in New Orleans, LA, "Inhaled Fluticasone Propionate Administered Via the Diskus or Diskhaler Multidose Powder Inhalers is Safe and Effective in Adolescent and Adult Subjects with Mild to Moderate Asthma." F Hampel, J VanBavel, J Selner, G Gross, A Brown, A Hamedani, S Harding, J Schaumberg; May 1996.
- 31) Abstract published in *The Journal of Allergy and Clinical Immunology*, January 1995, "Prophylactic Use of Triamcinolone Acetonide Nasal Inhaler in Patients with Seasonal Ragweed Induced Allergic Rhinitis." Paper presented during scientific sessions 51st Annual Meeting AAAI, Feb.24-Mar.1, 1995. Z Munk, G Gross, F Hampel, P Ratner, J Lim, C McNally.
- 32) Manuscript published in *The Journal of Allergy and Clinical Immunology*. August 1996; 98(2):302-308, "Double Strength Beclomethasone Dipropionate (84 Mcg/Spray) Aqueous Nasal Spray in the Treatment of Seasonal Allergic Rhinitis." Paper presented during scientific sessions 51st Annual Meeting, AAAI, Feb.24-Mar.1, 1995. B Prenner,

- P Chervinsky, F Hampel, W Howland, M Lawrence, F Meltzer Z Munk, P Ratner, J Seltzer, G Settipane, R Lorber, J Harrison.
- 33) Manuscript published in *Clinical Therapeutics*, "Effectiveness of Fluticasone Propionate in Patients with Moderate Asthma: A Dose-Ranging Study." J Wolfe, J Selner, L Mendelson, F Hampel, A Schaberg; July-August 1996.
 - 34) Poster presented at ACAAI Meeting in Boston, Massachusetts, "A Comparison of Brompheniramine (BR) and Terfenadine (TF) for Symptoms of Seasonal and Perennial Allergic Rhinitis." H Druce, S Furey, P Ratner, F Hampel, J van Bavel E Lockhart, B Stern, W Thoden; November 8-13, 1996.
 - 35) Abstract published in *The Journal of Allergy and Clinical Immunology*, "Superior Improvement in Disease-Specific Quality of Life for SAR Patients Receiving Intranasal Fluticasone vs Loratadine Tablets." B Goodwin, B Bowers, F Hampel, C Cook, R Westlund, F Cox; January 1997.
 - 36) Abstract published in *The Journal of Allergy and Clinical Immunology*, "The Efficacy and Safety of Fluticasone Propionate (FP) Aqueous Nasal Spray and Loratadine (LOR), Alone and in Combination, in the Treatment of Seasonal Allergic Rhinitis (SAR)." P Ratner, JvanBavel, B Martin, F Hampel, W Howland, P Rogenes, R Westlund, C Cook; January 1997.
 - 37) Abstract published in *The Journal of Allergy and Clinical Immunology*, "Efficacy and Safety of Levocabastine Nasal Spray for Seasonal Allergic Rhinitis." F Hampel, B Martin, J Dolen, S Algeo, K Karcher, D Holton; January 1997.
 - 38) Manuscript published in *Clinical Therapeutics*, 18(6), "The Efficacy of Fluticasone Propionate Aqueous Nasal Spray for Allergic Rhinitis and Its Relationship to Topical Effects." W Howland, F Hampel, B Martin, P Ratner, J vanBavel, E Field; Nov-Dec 1996.
 - 39) Manuscript published in *Annals of Allergy, Asthma & Immunology*, 78(3), "Preseasonal, Once Daily Triamcinolone Acetonide Nasal Aerosol for Seasonal Allergic Rhinitis". Z Monk, G Gross, F Hampel, P Ratner; March 1997.
 - 40) Manuscript published in *Annals of Allergy, Asthma & Immunology*, 79(1), "Dose Ranging Study of Mometasone Furoate (Nasonex) in Seasonal Allergic Rhinitis." E Bronsky, D Aaronson, R Berkowitz, Pl Chervinsky, D Graft, H Kaiser, B Moss, R Nathan, D Pearlman, P Ratner, J Adelglass, D Southern, J vanBavel, F Hampel, W Stricker, J Fourré; F Cuss, K Nolop; July 1997.
 - 41) Manuscript Published in *American Journal of Rhinology*, 13(1), "Efficacy and Safety of Levocabastine Nasal Spray for Seasonal Allergic Rhinitis." F Hampel, B Martin, J Dolen, S Travers, K Karcher, D Holton; January-February 1998.

- 42) Poster presented at AAAAI meeting at Washington D.C. in 1998 and abstract published in *The Journal of Allergy and Clinical Immunology*, January 1998, "HFA-Beclomethasone Dipropionate (HFA-BDP) is Effective at Improving Asthma at Doses as Low as 50mcg Twice Daily." F Hampel, J VandenBurgt, P Stampone.
- 43) Poster presented at ACAAI meeting in Chicago, IL, "Once-Daily Budesonide (Pulmicort Turbuhaler®) Improves Quality of Life in Adult Asthmatics Previously Treated with Inhaled Steroids." M Goldstei, C Banov, B Liljas, K Walton-Bowen, F Hampel; November 1999.
- 44) Manuscript published in *The Journal of Allergy and Clinical Immunology*, 104(1):107-114, "A dose-ranging study of mometasone furoate aqueous nasal spray in children with seasonal allergic rhinitis." E Meltzer, W Berger, R Berkowitz, E Bronsky, D Dvorin, A Finn, S Galant, J Grossman, F Hampel, P Ratner, M Ruff, E Schenkel, A Segal, N Segall, G Stewart, I Tripathy, D Skoner, R Anolik, R Dockhom, J vanBavel, B Mesarina-Wicki, K Nolop; July 1999.
- 45) Abstract published in *The Journal of Allergy and Clinical Immunology*, 105(1):S388, "1133 Ebastine 20 mg Once Daily (OD) Given with Food (EWF) or Without Food (EWO) is Equally Efficacious in the Treatment of Seasonal Allergic Rhinitis." F Hampel, Ebastine Study Group, J Lim, M Gillen, et al; January 2000.
- 46) Abstract at AAAAI meeting at San Diego, CA, "Ebastine 20mg Once Daily (OD) Given With Food (EWF) or Without Food (EWO) is Equally Efficacious in the Treatment of Seasonal Allergic Rhinitis (SAR)." F Hampel, the Ebastine Study Group, J Lim, M Gillen, S Rohatagi, GC Georges; March 2000.
- 47) Manuscript Published in *Journal of Asthma*, 37(5), "Effectiveness of Low Doses (50 and 100 µg b.i.d.) of Beclomethasone Dipropionate Delivered as a CFC-Free Extrafine Aerosol in Adults with Mild to Moderate Asthma." F Hampel, E Linsberg, J-C Guérin, and the Study Group; 2000.
- 48) Poster presented at AAAAI meeting at Seattle, WA, "Fluticasone Propionate Aqueous Nasal Spray for the Treatment of Sinus Pain and Pressure Associated with Nasal Congestion in Patients with Allergic Rhinitis." B Martin, F Hampel, J van Bavel, B Prillman, K Reed, C Cook, C Crim; November 2000.
- 49) Poster presented at AAAAI meeting at New Orleans, LA. in March 2001 and abstract published in *The Journal of Allergy and Clinical Immunology*, February 2001, "Montelukast in the Treatment of Spring Allergic Rhinitis in a Large, Double-Blind, Randomized, Placebo-controlled Study." K Malmstrom, F Hampel, G Phillip, M Malice, T Reiss.
- 50) Poster presented at AAAAI meeting in New York, NY in March 2002 and abstract

published in *The Journal of Allergy and Clinical Immunology*, 109(1):S105, January 2002, "Tecastemazole Produces Rapid and Sustained Symptom Reduction in Seasonal Allergic Rhinitis." P Ratner, F Hampel, R Baumgartner.

- 51) Poster presented at AAAAI meeting in New York, NY in March 2002 and abstract published in *The Journal of Allergy and Clinical Immunology*, 109(1):S105, January 2002, "Fluticasone propionate aqueous nasal spray provides greater improvement than placebo in the symptoms of rhinitis when used as-needed (PRN)." F Hampel, B Boch, S Goode-Sellers, L Witham, C Cook, E Pilpot.
- 52) Poster presented at AAAAI meeting in New York, NY in March 2002 and abstract published in *The Journal of Allergy and Clinical Immunology*, 109(1):S240, January 2002, "Reduction of eosinophil counts by montelukast in double-blind, randomized, placebo-controlled studies of seasonal allergic rhinitis." S Ritter, G Phillip, F Hampel, K Malmstrom, M Malice, T Reiss, Montelukast Seasonal Allergic Rhinitis Group.
- 53) Poster presented at EAACI meeting in Naples, Italy, "Ebastine is efficacious in the control of the nasal congestion associated to allergic rhinitis." P Ratner, F Hampel, J Gispert; June 3, 2002.
- 54) Poster presented at EAACI meeting in Naples, Italy "Ebastine 10 and 20 mg are able to control all symptoms associated to allergic rhinitis. An efficacy placebo controlled comparative clinical trial." F Hampel, P Ratner, J Gispert; June 3, 2002.
- 55) Manuscript Published in *Clinical and experimental Allergy*, 32, "Montelukast for treating seasonal allergic rhinitis: a randomized, double-blind, placebo-controlled trial performed in the spring." G Phillip, K Malmstrom, F Hampel, S Weinstein, C LaForce, P Ratner, M Malice, T Reiss for the Montelukast Spring Rhinitis Study Group; 2002.
- 56) Poster presented at ACAAI meeting in San Antonio, Texas, "A Double-Blind, Randomized Comparison of Fexofenadine 180 mg versus Cetirizine 10 mg: Effect on Drowsiness." F Hampel, S Korpi, K Reneau, S Meeves, Y Liao, GC Georges; November 2002.
- 57) Poster presented at ACAAI meeting in San Antonio, Texas, "Once Daily Administration of Mometasone Furoate by Dry Powder Inhaler Improves Pulmonary Function and Asthma Symptoms in Patients with Mild to Moderate Persistent Asthma." G Bensch, J Corren, S Shah, F Hampel, H Sacks; November 2002.
- 58) Abstract presented at the European Respiratory Society 2003 Annual Congress, "Once-Daily, Evening Administration of Mometasone Furoate Dry Powder Inhaler Improves Pulmonary Function in Patients with Mild to Moderate Persistent Asthma." G Bensch, F Hampel, H Sacks; 2003.
- 59) Abstract presented at AAAAI meeting in Denver, CO and Abstract published in *The Journal of Allergy and Clinical Immunology*, 111(1):S85, "Intranasal Fluticasone

Propionate Provided Greater Relief Compared to Oral Montelukast for Nasal Congestion and Other Daytime and Evening Nasal Symptoms of Seasonal Allergic Rhinitis.” B Martin, C Andrews, J vanBavel, F Hampel, E Philpot, C Baidoo, K Rickard; March 2003.

- 60) Poster presented at ACAAI meeting in New Orleans, LA, “Onset of Action of Montelukast in the Treatment of Seasonal Allergic Rhinitis.”. G Philip, M Malice, A Swern, S Weinstein, F Hampel, T Reiss; November 2003.
- 61) Oral presentation by Dr. Eli Meltzer in New Orleans, LA “Olopatadine HCl Nasal Spray is Effective and Safe for the Treatment of Seasonal Allergic Rhinitis.” E Meltzer, F Hampel, P Ratner, D Bernstein, S Gawchik, L Larsen, W Berger, A Finn, GM Wall, M Brubaker, C Dimas, S Potts, L Silver; November 2003.
- 62) Manuscript Published in *Annals Of Allergy, Asthma & Immunology*, 94(4), “Fexofenadine HCl, 180mg, Exhibits Equivalent Efficacy to Cetirizine, 10 mg, with Less Drowsiness in Patients With Moderate-To-Severe Seasonal Allergic Rhinitis.” F Hampel, P Ratner, L Mansfield, S Meeves, Y Liao, G Georges; October 2003.
- 63) Manuscript Published in *Annals Of Allergy, Asthma & Immunology*, 21(1), “Once-Daily Budesonide Inhalation Powder (Pulmicort Turbuhaler®) Improves Health-Related Quality of Life in Adults Previously Receiving Inhaled Corticosteroids.” F Hampel, M Sugar, B Parasuraman, T Uryniak, B Liljas; January/February 2004.
- 64) Abstract presented at the AAAAI meeting in San Francisco, CA on March 20, 2004 and Abstract published in *The Journal of Allergy and Clinical Immunology*, 113(2):S25, February 2004, “Improved Quality of Life (QoL) Among Seasonal Allergic Rhinitis (SAR) Patients Treated With Olopatadine HCl Nasal Spray, 0.4% and Olopatadine HCL Nasal Spray, 0.6% Compared to Vehicle.” F Hampel, P Ratner, N Amar, J van Bavel, D Moha, K Venkataraman, G Wall, M Brubaker, M Drake, K Krenshaw.
- 65) Abstract presented at the AAAAI meeting in San Francisco, CA on March 20, 2004 and Abstract published in *The Journal of Allergy and Clinical Immunology*, 113(2):S28, February 2004, “Dose Dependent Effectiveness of Ciclesonide Nasal Spray in the Treatment of Seasonal Allergic Rhinitis (SAR).” P Ratner, J van Bavel, F Hampel, M Wingertzahn, P Darken, T Shah, S Hellberdt, S Brookman.
- 66) Abstract presented at the AAAAI meeting in San Francisco, CA on March 22, 2004 and Abstract published in *The Journal of Allergy and Clinical Immunology*, 113(2):S200-S201, February 2004, “Olopatadine HCl Nasal Spray Is Effective and Safe for the Treatment of Seasonal (Mountain Cedar) Allergic Rhinitis.” P Ratner, F Hampel, N Amar, J vanBavel, D Mohar, G Wall, M Brubaker, M Drake, S Potts.
- 67) Manuscript published in *Clinical & Experimental Allergy*, 34(6), “Treatment with intranasal fluticasone propionate significantly improves ocular symptoms in patients

- with seasonal allergic rhinitis.” D Bernstein, A Levy, F Hampel, C Baidoo, C Cook, E Philpot, Krickard; June 2004.
- 68) Abstract presented at the AAAAI meeting in Boston, MA, “Safety and Tolerability of Fexofenadine in Children Aged 2-5 Years With Allergic Rhinitis.” H Milgrom, R Lanier, F Hampel, B Kittner; November 13, 2004.
- 69) Abstract presented at the AAAAI meeting in Boston, MA, “Safety and Tolerability of Fexofenadine in Children Aged 6 Months to 2 Years With Allergic Rhinitis.” F Hampel, J van Bavel, B Kittner; November 13, 2004.
- 70) Poster presented at ACAAI meeting in Anaheim, CA, “Ciclesonide Nasal Spray Exhibits Dose-Dependent Effectiveness in the Treatment of Seasonal Allergic Rhinitis.” P Ratner, M Wingertzahn, J van Bavel, F Hampel, P Darken, T Shah, S Hellbardt, S Brookman; November 4-9, 2005.
- 71) Poster presented at ACAAI meeting in Anaheim, CA, “Generic Fluticasone Propionate Aqueous Nasal Spray (FPANS) for Seasonal Allergic Rhinitis is Equivalent to Flonase®.” F Hampel, W Howland, B Martin, D Mohar, P Ratner, J van Bavel, V Brandi, E Stahl; November 4-9, 2005.
- 72) Poster presented at ACAAI meeting in Anaheim, CA, “Effectiveness of Azelastine (Astelin®) Nasal Spray Compared to Ceterizine (Zyrtec®) Tablets in Patients with Seasonal Allergic Rhinitis.” F Hampel, WE Berger, H Sacks; November 4-9, 2005.
- 73) Poster presented at ACAAI meeting in Anaheim, CA, “Improvements in Quality of Life, Work, and Activity with Olopatadine Nasal Spray Treatment of Seasonal Allergic Rhinitis: Results of Two Randomized Controlled Trials.” E Meltzer, F Hampel, C Fairchild, M Brubaker, G Wall; November 4-9, 2005.
- 74) Poster presented at Psoriasis: Gene to Clinic meeting in London, “A Phase 2 Study of STA-5326, an Oral IL-12 and IL-23 Inhibitor, in Patients with Moderate to Severe Chronic Plaque Psoriasis (CPP).” K Gordon, E Tschen, N Korman, J Cather, M Gold, F Hampel, S Miller, S Ertel, M Sherman, the 5326-04 Study Group; December 1-3, 2005.
- 75) Manuscript Published in *Annals Of Allergy, Asthma & Immunology*, 95(5), “Safety and Efficacy of Olopatidine Hydrochloride Nasal Spray for the Treatment of Seasonal Allergic Rhinitis to Mountain Cedar.” P Ratner, F Hampel, N Amar, J van Bavel, D Mohar, B Marple, P Roland, G Wall, M Brubaker, M Drake, D Turner, L Silver; November 2005.
- 76) Manuscript Published in *Annals Of Allergy, Asthma & Immunology*, 95(6), “Safety and Efficacy of Olopatidine Hydrochloride Nasal Spray for the Treatment of Seasonal Allergic Rhinitis.” E Meltzer, F Hampel, P Ratner, D Bernstein, et al.; December 2005.

- 77) Poster presented at the AAAI meeting in Miami, FL, "Efficacy and Safety of Ciclesonide Nasal Spray in the Treatment of Seasonal Allergic Rhinitis." P Ratner, M Wingertzahn, J van Bavel, F Hampel, P Darken, N Hall, T Shah; March 3-7, 2006.
- 78) Manuscript Published in *Annals Of Allergy, Asthma & Immunology*, 96, "Comparison of Fluticasone Propionate Aqueous Nasal Spray and Oral Montelukast for the Treatment of Seasonal Allergic Rhinitis Symptoms." B Martin, C Andrews, J vanBavel, F Hampel, K Klein, B Prillamin, M Faris, E Philpot; June 2006.
- 79) Manuscript Published in *Allergy & Asthma Proceedings*, 27(3), "Improved quality of life among seasonal allergic rhinitis patients treated with olopatadine HCl nasal spray 0.4% and olopatadine HCl nasal spray 0.6% compared to vehicle placebo." F Hampel, P Ratner, N Amar, J van Bavel, D Mohar, C Fairchild, G Wall, M Brubaker, M Drake, K Crenshaw; May-June 2006.
- 80) Manuscript Published in *Annals Of Allergy, Asthma & Immunology*, 97(3), "Impact of Azelastine Nasal Spray on Symptoms and Quality of Life Compared with Cetirizine Oral Tablets in Patients with Seasonal Allergic Rhinitis." W Berger, F Hampel, J Bernstein, S Shah, et al.; September 2006.
- 81) Poster presented at ACAAI meeting in Philadelphia, PA, "Long-term Safety of Ciclesonide in Adult and Adolescent Patients With Perennial Allergic Rhinitis." P Chervinsky, S Kunjibettu, F Hampel, D Miller, B Prenner, G Raphael, N Hall, M Wingertzahn, T Shah; November 10-13, 2006.
- 82) Poster presented at ACAAI meeting in Philadelphia, PA, "Effects of Ciclesonide Nasal Spray on Seasonal and Perennial Allergic Rhinitis Symptoms." P Ratner, E Meltzer, J vanBavel, F Hampel, W Berger, C LaForce, M Wingertzahn, P Darken, S Kunjibettu, N Hall, T Shah; November 10-13, 2006.
- 83) Manuscript published in *The Journal of Allergy and Clinical Immunology*, 118(5):1142-1148, "Efficacy and Safety of Ciclesonide Nasal Spray in the Treatment of Seasonal Allergic Rhinitis." P Ratner, M Wingertzahn, J van Bavel, F Hampel, P Darken, N Hall, T Shah; November 2006.
- 84) Manuscript published in *Annals of Allergy, Asthma & Immunology*, 97:657-663, "Efficacy and Safety of Ciclesonide Nasal Spray in the Treatment of Seasonal Allergic Rhinitis." P Ratner, M Wingertzahn, J van Bavel, F Hampel, P Darken, S Hellbardt, S Brookman, T Shah; 2006.
- 85) Poster presented at ACAAI meeting in San Diego, CA, on February 23-27, 2007 and Abstract published in *The Journal of Allergy and Clinical Immunology*, 119(1):S304-S305, January 2007, "Once-daily Fluticasone Furoate Nasal Spray (FF) Provides 24-hour Symptom Relief In Subjects With Seasonal Allergic Rhinitis (SAR) Caused By

- Mountain Cedar Pollen.” F Hampel, R Jacobs, B Martin, T Toler, A Ellsworth, E Philpot.
- 86) Manuscript Published in *Allergy & Asthma Proceedings*, 28(2), “Optimal Dose Selection of Fluticasone Furoate Nasal Spray For The Treatment of Seasonal Allergic Rhinitis in Adults and Adolescents.” B Martin, P Ratner, F Hampel, C Andrews, T Toler, W Wu, M Faris, E Philpot; March-April 2007.
- 87) Manuscript Published in *Annals Of Allergy, Asthma & Immunology*, 99(4), “Safety and Tolerability of Fexofenadine for the Treatment of Allergic Rhinitis in Children 2 to 5 Years Old.” H Milgrom, B Kittner, R Lanier, F Hampel; October 2007.
- 88) Abstract presented at ACAAI meeting in Dallas, TX, “Epinastine HCl Nasal Spray is Effective and Well Tolerated for the Treatment of Seasonal Allergic Rhinitis”. P Ratner, N Amar, F Hampel, J vanBavel, M Windmann, D Kellerman, W Tian, A Schaberg; November 9-14, 2007.
- 89) Poster presented at ACAAI meeting in Dallas, TX, “Once-Daily Mometasone Furoate Dry Powder Inhaler Effectively Controls Asthma in Patients with Moderate Asthma Previously Using Other Inhaled Corticosteroids.” J Corren, F Hampel, R Yao; November 9-14, 2007.
- 90) Manuscript Published in *Annals Of Allergy, Asthma & Immunology*, 99(6), “Safety and Tolerability of Fexofenadine Hydrochloride, 15 and 30 mg, Twice Daily in Children Aged 6 Months to 2 Years with Allergic Rhinitis.” F Hampel, B Kittner, J vanBavel; December 2007.
- 91) Poster presented at AAAAI meeting in Philadelphia, PA, on March 14-18, 2008 and Abstract published in *The Journal of Allergy and Clinical Immunology*, 121(2):S133, February 2008, “Once-Daily is Equivalent to Twice-Daily Treatment with Mometasone Furoate Dry Powder Inhalation in Patients with Persistent Asthma.” R Lockey, F Hampel.
- 92) Poster presented at AAAAI meeting in Philadelphia, PA on March 14-18, 2008 and Abstract published in *The Journal of Allergy and Clinical Immunology*, 121(2):S220-S221, February 2008, “Early Bronchodilatory Effects of Budesonide/Formoterol Pressurized Metered-Dose Inhaler (pMDI) Compared With Fluticasone Propionate/Salmeterol Dry Powder Inhaler (DPI) and Albuterol pMDI in Adults with Asthma.” F Hampel, P Martin, W Mezzanotte.
- 93) Manuscript Published in *Annals of Allergy, Asthma & Immunology*, 100(1), “Combination Therapy with Azelastine Hydrochloride Nasal Spray and Fluticasone Propionate Nasal Spray in the Treatment of Patients with Seasonal Allergic Rhinitis.” P Ratner, F Hampel, J Van Bavel, N Amar, P Daftary, W Wheeler, H Sacks; January 2008.

- 94) Poster presented at AAAAI meeting in Washington, DC on March 15, 2009 and Abstract published in *The Journal of Allergy and Clinical Immunology*, 123(2):S155, February 2009, "Efficacy and Safety of Azelastine Hydrochloride and Fluticasone Propionate Combined in a Single Nasal Spray Delivery Device in Patients with Seasonal Allergic Rhinitis." F Hampel, P Ratner, J Diaz, H Sacks.
- 95) Abstract published in *The Journal of Allergy and Clinical Immunology*, 123(2), "Efficacy and Safety of Azelastine Hydrochloride and Fluticasone Propionate Combined in a Single Nasal Spray Delivery Device in Patients with Seasonal Allergic Rhinitis." F Hampel, P Ratner, J Diaz, H Sacks; February 2009.
- 96) Poster presented at ACAAI meeting in Miami, FL, "Efficacy of Azelastine Hydrochloride and Fluticasone Propionate Combined in a Single Delivery Device for Treatment of Ocular Symptoms of Seasonal Allergic Rhinitis." P Ratner, F Hampel, W Wheeler, H Sacks; November 5-10, 2009.
- 97) Poster presented at ACAAI meeting in Miami, FL, "Safety and Pharmacokinetics of Olopatadine Hydrochloride Nasal Spray 0.6% in 2 to 5 Year-Old Pediatric Patients with Seasonal Allergic Rhinitis." F Hampel, P Ratner, N Amar, G Wall, A James; November 5-10, 2009.
- 98) Abstract published in *The Journal of Allergy and Clinical Immunology*, 125(2):AB176, "Azelastine Nasal Spray (.15%) Once Daily in Treating Nasal and Ocular Symptoms of Seasonal Allergic Rhinitis," F Hampel, P Ratner, W Wheeler, H Sacks; February 2010.
- 99) Manuscript Published in *Asthma & Allergy Proceedings*, 31(4), "Safety and Tolerability of Levocetirizine Dihydrochloride in Infants and Children with Allergic Rhinitis or Chronic Urticaria." F Hampel, P Ratner, J Haeusler; July-August 2010.
- 100) Abstract published in *The Journal of Allergy and Clinical Immunology*, 127(2):AB200, "BDP HFA Nasal Aerosol Effectively Improves Nasal Symptom Relief and Health-Related Quality of Life (QOL) in Subjects with Seasonal Allergic Rhinitis." J vanBavel, F Hampel, P Ratner, A Melchoir, et al.; February 2011.
- 101) Manuscript Published in *Annals Of Allergy, Asthma & Immunology*, 105(2), "Double-Blind, Placebo Controlled Study of Azelastine and Fluticasone in a Single Nasal Spray Delivery Device." F Hampel, P Ratner, J vanBavel, N Amar, et al.; August 2010.
- 102) Poster presented at ACAAI meeting in Boston, MA and abstract Published in *Annals Of Allergy, Asthma & Immunology*, 107(5):A118, "BDP HFA Nasal Aerosol 320 mcg Once Daily Effectively Improves Ocular Symptoms Associated with Seasonal Allergic Rhinitis." J vanBavel, P Ratner, N Amar, F Hampel, A Melchoir, S Dunbar, S Tantry, P Dorinsky; November 3-8, 2011.

- 103) Poster presented at ACAAI meeting in Boston, MA and abstract Published in *Annals Of Allergy, Asthma & Immunology*, 107(5):A118, “BDP HFA Nasal Aerosol 320 mcg Once Daily is Not Associated with HFA-Axis Suppression in Subjects with Perennial Allergic Rhinitis.” P Ratner, S Miller, F Hampel, A Melchoir, S Dunbar, S Tantry, P Dorinsky; November 3-8, 2011.
- 104) Poster presented at ACAAI meeting in Boston, MA and abstract Published in *Annals Of Allergy, Asthma & Immunology*, 107(5):A118, “An Evaluation of the Effects of Ciclesonide Hydrofluoroalkane Nasal Aerosol on Hypothalamic Pituitary Adrenal Axis in Subjects with Perennial Allergic Rhinitis.” F Hampel, A Pedinoff, D Miller, G Berman, H Huang, F Bode, S Desai; November 3-8, 2011.

CLINICAL RESEARCH

Studies performed by Central Texas Health Research

ABBOTT LABORATORIES

- 1) A Double-Blind 6-Month Study of the Effects of a New Oral Medication for the Treatment of Moderate Asthma. 24 patients enrolled. 1992-1993.
- 2) Safety and Efficacy Study with a New Oral Asthma Medication for Moderate Asthmatics. 1994.
- 3) Long-Term Surveillance Study of a New Oral Medication for Patients with Asthma. 5 patients enrolled. November 1994.
- 4) A Double-Blind Study to Evaluate the Safety and Efficacy of a New Medication in the Treatment of Mild-Moderate Asthma. 13 patients enrolled. 1996-1997.
- 5) Long-Term Safety Study of a Controlled-Release Once-A-Day Oral Medication Plus Usual Care vs Placebo Plus Usual Care in Patients with Asthma. 27 patients enrolled. 1997.
- 6) A Randomized, Double-blind, Placebo- and Active-Controlled, Parallel Group, 6-Week Study to Evaluate the Effect Multiple Doses of Long-Acting Beta Agonist with a steroid 250/10 µg HFA pMDI twice daily, Long-Acting Beta Agonist with a steroid 100/1µg HFA pMDI twice daily, Oral Steroid and Placebo on the Hypothalamic-Pituitary-Adrenal Axis in Adult Subjects with Mild to Moderate Asthma. 18 Patients Enrolled. 2008.

ACTELION

- 1) Multi-center, double-blind randomized, placebo-controlled, active reference, parallel-group, study of ACT -129968 in adult patients with seasonal allergic rhinitis (SAR). 79 Patients Enrolled. 2010-2011.

ALCON

- 1) A Placebo Controlled, Efficacy and Safety Study of a Nasal Spray for the Treatment of Seasonal Allergic Rhinitis. 45 patients enrolled. 2002.
- 2) A Placebo Controlled, Efficacy and Safety Study of a Nasal Spray for the Treatment of Seasonal Allergic Rhinitis. 165 patients enrolled. 2002-2003.
- 3) A Long Term Safety Study of a Nasal Spray for the Treatment of Perennial Allergic Rhinitis. 25 patients enrolled. 2003-2004.
- 4) Safety and Efficacy of an antihistamine Nasal Spray in Pediatric Patients. 9 patients enrolled. 2005.
- 5) Safety and Efficacy Study of Investigational Antihistamine Nasal Spray versus Investigational Antihistamine Nasal Spray Vehicle versus Marketed Antihistamine Nasal Spray in Treatment of Seasonal Allergic Rhinitis. 46 patients enrolled. 2005.
- 6) Safety Study of Olopatadine Nasal Spray. 15 patients enrolled. 2007.
- 7) Safety and Efficacy of an Intranasal Antihistamine in 6-11 Year Old Patients. 6 patients enrolled. 2007-2008.
- 8) Safety and Efficacy Evaluation of Topical Moxifloxacin/dexamethasone Otic Solution in the Treatment of Acute Otitis Externa. 6 Patients Enrolled. 2008
- 9) Safety and Pharmacokinetics of a Nasal Antihistamine in Pediatric Patients 2 to < 6 Years of Age Who Have a History of Allergic Rhinitis. 23 Patients Enrolled. 2008.
- 10) Safety of a Nasal Antihistamine Nasal Spray in Patients with Perennial Allergic Rhinitis. Still Enrolling. 2008-2009.

ALMIRALL

- 1) A Multi-center, Double-blind, Placebo-controlled, Randomized Comparative Study to Compare the Efficacy and Safety of two antihistamines and placebo All Given Once Daily for Four Weeks in the Treatment of Seasonal Allergic Rhinitis. 42 patients enrolled. 2001.

ALLERGENICS

- 31) A Phase IIB Parallel Group, Placebo Controlled Study of Two Different Maintenance Doses of Orally Administered Microencapsulated Ragweed Pollen. 16 patients enrolled. 2002.

ALLUX

- 1) Simulated Therapy Versus Simulated Placebo in Rhinophototherapy of Seasonal Allergic Rhinitis. 14 patients enrolled. Pilot Study 2005.

- 2) Therapy Versus Placebo in Rhinophototherapy of Seasonal Allergic Rhinitis. 96 patients enrolled. 2005-2006.

ALTANA

- 1) A Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Phase 3 Clinical Trial to Assess the Safety and Efficacy of an Intranasal Corticosteroid Treatment of Seasonal Allergic Rhinitis (SAR) in Patients 12 Years and Older in the Cedar Allergy Season. 60 patients enrolled. Cedar 2003-2004.
 - 32) A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Phase 3 Clinical Trial to Assess the Long Term Safety of an Intranasal Steroid in the Treatment of Perennial Allergic Rhinitis. 37 patients enrolled. 2004.
- 3) A Randomized, Double-Blind, Placebo-Controlled, Parallel- Group, Clinical Trial Designed to Assess the Safety and Efficacy of a Steroid Applied as a Nasal Spray for Two Weeks in the Treatment of Seasonal Allergic Rhinitis(SAR) in Patients 6 to 11 Years of Age. 17 patients enrolled. 2006.
- 4) A Double-Blind, Randomized, Placebo-Controlled, Parallel Group, Multicenter, Dose-ranging Study to Assess the Efficacy and Safety of a Steroid Nasal Aerosol in Adult and Adolescent Patients 12 years and Older with Seasonal Allergic Rhinitis (SAR). 19 patients enrolled. 2007.

AMGEN

- 1) An Open-label, Long-term Extension Study to Assess the Safety of a Psoriasis Medication in the Treatment of Psoriasis in Adult Subjects. 5 patients enrolled. 2003-2004

AMPHASTAR

- 1) A Randomized, Double-Blinded, Placebo-Controlled, Parallel Group, Multi-Center Study of the Generic Version of a Steroid Nasal Spray vs. the Reference Listed Drug, a Marketed Nasal Steroid, for Determination of Clinical Bioequivalence of Local Delivery in Patients with Seasonal Allergic Rhinitis. 80 patients enrolled. 2005-2006.
- 2) Epinephrine Inhalation Aerosol USP, an HFA-MDI: Clinical Study-C for Evaluation of Efficacy and Safety in Asthma Patients (A Randomized, Double-Blind, Placebo-Controlled, Two-Arm, Parallel, 12-Week Study in Adolescent and Adult Asthma Patients). 16 Patients Enrolled. 2011.

APOTEX

- 1) Bioequivalence Study of 200 mcg of a steroid nasal spray vs. 200 mcg of another steroid Nasal Spray in Patients with Seasonal Allergic Rhinitis. 40 patients enrolled. 2004.

- 2) Bioequivalence Study of a Steroid Nasal Spray vs. Another Steroid Nasal Spray in Patients with Seasonal Allergic Rhinitis. 47 patients enrolled. 2005.
- 3) Double-Blind, Multi-Centre, Placebo-Controlled, Clinical Study to Evaluate the Clinical Equivalence of a Marketed Nasal Spray vs. Another Marketed Nasal Spray for the Indication of Seasonal Allergic Rhinitis. 45 patients enrolled. 2006-2007.
- 4) A Randomized, Double-blind, Placebo-controlled, Parallel-group Study Comparing the Bioequivalence of Synthetic Corticosteroid Aqueous Nasal Spray (APOTEX, INC.) to that of a Marketed Synthetic Corticosteroid AQ Nasal Spray (Aventis Pharmaceutical Products, Inc.) in the Treatment of Seasonal Allergic Rhinitis. 40 Patients Enrolled. 2008.
- 5) A Randomized, Double-Bind, Placebo-Controlled, Parallel-Group study comparing the bioequivalence of a corticosteroid nasal spray (Apotex, Inc.) to that of a corticosteroid nasal spray (Sepracor, Inc.) in the treatment of seasonal allergic rhinitis. 60 Patients Enrolled. 2011.

ASTELLAS

- 1) A Phase 4, Multicenter, Double-Blind, Randomized, Placebo-Controlled Study of the Safety and Tolerance of Coronary Vasodilator in Subjects with Asthma or Chronic Obstructive Pulmonary Disease (COPD). 29 Patients Enrolled. 2009.

ASTRA

- 1) Double-Blind Study to Determine Efficacy and Safety of an Asthma Medication in a New Device for Adults with Mild to Moderate Asthma. 15 patients enrolled. 1995.
- 2) A Double-Blind Study to Determine the Safety and Efficacy of a New Inhaled Steroid in Patients with Non-Steroid Dependent Asthma. 15 patients enrolled. 1997.
- 3) A Double-Blind Study to Determine the Safety and Efficacy of a New Inhaled Steroid in Inhaled Steroid Dependent Asthmatics. 12 patients enrolled. 1997.

ASTRA MERCK

- 1) A Multi-Center, Double-Blind, Randomized, Placebo-Controlled Study to Investigate the Safety and Efficacy of a Once a Day Heartburn Medication. 99 patients enrolled. 1998.

ASTRA-ZENECA

- 1) Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study of the Effect of Long-Term Treatment with a Nasal Steroid Spray in Children with Perennial Allergic Rhinitis. 9 patients enrolled. 2000.
- 2) A Placebo-Controlled, Double-Blind, Parallel Group Study of the Safety And Efficacy of 3 Doses of an Nasal Steroid Spray in Adult and Adolescent Patients with Mountain Cedar Allergic Rhinitis. 79 patients enrolled. 2001.

- 3) A Randomized, Multicenter, Placebo and Active Controlled, Single-Dose, 4-Period, Crossover Study to Evaluate the Bronchodilating Effect of an Inhaled Steroid and Long-Acting Bronchodilator Versus a Marketed Inhaled Steroid and Long-Acting Bronchodilator Verses a Plain Short-Acting Bronchodilator. 5 patients enrolled. Asthma 2003.
- 4) Crossover Study to Evaluate the Bronchodilating Effect of an Inhaled Steroid and Long-Acting Bronchodilator Versus a Marketed Inhaled Steroid and Long-Acting Bronchodilator Verses a Plain Short-Acting Bronchodilator. 6 patients enrolled. Asthma 2003.

AVENTIS

- 1) A Multi-Center, Double-Blind, Randomized, Placebo-Controlled, Parallel Study to Assess the Safety and Tolerability of an Antihistamine Taken Twice Daily During Treatment of Children 2 through 5 Years of Age with Allergic Rhinitis. 28 patients enrolled. 2000.
- 2) A Double-Blind, Randomized, Placebo-Controlled, Parallel Group Study Assessing the Efficacy and Safety of an Oral Antihistamine Twice a Day in Pediatric Subjects (6 TO 11 YEARS) in the Treatment of Seasonal Allergic Rhinitis. 7 patients enrolled. 2000-2001.
- 3) A Phase III Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter, Efficacy, Safety, and Dose Response Study of a steroid Metered Dose Inhaler 50 mcg/Day, 100 mcg/Day, and 200 mcg/Day (Ex-Valve) Administered Once Daily for 12 Weeks in the Treatment of Children with Persistent Asthma. 1 patient enrolled. 2001.
- 4) A Double-Blind, Double-Dummy, Parallel-Group, Multicenter, Randomized Study of two antihistamines in Subjects with Moderate to Severe Seasonal Allergic Rhinitis (SAR) During the Fall Allergy Season. 43 patients enrolled. 2001.
- 5) A Multicenter, Double-Blind, Randomized, Placebo-Controlled, Parallel Study to Assess the Safety and Tolerability of an antihistamine in Children With Allergic Rhinitis. 12 patients enrolled. 2001
- 6) A Multicenter, Double-Blind, Randomized, Placebo-Controlled, Parallel Study to Assess the Safety and Tolerability of an antihistamine in Children with Allergic Rhinitis. 16 patients enrolled. 2001.
- 7) A Double-Blind, Double-Dummy, Parallel-Group, Multicenter, Randomized, Study of a marketed antihistamine 180 mg vs another marketed antihistamine HCl 10 mg in Subjects with Moderate to Severe Seasonal Allergic Rhinitis (SAR) During the Fall or Winter/Spring Allergy Season. 27 Patients Enrolled. 2002.

- 8) A Multicenter, Open-Label, Randomized, Parallel Groups Study to Assess the Long-Term Safety Performance of a marketed antihistamine Compared to a leukotriene receptor antagonist in Subjects with Asthma. 12 patients enrolled. 2002.
- 9) A Multicenter, Double-Blind, Randomized, Parallel Study Comparing the Efficacy and Safety of antihistamine 120 mg BID, antihistamine 240 mg QD and Placebo in Subjects with Perennial Allergic Rhinitis. 21 patients enrolled. 2002.
- 10) A Multicenter, Randomized, Open-Label, One Year Long-Term Safety Study of an Inhaled Corticosteroid Administered Once Daily Compared to a Marketed Inhaled Corticosteroid Administered Twice Daily For The Treatment of Children with Persistent Asthma. 1 patient enrolled. 2003.
- 11) A Multicenter, Randomized, Single-Blind, Active-Controlled, Parallel Group Study Comparing the Efficacy of Two Intranasal Corticosteroids Given for One Week for the Treatment of Seasonal Allergic Rhinitis Symptoms in Patients 12-65 Years of Age in the Spring Allergy Season. 18 patients enrolled. 2003.
- 12) A Multi-Center, Multi-National, Randomized, Double-Blind, Parallel Group Study of the Effects of 2 Inhaled Corticosteroids on Lens Opacification in Adult Subjects with Moderate to Severe Persistent Asthma. 18 Patients Enrolled. 2004.
- 13) A multicenter, randomized, double-blind, placebo-controlled, parallel-group study to assess the efficacy of a steroid metered-dose inhaler at a daily dose of 160 µg administered for 12 weeks either in a once-daily regimen in the morning (160 µg qd AM) or in a twice-daily regimen (80 µg bid) in adults and adolescents with mild to moderate persistent asthma treated previously with inhaled corticosteroids. 18 patients enrolled. 2005.

BAKER NORTON

- 1) A Single-Dose, Dose-Ranging Efficacy Comparison of a BOI Asthma Medication and an MDI Asthma Medication. 2 patients enrolled. 2001.

BAYER

- 1) A Double-Blind Study to Compare Safety and Efficacy of Two Doses of Aerosol Medication Versus Placebo in Patients with Mild to Moderate Asthma. 13 patients enrolled. 1996.
- 2) A Randomized, Double-Blind, Parallel Group, 18-Month Evaluation of Two Dose Strengths of a Cholesterol Lowering Medication and Placebo/Another Cholesterol Lowering Medication Taken Once Daily in Patients with Hypercholesterolemia. 21 patients enrolled. 1997-1999.

- 3) A Randomized, Double-Blind, Parallel-Group Comparison of the Safety and Efficacy of Three Once Daily Doses of a PDE 4 Inhibitor with Placebo and a leukotriene receptor antagonist 10 mg Daily in Patients with Symptomatic Asthma. 21 patients enrolled. 2000.

BIOGEN

- 1) A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Dose-Response Study of a New Antibody Drug in Subjects with Moderate to Severe Plaque Psoriasis. 7 patients enrolled. 1998.
- 2) A Randomized, Multiple-Dose, Dose-Escalation Study to Determine the Relationship of Tolerability to Dose and Plasma Concentration of a New Antibody Drug in Subjects with Moderate to Severe Plaque Psoriasis. 13 patients enrolled. 1998-1999.
- 3) A Blinded, Multiple-Dose Study to Determine the Tolerability of Repeated Courses of a New Antibody Drug in Subjects with Moderate, Moderate to Severe, and Severe Plaque Psoriasis. 6 patients enrolled. 1999.
- 4) A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of Intravenous Administration of a New Antibody Drug in Subjects with Chronic Plaque Psoriasis. 10 patients enrolled. 1999-2000.
- 5) An Open-Label Study to Assess the Tolerability and Efficacy of Repeat Courses of a New Antibody Drug in Subjects with Chronic Plaque Psoriasis who have Previously Completed a Prior Psoriasis Study. 8 patients enrolled. 1999-2000.
- 6) An Open-Label Study to Determine the Safety and Efficacy of Repeat Courses of New Antibody Drug in Subjects with Chronic Plaque Psoriasis. 2 patients enrolled. 2001.

BOEHRINGER-INGELHEIM PHARMACEUTICALS

- 43) Double-Blind, Safety and Efficacy Study of a Nasal Spray in Patients with Non-Allergic Perennial Rhinitis. 35 patients enrolled. Spring 1989.
- 44) Double-Blind, Dose-Ranging, Comparison Study for Patients with Moderate to Severe Cedar Pollen Seasonal Allergic Rhinitis. 72 patients enrolled. Cedar 1990-1991.
- 45) Double-Blind, Comparison Study of a Nasal Spray on Patients with Perennial Allergic Rhinitis. 24 patients enrolled. Spring 1991.
- 46) A Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study to Assess Long Term [One Year] Efficacy and Safety of an Anticholinergic Inhalation Solution Delivered by an Investigational Inhaler in Patients with Chronic Obstructive Pulmonary Disease [COPD]. 7 patients enrolled. 2007.
- 47) Randomized, Double-Blind, Parallel Group Study to Assess the Efficacy and Safety of 4 Weeks of Once Daily Treatment of 3 Doses of Orally Inhaled Long-Acting

Anticholinergic Bronchodilator, each in fixed dose Combination with 5 µg Orally Inhaled Long-Acting Anticholinergic Bronchodilator (Delivered by a Soft Mist Inhaler) Compared with 5 µg Orally Inhaled Long-Acting Anticholinergic Bronchodilator Monoproduct (Delivered by a Soft Mist Inhaler) in Patients with COPD. 7 Patients Enrolled. 2008.

48) Randomized, double blind, placebo and active controlled, parallel group study to evaluate the safety and efficacy of 6-week treatment with oral doses of 50 mg b.i.d., 200 mg b.i.d., and 400 mg b.i.d. BI 671800 ED in steroid-naïve patients with persistent asthma. 5 Patients Enrolled. 2010-2011.

BURROUGHS WELLCOME

- 1) Two Protocols on an Antihistamine for Safety and Efficacy. 100 patients enrolled. 1983-1984.
- 2) Comparison Study of a New Combination Antihistamine/Decongestant to its Component Parts in Seasonal Allergic Rhinitis. 112 patients enrolled over a 5-week period. Cedar 1989-1990.
- 3) Double-Blind, Comparison Study of an Antihistamine for the Treatment of Seasonal Allergic Rhinitis Symptoms. 53 patients enrolled. Fall 1990.
- 4) A Comparison Study for Patients with Seasonal Allergic Rhinitis Symptoms during Cedar Season. 120 patients enrolled. Cedar 1990-1991.
- 5) A Comparison Study of a New Combination Antihistamine/ Decongestant and Seldane Tablets for Onset of Action and Effectiveness Across 1 week of Treatment in Patients with Seasonal Allergic Rhinitis Symptoms. 53 patients enrolled. Cedar 1991-1992.

CAPNIA

- 1) A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study to Evaluate the Efficacy and Safety of Nasal Carbon Dioxide in the Treatment of Seasonal Allergic Rhinitis. 40 Patients Enrolled. Fall 2008.

CIBA

- 1) Open-Label Study to Evaluate Patient Use and Tolerability of a Once-A-Day Antihistamine/Decongestant Combination. 30 patients enrolled. 10/1988.
- 2) Single-Blind Study to Compare Patient Use and Overall Subjective Evaluation of Product Performance of Several Different Antihistamines on Seasonal and Perennial Rhinitis. 100 patients enrolled. Fall 1989.
- 3) Antihistamine Comparison Study for Patients with Allergic Rhinitis during Ragweed Season. 40 patients enrolled. Fall 1990.

- 4) Study to Determine the Safety, Tolerability, and Efficacy of an IV Medication in Patients with Seasonal Allergic Rhinitis during the Mountain Cedar Season. 44 patients enrolled. Cedar 1994-1995.
- 5) A Double-Blind Study Comparing the Safety, Tolerability, and Efficacy of a Dry Powder Inhalation for Asthma in Patients with Mild to Moderate Asthma. 20 patients enrolled. 1995.
- 6) A Double-Blind Study Comparing Safety, Tolerability and Efficacy of Different Doses of Drug Powder Capsules for Inhalation Versus Placebo when Treating Patients with Mild to Moderate Asthma. 16 patients enrolled. 1996.
- 7) A Double-Blind Study to Determine the Efficacy, Safety, Tolerability, Pharmacokinetics and Biologic Activity of Different Dose Levels of an Intravenous Medication Given every 2 Weeks for 6 Times in Patients with Mild to Moderate Perennial Allergic Asthma. 12 patients enrolled. 1996.
- 8) A Phase I Study to Determine Pharmacokinetics and Pharmacodynamics of a Single Dose of Medication Given Intravenously or Subcutaneously to Healthy Atopic Subjects. 26 patients enrolled. 1996.

CLAY-PARK

- 1) An Investigator-Blind, Randomized, Placebo-Controlled, Parallel-Group Study to Demonstrate the Safety and Bioequivalence of a steroid Nasal Spray Compared with a marketed steroid nasal 55 mcg in the Relief of the Signs and Symptoms of Seasonal Allergic Rhinitis (SAR). 52 patients enrolled. 2005.

COBALIS

- 1) A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study Of The Safety and Efficacy Of Pre-Seasonal Sublingual vitamin Lozenges On Moderate To Moderately Severe Allergic Rhinitis In Humans. 90 patients enrolled. 2004-2005.

COLLEGIUM

- 1) A Randomized, Open Label, Placebo Controlled, Parallel-Group Study to Compare the Safety and Efficacy of Two Marketed Antihistamines Administered Together with a Marketed Antihistamine Administered Alone in Adult Subjects with Seasonal Allergic Rhinitis. 20 patients enrolled. 2006.

CRITERIUM

- 1) A Multi-Center, Three Arm, Parallel Group, Partially Blind, Placebo-Controlled,

Randomized Study of the Bioequivalence and Efficacy of a Steroid Nasal Spray Compared

to a Marketed Steroid Nasal Spray in Patients with Seasonal Allergic Rhinitis. 52 patients enrolled. Spring 2006.

DEY

- 1) A Placebo and Active-Controlled, Double-Blind, Parallel-Group Comparison of Two Nasal Sprays in Seasonal Allergic Rhinitis. 120 patients enrolled. 1998-1999.
- 2) A Double-Blind, Double-Dummy, Randomized, Placebo Controlled Multicenter Study to Assess the Safety and Efficacy of a steroidal Nasal Spray 0.042% in Adolescent and Adult Patients with Seasonal Allergic Rhinitis. 30 patients enrolled. 2001.
- 3) A Double-Blind, Double-Dummy, Randomized, Placebo Controlled Multicenter Study to Assess the Safety and Efficacy of a steroidal Nasal Spray in Adolescent and Adult Patients With Seasonal Allergic Rhinitis Due to Mountain Cedar Allergies. 105 patients enrolled. 2001-2002.

DURA

- 1) An Open-Label, Multiple-Dose, Multi-Center Study to Evaluate the Safety of an inhaled steroid and Reliability of the “To Be Marketed” Dry Powder Inhaler in Patients with Asthma. 18 patients enrolled. 1999-2000.

DYNAVAX

- 1) A Phase IIb, Double-Blind, Randomized, Placebo-Controlled Study of the Efficacy, Safety and Tolerability of Subcutaneously Administered Immunotherapy Medication in Ragweed-Allergic Adults” 17 patients enrolled. 2004.
- 2) A Phase III, Non-Pivotal, Double-Blind, Randomized Study of the Efficacy, Safety and Tolerability of Subcutaneously Administered Immunotherapy Medication Plus Antihistamine and Decongestant Versus Antihistamine and Decongestant Alone in Ragweed Allergic Children. 23 patients enrolled. 2005.
- 3) A Randomized, Double-Masked, Placebo-Controlled, Multicenter, Dose-Regimen Study of the Efficacy and Safety of a Subcutaneously Administered Immunotherapy in Ragweed-Allergic Rhinitis Adults. 34 patients enrolled. 2006.

EMERGENT BIOSOLUTIONS

- 1) Immunogenicity Study of a Three-Dose Subcutaneous Vaccine for Post-Exposure Prophylaxis in Healthy Adults. 40 patients enrolled. 2006.

FISONS PHARMACEUTICALS

- 1) A Pre-Season, Dose-Ranging, Double-Blind, Placebo-Controlled Group Comparative Study of a New Nasal Spray in Patients with Seasonal Allergic Rhinitis Caused by Cedar Pollen. 72 patients enrolled. Cedar 1991-1992.

FOREST

- 1) A Phase I, Multi-Center, Randomized, Open-Label, Multiple Dose, Crossover Study to Evaluate the Pharmacokinetics, Safety and Tolerability of an Inhaled Corticosteroid Administered via Two Different Devices to Stable Mild Asthma Patients. Still Enrolling. 2011.

GENDERM

- 24) A Double-Blind Study Comparing Two Doses of a Nasal Spray vs Placebo for the Treatment of Seasonal Allergic Rhinitis during the Mountain Cedar Season. 60 patients enrolled. Cedar 1995-1996.

GLAXO/GLAXO WELLCOME

- 1) A Double-Blind Comparison Study of the Efficacy and Safety of 2 Steroid Nasal Sprays on Seasonal Allergic Rhinitis during the Mountain Cedar Season. 50 patients enrolled. Cedar 1988-1989.
- 2) A Double-Blind Comparison Study of the Efficacy and Safety of 2 Nasal Steroids in Adolescent Patients with Seasonal Allergic Rhinitis. 24 patients enrolled. Spring 1989.
- 3) A Double-Blind Comparison Study of a Topical Steroid for Patients with Seasonal Allergic Rhinitis in the Mountain Cedar Season. 45 patients enrolled. Cedar 1990.
- 4) A Double-Blind Comparison Study of an Inhaled Steroid in Adolescent and Adult Patients with Moderate Asthma. 28 patients enrolled. Summer 1991-Spring 1992.
- 5) A Double-Blind Comparison Study of a Topical Steroid for Patients with Seasonal Allergic Rhinitis in the Spring Allergy Season. 32 patients enrolled. Spring 1992.
- 6) A Double-Blind Comparison Study for Efficacy of a Steroid Nasal Spray and an Oral Steroid in Patients with Seasonal Allergic Rhinitis during the Mountain Cedar Allergy Season. 65 patients enrolled. Cedar 1992-1993.
- 7) Randomized, Double-Blind, Parallel-Group Trial to Assess Efficacy of a New Inhaled Steroid in Adult Patients with Moderate Asthma. 13 patients enrolled. Fall 1993.
- 8) Randomized, Double-Blind, Comparative Trial of a New Inhaled Steroid vs Placebo in Adolescent and Adult Patients with Mild to Moderate Asthma. 30 patients enrolled. Summer 1994.
- 9) Double-Blind, Comparative Trial of an Inhaled Steroid in Adolescent and Adult Subjects with Mild to Moderate Asthma. 17 patients enrolled. Summer/Fall 1995.

- 10) Twelve Week, Double-Blind Comparative Study of a Long Acting Asthma Medication for Adults and Adolescents with Mild to Moderate Asthma. 24 patients enrolled. Summer/Fall 1995.
- 11) A Double-Blind, Parallel-Group Comparison of the Efficacy and Safety of a Nasal Spray vs an Oral Antihistamine for 2 weeks in Patients with Seasonal Allergic Rhinitis. 120 patients enrolled. Winter 1995.
- 12) A Double-Blind Study to Evaluate the Safety and Efficacy of Albuterol in a New Propellant in Patients with Asthma. 16 patients enrolled. 1996-1997.
- 13) A Randomized, Double-Blind, Double-Dummy, Placebo-Controlled, Parallel Evaluation of an Anti-Ulcer Drug for the Reduction of Severity or Prevention of Meal-Induced Heartburn. 52 patients enrolled. Spring 1997.
- 14) A Randomized, Double-Blind, Double-Dummy, Parallel-Group, Clinical Trial Assessing the Safety and Efficacy of Albuterol via a New Device Versus Albuterol via the MDI Versus Placebo in Pediatric Subjects Aged 4-11 years with Asthma. 9 patients enrolled. Spring/Summer 1997.
- 15) A Double-Blind, Double-Dummy, Randomized, Placebo-Controlled, Parallel-Group Comparison of Two Different Aqueous Nasal Sprays in Patients with Seasonal Allergic Rhinitis. 30 patients enrolled. Fall 1997.
- 16) A Single-Blind, Randomized, Parallel-Group Comparison of the Efficacy and Safety of an Aqueous Nasal Spray vs a Non-Steroidal Prophylactic Nasal Spray vs Placebo for Four Weeks in Subjects with Seasonal Allergic Rhinitis. 24 patients enrolled. Fall 1997.
- 17) A Randomized, Double-Blind, Multi-Center Comparison of the Efficacy and Safety of a 5- or 10-Day Course of an Antibiotic and a 14-Day Course of a different antibiotic in the Treatment of Patients with Acute Bacterial Maxillary Sinusitis. 13 patients enrolled. Spring 1998.
- 18) A Placebo and Active-Controlled, Double-Blind, Parallel-Group Comparison of Two Nasal Sprays in patients with Seasonal Allergic Rhinitis. 120 patients enrolled. 1998.
- 19) A Randomized, Double-Blind, Parallel-Group Trial of an Inhaled Asthma Drug with New Propellant in Adolescent and Adult Subjects with Asthma. 11 patients enrolled. 1999.
- 20) A Double-Blind, Randomized, Placebo-Controlled, Parallel-Group, Multicenter Study to Investigate the Efficacy and Safety of as Inhaled Medication Administered Twice Daily for Five Days in the Treatment of Influenza in Patients 12 Years or Over Diagnosed with Asthma or Chronic Obstructive Pulmonary Disease. 1 patient enrolled. 1999.
- 21) A Double-Blind, Randomized, Placebo-Controlled, Parallel Group, Multicenter Study to Investigate the Efficacy and Safety of an Inhaled Medication Administered Twice Daily for

Five Days in the Treatment of Symptomatic Influenza A and B in Children Ages 5-12. 19 patients enrolled. 1999.

- 22) A Randomized, Double-Blind, Active-Controlled, Parallel-Group, 12-Week Trial Evaluating the Safety and Efficacy of an Asthma DISKUS Combination Product BID Compared with a long-acting Beta2-agonist mg via DISKUS BID and an inhaled steroid via DISKUS BID in Symptomatic Adult and Adolescent Subjects with Asthma on Short-Acting Beta2-Agonist Therapy. 10 patients enrolled. 1999-2000.
- 23) A Multi-Center, Randomized, Double-Blind, Parallel-Group Study Examining the Effect of an Aqueous Nasal Spray QD in Subjects with Sinus Pain and Pressure Associated with Nasal Congestion due to Allergic Rhinitis. 61 patients enrolled. Cedar 2000.
- 24) A Double-Blind, Double-Dummy, Randomized, Parallel Group Comparison of a Nasal Steroid Spray, Placebo, and an Antihistamine Administered (No More Than Once Daily) As-Needed in Subjects with Seasonal Allergic Rhinitis. 30 patients enrolled. 2000.
- 25) A Double-Blind, Randomized, Placebo-Controlled, Parallel-Group, Multicenter Study to Investigate the Efficacy and Safety of an Inhaled Antiviral Administered Once a Day for 28 Days in the Prevention of Symptomatic Influenza A and B Viral Infections in Community-Dwelling High Risk Subjects Aged ≥ 12 Years. 96 patients enrolled. 2000-2001.
- 26) A Multicenter, Randomized, Double-Blind, Double-Dummy, Parallel-Group, Two-Week Study Assessing the Efficacy of a aqueous steroid nasal spray Versus leukotriene receptor antagonist 10 mg QD in Subjects > 15 years Old with Seasonal Allergic Rhinitis. 180 patients enrolled. 2001-2002.

GLAXO-SMITHKLINE

- 20) A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Assess the Efficacy of a Four-Week Course of Nasal Steroid Spray on Ocular Symptoms Commonly Associated with Seasonal Allergic Rhinitis. 45 patients enrolled. Spring 2001.
- 21) An Open-Label, Multi-Center Study to Evaluate the Performance and Patient Satisfaction of a Combination Inhaled Steroid and Long-Acting Bronchodilator with Counter in Asthma or COPD Subjects at Least 12 Years of Age. 9 patients enrolled. 2003.
- 22) An Open-Label, Multi-Center Study to Evaluate the Performance and Patient Satisfaction of a Short-Acting Bronchodilator with Counter in Asthma or COPD Subjects at Least 4 Years of Age. 12 patients enrolled. 2003.
- 4) A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter, Study to Evaluate the Efficacy and Safety of Once-Daily, Intranasal Corticosteroid of Several Doses for 14 days in Adult and Adolescent Subjects with Seasonal Allergic Rhinitis During the Cedar Allergy Season. 95 patients enrolled. Cedar 2003-2004.

- 5) A Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Multicenter Study to Evaluate the Efficacy and Safety of Once-Daily, Intranasal Administration of an intranasal steroid Aqueous Nasal Spray 100 mcg for 2 Weeks in Adult and Adolescent Subjects with Seasonal Allergic Rhinitis. 59 patients enrolled. 2004-2005.
- 6) A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter, Study to Evaluate the Efficacy and Safety of Once-Daily, Intranasal Administration of an intranasal steroid Aqueous Nasal Spray 100 mcg for 4 Weeks in Adult and Adolescent Subjects (12 years of age) with Perennial Allergic Rhinitis (PAR). 6 patients enrolled. 2005.
- 7) A Randomized, Double-Blind, Parallel Group, 52-week Study to Compare the Effect of the an inhaled steroid/long acting beta 2 agonist Combination Product 250/50mcg BID with Long acting beta 2 agonist 50mcg BID on the Annual Rate of Moderate/Severe Exacerbations in Subjects with Chronic Obstructive Pulmonary Disease (COPD). 9 patients enrolled. 2005.
- 8) A Comparison of a steroid Nasal Spray versus Oral Antihistamine in the Treatment of Seasonal Allergic Rhinitis. 97 patients enrolled. 2006-2007.
- 9) A Multi-Center, No Drug Treatment, Cross-Sectional Survey Study to Develop and Validate the Rhinitis Control Assessment Questionnaire (RCAQ) in Adult and Adolescent Subjects 12 Years of Age and Older with Non-Infectious Allergic Rhinitis. 22 patients enrolled. 2006-2007.
- 10) A Randomized, Double-Blind, Placebo-Controlled, Active Comparator, One-Week, Cross-Over, Multicenter Study to Evaluate the Efficacy, Patient Preference and Experience of Once-Daily, Intranasal Administration of a Steriod Nasal Spray and a higher dose of Steroid Nasal Spray in Adult Subjects with Seasonal Allergic Rhinitis. 16 patients enrolled. Fall 2007.
- 11) Validation of a New Shortness of Breath with Daily Activities Questionnaire in patients with Chronic Obstructive Pulmonary Disease. 9 Patients Enrolled. 2009.

HI-TECH

- 1) A Double-Blind, Randomized, Placebo Controlled, Parallel Group, Multi-Site Study to Compare the Clinical Equivalence of a steroid Nasal Spray with a marketed steroid Nasal Spray in the Relief of the Signs and Symptoms of Seasonal Allergic Rhinitis. 29 patients enrolled. 2004.

HOECHST MARION ROUSSEL

- 1) A Multi-Center, Double-Blind, Randomized, Placebo-Controlled, Parallel-Study Comparing the Efficacy and Safety of Four Dosage Strengths of an Antihistamine in the Treatment of Chronic Idiopathic Urticaria. 12 patients enrolled. 1997.

- 2) A Double-Blind, Randomized, Placebo-Controlled, Parallel-Study Comparing the Efficacy and Safety of Two Doses of an Antihistamine Given QD in the Treatment of Fall Seasonal Allergic Rhinitis. 52 patients enrolled. Fall 1997.
- 3) A Double-Blind, Randomized, Placebo-Controlled, Parallel-Study Comparing the Efficacy and Safety of Three Dosage Strengths of a Twice a Day Oral Antihistamine in Pediatric Patients (Ages 6 to 11 years) in the Treatment of Seasonal Allergic Rhinitis. 20 patients enrolled. Fall 1997.
- 4) A Double-Blind, Randomized, Parallel-Study Comparing the Efficacy and Safety of Three Doses of an Oral Antihistamine in the Treatment of Perennial Allergic Rhinitis. 24 patients enrolled. Spring 1999.

HOFFMANN-LAROCHE

- 1) Comparison Study of the Safety and Anti-Hypertensive Effects of a New ACE Inhibitor. 24 patients enrolled. Fall 1989.
- 2) A Double-Blind Comparison Study of a New Oral Medication for the Treatment of Obesity. 41 patients enrolled. Summer 1993.

IMMUTECH PHARMACEUTICALS

- 1) Safety and Efficacy Study on Subcutaneously Injected HEPP (Human IgE Pentapeptide) in the Treatment of Seasonal Allergic Rhinitis. 20 patients enrolled. 1984.
- 2) Phase III Clinical Trial on HEPP Intranasal Solution and Seasonal Allergic Rhinitis. 40 patients enrolled over a 3-week period. Spring 1986.
- 3) Phase III Clinical Trial on HEPP Intranasal Solution and Seasonal Allergic Rhinitis, 3 Month Safety and Efficacy Study. 50 patients enrolled. Fall 1986.
- 4) HEPP Ophthalmic Solution Onset of Action on Seasonal Allergic Conjunctivitis, Safety and Efficacy Study. 12 patients enrolled. Cedar 1987.

IMMUNEX

- 1) Phase II Safety and Efficacy Study of a New Nebulized Asthma Medication. 10 patients enrolled. 2000-2001.
- 2) Phase II Safety and Efficacy Study of a New Nebulized Asthma Medication in Asthma Patients Using Inhaled Corticosteroids. 2 patients enrolled. 2001.
- 3) A Multicenter Dose Ranging Study of the Safety and Efficacy of an injectable psoriasis medication in Psoriasis. 10 patients enrolled. 2002.

INSPIRE PHARMACEUTICALS, INC.

- 1) A Randomized, Multi-Center, Double-Blind, Placebo-Controlled, Parallel-Group, Dose-Ranging Safety, Efficacy, and Tolerability Study of Two Doses of a nasal antihistamine vs. Placebo in Subjects with Seasonal Allergic Rhinitis. 89 patients enrolled. 2006-2007.
- 2) A Phase 3 Randomized, Multi-Center, Double-Blind, Placebo-Controlled, Parallel-Group, Multiple Dose Safety and Efficacy Study of an Intranasal Antihistamine vs. Placebo in Subjects with Seasonal Allergic Rhinitis. 83 patients enrolled. 2007-2008.

ISTA

- 1) A Dose Ranging Study to Evaluate the Safety and Efficacy of a antihistamine Nasal Spray in the Treatment of Seasonal Allergic Rhinitis (SAR) in Subjects with a Demonstrated History of Western Mountain Cedar Pollen Allergy. 107 Patients Enrolled. 2010-2011

IVAX

- 1) A Randomized, Double-Blind, Double-Dummy, Parallel Group Study to Compare the Safety and Efficacy of a steroid Aqueous Nasal Spray to another steroid Nasal Spray and Placebo in Patients with Seasonal Allergic Rhinitis. 93 patients enrolled. 2001-2002.
- 2) A Randomized, Double-Blind, Double-Dummy, Parallel Group Study to Determine the Safety and Efficacy of an Intranasal Corticosteroid Compared to a Marketed Intranasal Corticosteroid and Placebo in Patients with Ragweed-Induced Seasonal Allergic Rhinitis. 32 patients enrolled. Fall 2003.

JANSSEN PHARMACEUTICAL COMPANY

- 1) The Clinical Evaluation of the Safety and Efficacy of an antihistamine/decongestant Combination in the Treatment of Seasonal Allergic Rhinitis. 75 patients enrolled. Fall 1987.
- 2) Safety and Efficacy Study of a New Antihistamine on Seasonal Allergic Rhinitis in Children. 45 patients enrolled. Fall 1988.
- 3) Clinical Study to Determine the Efficacy of the Pseudoephedrine Component of an antihistamine/decongestant Combination at the End of the 2-Week Dosing Interval. 75 patients enrolled. Fall 1991.
- 4) Clinical Study to Determine the Safety and Efficacy of an antihistamine/decongestant Combination in Comparison to Seldane-D and Placebo in the Treatment of Seasonal Allergic Rhinitis. 75 patients enrolled. Cedar 1991-1992.
- 5) A Double-Blind Comparison Study for the Safety and Efficacy of an antihistamine/decongestant combination and another antihistamine/decongestant combination in the Treatment of Seasonal Allergic Rhinitis. 36 patients enrolled. Fall 1992.

- 6) Double-Blind Nasal Spray Comparison Study for Patients with Seasonal Allergic Rhinitis during the Fall. 50 patients enrolled. Fall 1993.
- 7) Study to Determine the Safety and Efficacy of a Nasal Spray in the Treatment of Seasonal Allergic Rhinitis during the Mountain Cedar Season. 100 patients enrolled. Cedar 1994/95.
- 8) A Study to Determine the Safety of a Nasal Spray Used Over 6 Months. 57 patients enrolled. Spring 1995.

MAGNA

- 1) A Multi-center, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study Evaluating the Safety and Efficacy of a antihistamine, decongestant, and anticholinergic combination in Adult and Adolescent Subjects with a history of Seasonal Allergic Rhinitis. 23 Patients Enrolled. 2011.

MAP

- 1) A randomized, double blind, placebo controlled, 3 arm, parallel group, phase 2 study investigating the efficacy, tolerability and pharmacokinetics of a nebulized steroid in asthmatic children and adolescents over 6 weeks. 13 patients enrolled. 2006.
- 2) A randomized, double blind, placebo controlled, parallel group, study investigating the safety and efficacy over 12 weeks treatment period of a Nebulized Corticosteroid in asthmatic infants and children 12 months to 8 years of age. 3 Patients Enrolled. 2008.
- 3) A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Phase 3 Study of an Inhaled Medication in Adult Migraineurs for a Single Migraine Followed by Open -Label Extensions to 26/52 Weeks. 15 Patients Enrolled. 2008.
- 4) A randomized, double blind, active controlled, Phase 3 extension study investigating the safety and efficacy over 40 weeks of 2 doses of a Nebulized Corticosteroid in asthmatic infants and children 12 months to 8 years of age. 2 Patients Enrolled. 2008.

MCNEIL CONSUMER PRODUCTS

- 1) A Comparison Study to Evaluate the Safety and Efficacy of over the counter allergy medications, a prescription antihistamine and Placebo in Patients with Seasonal Allergic Rhinitis. 40 patients enrolled. Fall 1992.
- 2) Double-Blind Comparison Study of a New Antihistamine for Patients with Allergic Rhinitis to Mountain Cedar Pollen. 65 patients enrolled. Cedar 1993-1994.
- 3) A Randomized, Double-Blind, Multi-Center Study of the Efficacy and Safety of an Over the-Counter Allergy Medication Compared with a prescription allergy medicine in the Treatment of Seasonal Allergic Rhinitis. 40 patients enrolled. Spring 1998.

- 4) An Open-Label Study of an NSAID/decongestant Suspension in Children. 10 patients enrolled. Summer 1999.

MEDA

- 1) Randomized, Double-Blind Trial of a Combination Antihistamine and Steroid Nasal Spray Compared to Placebo, a Marketed Intranasal Antihistamine, and an Intranasal Steroid in the Treatment of Patients with Seasonal Allergic Rhinitis. 28 Patients Enrolled. 2008.

- 25) Randomized, Double-Blind, Double-Dummy Trial of Two Sustained Release Formulations of a Muscle Relaxant Compared to Placebo in Patients with Acute, Painful Musculoskeletal Spasm of the Lower Back. 21 Patients Enrolled. 2008.

- 3) Randomized, Double-Blind Trial of the Combination of an Antihistamine Nasal Spray and Intranasal Corticosteroid Compared to Placebo, Antihistamine Nasal Spray, and Intranasal Corticosteroid in the Treatment of Patients with Seasonal Allergic Rhinitis. 27 Patients Enrolled. Fall 2008.

- 4) Randomized, Double-Blind, Placebo-Controlled Trial of the Safety and Efficacy of a Nasal Antihistamine in Subjects with Seasonal Allergic Rhinitis. 78 Patients Enrolled. Cedar 2008-2009.

- 5) Randomized, Double-Blind Trial of Intra Nasal Antihistamine Spray Compared to Placebo, Intra Nasal Antihistamine Nasal Spray and Intra Nasal Glucocorticoid Spray in the Treatment of Patients with Seasonal Allergic Rhinitis. 40 Patients Enrolled. Spring 2009.

- 6) Randomized, Double-Blind, Placebo-Controlled Trial of the Safety and Efficacy of an Intranasal Antihistamine and an Intranasal Antihistamine in Children Ages >6 to <12 with Perennial Allergic Rhinitis. Still Enrolling. 2010.

- 7) Randomized, Double-Blind, Placebo-Controlled Trial of the Safety and Efficacy of an Intranasal Antihistamine and an Intranasal Antihistamine in Children Ages >6 to <12 with Perennial Allergic Rhinitis. 18 Patients Enrolled. 2010.

MEDICINOVA

- 1) A Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Effects of a Novel Leukotriene Inhibitor in Subjects with Mild to Moderate Asthma. 3 patients enrolled. 2007.

MEDIMMUNE

- 1) A Prospective, Double-Blind, Randomized Trial To Demonstrate Equivalent Immunogenicity Of inactivated flu vaccine and live attenuated flu vaccine In Healthy Participants Ages 5 Through 49 Years. 32 patients enrolled. 2004.

- 2) A Randomized, Double-Blind Trial To Assess The Safety and Relative Efficacy Of a live attenuated influenza vaccine Against Inactivated Influenza Vaccine in Children 6-59 Months of Age. 34 patients enrolled. 2004.
 - 26) A Phase 2 Open-Label, Single-Arm Trial to Evaluate the Shedding and Safety of Vaccine Administered to Children 6 to <60 Months of Age. 20 patients enrolled. 2006.
- 4) A Randomized, Double-Blind, Active Controlled Study to Evaluate the Immunogenicity of Influenza Vaccine in Children. 49 Patients Enrolled. 2010.
- 5) Randomized, Double-Blind, Active Controlled Study to Evaluate the Immunogenicity of Influenza Vaccine in Children. 49 Patients Enrolled. 2010.

MEDPOINTE

- 1) A Randomized, Double-Blind, Placebo-Controlled Trial of antihistamine Nasal Spray, and an oral antihistamine in Patients With Seasonal Allergic Rhinitis. 31 patients enrolled. 2002.
- 2) A Randomized, Double-Blind, Placebo-Controlled Trial of antihistamine nasal spray 137 mcg and antihistamine nasal spray 137 mcg plus oral antihistamine in Patients With Seasonal Allergic Rhinitis. 15 patients enrolled. 2003.
 - 27) A Randomized, Double-Blind, Placebo-Controlled Trial of antihistamine nasal spray 137 mcg at a Dosage of One Spray per Nostril Twice Daily in Patients With Seasonal Allergic Rhinitis. 24 patients enrolled. 2003.
- 5) Randomized, Double-Blind Trial of an antihistamine Nasal Spray compared to an oral antihistamine in Patients With Seasonal Allergic Rhinitis. 24 patients enrolled. 2004.
- 6) Randomized, Double-Blind trial of an antihistamine Nasal Spray Compared to an oral antihistamine in Patients with Seasonal Allergic Rhinitis. 14 patients enrolled. 2005.
- 7) A Randomized, Double-Blind, Double-Dummy Trial of the Combination of a Marketed Antihistamine Nasal Spray and a Marketed Steroid Nasal Spray Compared to Either Product Alone in the Treatment of Patients with Allergy to Texas Mountain Cedar. 35 patients enrolled. 2005-2006.
- 8) Randomized, Double-Blind, Placebo-Controlled Trial of the Safety and Efficacy of a Nasal Antihistamine in Patients with Seasonal Allergic Rhinitis. 22 patients enrolled. 2006.
- 9) Randomized, Double-Blind, Placebo-Controlled Trial of the Safety and Efficacy of Two Intranasal Antihistamines in Patients with Perennial Allergic Rhinitis. 34 patients enrolled. 2007.
- 10) Active-Controlled Trial of the Safety and Tolerability of an Intranasal Antihistamine in

Patients with Perennial Allergic Rhinitis. 31 patients enrolled. 2007.

- 11) Randomized, Double-Blind, Placebo-Controlled Trial of the Safety and Efficacy of Two Intranasal Antihistamines Compared to Placebo in Patients with Seasonal Allergic Rhinitis. 27 patients enrolled. 2007.
- 12) Randomized, Double-Blind, Placebo-Controlled Trial of the Safety and Efficacy of an Intranasal Antihistamine in Subjects with Seasonal Allergic Rhinitis. 88 patients enrolled. 2007-2008.
- 13) Randomized, Double-Blind Trial of an Intranasal Antihistamine Nasal Spray Compared to Placebo, a Marketed Intranasal Antihistamine, and an Intranasal Steroid in the Treatment of Patients with Seasonal Allergic Rhinitis. 92 patients enrolled. 2007-2008

MERCK & CO.

- 1) A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study Evaluating the Effect of an Oral Once a Day Asthma Medication to Inhaled Steroid in Adults. 16 patients enrolled. Fall 1997.
- 2) A Multi-Center, Double-Blind, Randomized, Placebo-Controlled Study to Compare Concomitant Use of a Leukotriene Inhibitor and Loratadine with Intranasal Steroid in Patients with Seasonal Allergic Rhinitis. 50 patients enrolled. Spring 1998.
- 3) A Multi-Center, Double-Blind, Randomized Study Comparing the Clinical Effect of Concomitant Oral Asthma and Antihistamine with Asthma, Antihistamine and Inhaled Steroid in Patients with Chronic Asthma. 12 patients enrolled. 1998.
- 4) A Multi-Center, Double-Blind, Placebo-Controlled Study of the Clinical Effect of a New Nebulized Asthma Drug in Patients with Chronic Asthma. 2 patients enrolled. 1998-1999.
- 5) A Multi-Center, Double-Blind, Randomized, Parallel-Group Study Investigating the Clinical Effect of Combination Montelukast/Antihistamine in Patients with Seasonal Allergic Rhinitis. 40 patients enrolled. Fall 1999.
- 6) A Randomized, Double-Blind, Multi-Center Study to Evaluate the Effect of Adding Either a leukotriene receptor antagonist or long acting beta 2 agonist to an Inhaled Corticosteroid In Adult Asthmatics. 8 patients enrolled. 2000.
- 7) A Multi-Center, Double-Blind, Randomized, Parallel-Group Study Investigating the Clinical Effect of Combination Montelukast/Antihistamine in Patients With Seasonal Allergic Rhinitis. 89 patients enrolled. Spring 2000.
- 8) A Multi-Center, Double-Blind, Randomized, Parallel-Group Study Investigating the Clinical Effect of Combination leukotriene receptor antagonist/Antihistamine in Patients With Seasonal Allergic Rhinitis. 89 patients enrolled. Spring 2000.

- 9) A Multicenter, Double-Blind, Randomized, Parallel-Group Study Investigating the Clinical Effect of a leukotriene receptor antagonist in Patients With Seasonal Allergic Rhinitis. 31 patients enrolled. Fall 2000.
- 10) A Multicenter, Double-Blind, Randomized, Parallel-Group Study Comparing a leukotriene receptor antagonist with Placebo in Pediatric Patients Aged 2 Through 14 Years With Seasonal Allergic Rhinitis. 26 patients enrolled. Spring 2001.
- 11) Safety and Efficacy of a Rotavirus Vaccine in Healthy Infants. 39 patients enrolled. 2001.
- 12) A Multicenter, Double-Blind, Randomized, Parallel-Group Study Investigating the Clinical Effects of a leukotriene receptor antagonist in Patients With Seasonal Allergic Rhinitis Over a 4-Week Treatment Period-Fall 2001. 35 patients enrolled. 2001.
- 13) A Multicenter, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study Investigating the Clinical Effects of a leukotriene receptor antagonist in Patients with Perennial Allergic Rhinitis. 29 patients enrolled. 2001.
- 14) A Randomized, Double-Blind, Active-Comparator-Controlled, Parallel-Group Study to Evaluate the Safety of a COX 2 inhibitor in Patients with Osteoarthritis or Rheumatoid Arthritis. 32 patients enrolled. 2002-2003.
- 15) A Multicenter, Double-Blind, Randomized, Parallel-Group Study Investigating the Clinical Effect of an Investigational Medication in Patients with Seasonal Allergic Rhinitis-a Pilot Study During the Fall Season. 28 patients enrolled. 2003.
- 16) A Multicenter, Double-Blind, Randomized Study Investigating the Clinical Effect of an Oral Leukotriene Inhibitor on Allergic Rhinitis in Patients with Seasonal Allergic Rhinitis and Chronic Asthma – Spring Season. 18 patients enrolled. 2003.
- 17) A Double-Blind, Randomized, Placebo-Controlled, Multi-center, 2-Period Crossover Study to Evaluate the Effects of Single Dose of an Oral leukotriene Inhibitor on Exercise Induced Bronchospasm. 4 patients enrolled. 2003.
- 18) A Double-Blind, Randomized, Placebo-Controlled, Multi-Center, 2-Period, Crossover Study to Evaluate the Effects of a Single Dose of Montelukast on Exercise-Induced Bronchospasm. 3 patients enrolled. 2004.
- 19) A Multicenter, Randomized, Double-blind, Placebo-Controlled Parallel Group 8-Week Study to Evaluate the Efficacy and Safety of Chewable Leukotriene Inhibitor When Initiated at the Start of the School year in Pediatric Patients With Chronic Asthma. 9 patients enrolled. 2006.

- 20) A Randomized, Dose-Ranging, Placebo-Controlled trial to evaluate the effects of an α 1-adrenergic receptor agonist immediate release tablets on nasal congestion in subjects with seasonal allergic rhinitis. 20 Patients Enrolled. 2011.
- 21) A Randomized, Placebo-Controlled Trial to Evaluate the Effects of an α 1-adrenergic receptor agonist 30 mg Extended-Release Tablets on Nasal Congestion in Subjects With Allergic Rhinitis. 26 Patients Enrolled. 2011

MERRELL DOW/MARION MERRELL DOW

- 46) Safety and Efficacy Study of an Antihistamine for Patients with Seasonal Allergic Rhinitis. 60 patients enrolled. Cedar 1990-1991.
- 47) A Double-Blind Comparison Study of the Safety and Efficacy of 3 Different Doses of Seldane to Placebo during a One-Week Treatment Period in Patients with Spring Seasonal Allergies. 62 patients enrolled. Spring 1993.
- 48) Double-Blind, Antihistamine Comparison Study for Patients with Allergic Rhinitis in Fall. 65 patients enrolled. Fall 1993.
- 49) Double-Blind Comparison Study of an Antihistamine for Patients with Spring Allergic Rhinitis. 70 patients enrolled. Spring 1994.
- 50) A Randomized, Double-Blind Comparative Study to Evaluate the Safety and Tolerability of a New Antihistamine vs Placebo in Normal, Healthy Subjects. 20 patients enrolled. Summer 1994.
- 51) A Randomized, Double-Blind Study Comparing Multiple Strengths of a New Antihistamine vs Placebo in Patients with Fall Seasonal Allergic Rhinitis. 58 patients enrolled. Fall 1994.
- 52) Safety and Tolerance Study of an Antihistamine Used by Normal Healthy Patients. 32 patients enrolled. Spring 1995.

MURO

- 1) Double-blind, Placebo Controlled, Randomized, Parallel Group Study of Four Doses of a New Steroid Nasal Spray with a Marketed Steroid Nasal Spray as an Open Active Control in the Treatment of Adults and Adolescents with Allergic Rhinitis Induced by Grass Pollen. 32 patients enrolled. Spring 2001.

NOVARTIS

- 1) A 7-Month Double-Blind, Randomized, Parallel-Group, Parallel-Controlled, Multicenter Trial with a 5-Month Open-label Extension Period to assess safety and Tolerability, Steroid-reduction, Pharmacodynamics of a Subcutaneous Anti-IGE Medication in Children (6-12 years) with Allergic Asthma Requiring Daily Treatment With Inhaled Corticosteroid. 17 patients enrolled. 1998-1999.

- 2) An Open-Label Extension to Provide Continuation of an Anti-IGE Medication to Children with Allergic Asthma who Participated in the Above One-Year Study. 3 patients enrolled. 1999.
- 3) An Open-Label Extension to Provide Continuation of rhuMAb-E25 Treatment to Children with Allergic Asthma who Participated in the One-Year Study. 17 patients enrolled. 2001.
- 4) A Randomized, Multicenter, Placebo-controlled, Double-blind, Parallel Group Study to Evaluate the Safety of Treatment a Long-Acting Bronchodilator as Evaluated by Holter Monitoring, in Adult Patients with Chronic Obstructive Pulmonary Disease (COPD). 6 patients enrolled. 2003.
- 5) A randomized, double-blind, placebo-controlled, parallel group, multi-center, multiple dose (7 days) dose-ranging study, to assess the efficacy and safety of 4 doses of QAB149 (50, 100, 200, & 400 µg) delivered via a multiple dose inhaler, and 1 dose of QAB149 (400 µg) delivered via a single dose inhaler in patients with chronic obstructive pulmonary disease (COPD). 6 patients enrolled. 2004.
- 6) A 26-week treatment, multicenter, randomized, double-blind, double dummy, placebo-controlled, adaptive, seamless, parallel-group study to assess the efficacy, safety and tolerability of two doses of an investigational long-acting bronchodilator in patients with chronic obstructive pulmonary disease using a marketed long-acting bronchodilator and open label inhaled anticholinergic as active controls. 5 patients enrolled. 2007.
- 7) A randomized, multi-center, parallel group, double blind, study to assess the safety of inhaled corticosteroid and inhaled corticosteroid` in adolescent and adult patients with persistent asthma. 6 Patients Enrolled. 2009.
 - 53) A randomized, double-blind, controlled, parallel group, 12-week treatment study to compare the efficacy and safety of the combination of long acting beta-adrenoceptor agonist once daily with open label anticholinergic once daily versus open label anticholinergic once daily in patients with moderate-to-severe chronic obstructive pulmonary disease. 4 Patients Enrolled. 2009.
 - 54) A 52-week treatment, randomized, double-blind, placebo-controlled, with open label anticholinergic, parallel-group study to assess the efficacy, safety and tolerability of Inhaled Corticosteroid in patients with chronic obstructive pulmonary disease. 8 Patients Enrolled. 2009.
 - 55) A 26-week treatment multicenter, randomized, double-blind, parallel-group, placebo and

active controlled (open label) study to assess the efficacy, safety and tolerability of a fixed combination of a long acting β 2-agonist and a long acting muscarinic antagonist in patients with moderate to severe chronic obstructive pulmonary disease (COPD). 1 Patient Enrolled. 2010-2011

NOVUM

- 1) A Double- Blind, Randomized, Placebo-Controlled, Parallel Group, Multi-Site Study to Compare the Clinical Equivalence of Intranasal Corticosteroid Spray with Intranasal Corticosteroid Spray in the Relief of the Signs and Symptoms of Seasonal Allergic Rhinitis. 78 Patients Enrolled. Cedar 2009.
- 2) A Double-Blind, Randomized, Placebo Controlled, Parallel Group, Multi-Site Study to Compare the Clinical Equivalence of a corticosteroid Nasal Spray (Lek Pharmaceuticals) with a corticosteroid Nasal Spray (GlaxoSmithKline) the Relief of the Signs and Symptoms of Seasonal Allergic Rhinitis. 51 Patients Enrolled. 2011

ONO

- 1) A Four-Week, Double-Blind, Placebo-Controlled Exploratory Evaluation of FEV_{1.0} Changes and Safety of a New Investigational Medication in Patients with Chronic Obstructive Pulmonary Disease (COPD).” 8 patients enrolled. 2004.

PERRIGO

- 1) A Blinded, Randomized, Vehicle-Controlled, Parallel-Group Multicenter Study to Demonstrate the Safety and Bioequivalence of a Steroid Nasal Spray Compared with a Marketed Steroid Nasal Spray in the Relief of the Symptoms of Seasonal Allergic Rhinitis (SAR). 70 patients enrolled. 2007.

PHARMAXIS

- 1) A Phase III Multicenter Study to Demonstrate the Sensitivity and Specificity of a Drug Challenge as Compared with another drug Challenge to Predict Bronchial Hyperresponsiveness as Manifested by a Positive Exercise Challenge in Subjects Presenting with Signs and Symptoms Suggestive of Asthma but Without a Definitive Diagnosis. 34 patients enrolled. 2006.

PFIZER

- 1) A Multi-Center, Double-Blind, Comparative Study of the Efficacy and Safety of a Once Daily Antihistamine vs. Claritin and Placebo in the Treatment of Chronic Idiopathic Urticaria. 10 patients enrolled. 1997.
- 2) An Open label, Multi-Center study of the Efficacy, Safety and Effect on Quality of Life of a Once Daily Antihistamine Syrup in the Treatment of Seasonal Allergic Rhinitis in Children. 5 patients enrolled. Fall 1997.
- 3) Phase II Multi-Center, Randomized, Double-Blind, Placebo-Controlled Eight Week Study of Efficacy and Safety of a New Inhaled Asthma Drug in Adults with Persistent Asthma. 12 patients enrolled. 1998.

- 4) A Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study of the Efficacy, Safety and Effect on Quality of Life, Work Productivity and Activity Impairment of an Oral Antihistamine vs. Placebo in the Treatment of Seasonal Allergic Rhinitis. 20 patients enrolled. Fall 1998.
- 5) Phase IIA Multi-Center, Randomized, Double-Blind, Double-Dummy, Active and Placebo-Controlled, Parallel Group, Dose-Response Study of the Efficacy, Safety, and Tolerability of Six Weeks Oral Dosing with a New Asthma Drug Compared to an Oral leukotriene Inhibitor and Placebo in Adults with Persistent Asthma. 10 patients enrolled. 1999.
- 6) A Randomized, Double-Blind, Parallel-Group, Multi-Center Study of the Efficacy and Safety of Antihistamine/Decongestant Combination vs Antihistamine /Decongestant Combination vs Placebo in the Treatment of Subjects Twelve Years and Older with Seasonal Allergic Rhinitis. 36 Patients Enrolled. Spring 2000.
- 7) A Clinical Efficacy Comparison of an OTC antihistamine, prescription antihistamine, and Placebo in Seasonal Allergic Rhinitis. 48 patients enrolled. 2002.
- 8) A Clinical Efficacy Study of Two Doses of Benadryl® Compared to Placebo in Seasonal Allergic Rhinitis. 86 patients enrolled. 2002-2003.
- 9) Evaluation of Nasal Congestion Clinical Efficacy for two doses of a Marketed, Oral Antihistamine in Seasonal Allergic Rhinitis: A Randomized, Double-Blind, Placebo and a marketed decongestant Controlled Study. 57 patients enrolled. 2007.

PHARMACIA & UPJOHN

- 1) An Evaluation of Safety and Tolerance of a Medication Following the Administration of a Nasal Solution to Pediatric Subjects. 20 patients enrolled. Spring 1999.

PHARMAKINETICS LABORATORIES, INC.

- 1) A Drug Interaction and Efficacy Study of a Calcium Channel Blocker and Diuretic on Hypertension. 31 patients enrolled.

PROCTOR & GAMBLE

- 1) A Multi-Center, Double-Blind, Randomized, Single-Dose, Placebo-Controlled Study to Investigate the Efficacy and Safety of Two Doses of a Proton Pump Inhibitor in Treating Heartburn Symptoms Following a Provocative Meal. 88 patients enrolled. 1999.

REGENERON

- 1) Phase III, Double-Blind, Randomized, Placebo-Controlled Study of a new weight loss drug in Severely Obese Subjects. 38 patients enrolled. 2001
- 2) A Randomized, Double-Blind, Placebo-Controlled, Efficacy and Safety Study of a weight loss medication Including 3 Months of Initial Drug Dosing, a 9 Month Off-Drug Treatment

Period, and a 1 Month Re-Exposure in Overweight and Obese Subjects. 38 patients enrolled. 2002.

A.H. ROBINS

- 1) Dose-Ranging Antihypertensive Trial for a New Beta-Blocker. 33 patients enrolled. 1986.
- 2) Anihypertensive Comparison Study of Safety and Efficacy of a New Beta-Blocker. 30 patients enrolled. 1987.

RHONE POULENC RORER

- 1) Patient Preference and Sensory Comparisons of Two Inhalers with Different Propellants in Asthmatic Patients. 30 patients enrolled. 1998.

RORER CENTRAL RESEARCH/RHONE-POULENC RORER

- 1) Efficacy and Comparison Study of a New Nasal Steroid vs an Injected Steroid on Patients with Seasonal Allergic Rhinitis. 21 patients enrolled. Spring 1990.
- 2) A Double-Blind Study for the Safety and Efficacy of a Nasal Steroid Spray in Adults with Mountain Cedar Allergic Rhinitis. 51 patients enrolled. Cedar 1992-1993.
- 3) Double-Blind Comparison Study with a New Oral Asthma Medication in Moderate Asthmatics. 15 patients enrolled. Fall 1993.
- 4) Nasal Spray Comparison Study for Patients with Allergic Rhinitis in Fall. 24 patients enrolled. Fall 1993.
- 5) A Comparison Nasal Spray Study for Patients with Seasonal Allergic Rhinitis. 32 patients enrolled. Fall 1994.
- 6) Comparison Study of a Nasal Spray in the Treatment of Mountain Cedar Allergic Rhinitis in Adult Patients. 38 patients enrolled. Cedar 1994-1995.
- 7) A Comparison Study of Two Marketed Nasal Steroids in the Treatment of Patients with Seasonal Allergic Rhinitis. 43 patients enrolled. Fall 1996.
- 8) Patient Preference and Sensory Comparisons of Three Different Marketed Aqueous Nasal Sprays in Patients with Seasonal Allergic Rhinitis. 30 patients enrolled. Fall 1997.
- 9) A Multi-Center, Double-Blind, Placebo-Controlled, Randomized Comparative Study to Compare the Efficacy and Safety of a New Antihistamine, a marketed antihistamine and Placebo all Given Once Daily for Four Weeks in the Treatment of Seasonal Allergic Rhinitis. 48 patients enrolled. Fall 1997.
- 10) A Multi-Center, Double-Blind, Placebo-Controlled, Parallel, Randomized Study to Compare the Efficacy and Safety of an Allergy Medication Given Once a Day With and Without Food for 2 Weeks in the Treatment of Seasonal Allergic Rhinitis. 100 patients enrolled. Cedar 1998-1999.

- 11) A Multi-Center, Double-Blind, Placebo-Controlled, Parallel-Group, Randomized Comparative Study to Compare the Efficacy and Safety of Two Different Doses of a New Antihistamine vs Loratadine 10 mg and Placebo All Given Once Daily for Four Weeks in the Treatment of Seasonal Allergic Rhinitis. 56 patients enrolled. Fall 1999.

R.W. JOHNSON PHARMACEUTICAL RESEARCH INSTITUTE

- 1) Efficacy, Safety and Comparison Study of a New Antihistamine for Patients with Ragweed Rhinitis. 32 patients enrolled. Fall 1990.

SANKYO

- 2) Randomized, Placebo-Controlled, Parallel-Group Study of a New Hypertensive Medication with Long Term Safety Evaluation in Patients with Essential Hypertension. 12 patients enrolled. Fall 1997.
- 3) A Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study of an Investigational Anti-Hypertensive Medication and Amlodipine Using ABPM in Patients with Essential Hypertension. 12 patients enrolled. 1999-2000.
- 4) A Randomized, Double-Blind, Placebo-Controlled Factorial Study Evaluating the Efficacy and Safety of Co-Administration of a angiotensin receptor blocker plus a calcium channel blocker Compared to Monotherapy in Patients with Mild to Severe Hypertension. 13 patients enrolled. 2005.

SANOFI-AVENTIS

- 1) A multinational, multicenter, randomized, double-blind, placebo-controlled, parallel-group study to assess the efficacy of a steroid metered-dose inhaler administered either in a once-daily in the morning regimen for 16 weeks or in a qd AM regimen for 12 weeks preceded by a twice-daily regimen for 4 weeks, or in a bid regimen for 16 weeks, in adults and adolescents with mild to moderate persistent asthma not treated with steroids. 5 patients enrolled. 2005.

SCHERING-PLOUGH

- 1) A Double-Blind Comparison Study of Inhaled Steroids in the Treatment of Asthma. 32 patients enrolled. 1992-1993.
- 2) A Double-Blind, Safety and Efficacy Study of Nasal Steroids for Treatment of Seasonal Allergic Rhinitis. 45 patients enrolled. Fall 1992.
- 3) Dose-Ranging Study for the Safety and Efficacy of a Steroid Nasal Spray in Patients with Seasonal Allergic Rhinitis. 34 patients enrolled. Fall 1992.
- 4) A Study of the Efficacy and Safety of a New Antibiotic in the Treatment of Acute Maxillary Sinusitis. 4 patients enrolled. Summer 1993.
- 5) Nasal Spray Comparison Study for Patients with Allergic Rhinitis in Fall. 36 patients enrolled. Fall 1993.

- 6) Double-Blind Comparison Nasal Spray Study for Patients with Perennial Allergic Rhinitis. 24 patients enrolled. Fall/Winter 1993-1994.
- 7) Long-Term Open-Label Study of a Nasal Steroid in Patients with Perennial Allergic Rhinitis. 17 patients enrolled. Cedar 1993-1994.
- 8) Antihistamine/Decongestant Component vs Placebo for Patients with Seasonal Allergic Rhinitis. 32 patients enrolled. Fall 1994.
- 9) A Double-Blind, Dose-Ranging Study of the Safety and Efficacy of a Nasal Steroid in the Treatment of Children (Ages 6-11) with Seasonal Allergic Rhinitis. 38 patients enrolled. Spring 1996.
- 10) A Double-Blind, Safety Study Comparing Two Nasal Steroids to Treat Children with Perennial Allergic Rhinitis. 14 patients enrolled. 1996-1997.
- 11) Placebo-Controlled, Efficacy and Safety Study of an Inhaled Dry Powder Steroid in the Treatment of Asthma in Subjects Previously Maintained on Inhaled Beta-Agonists. 16 patients enrolled. 1997.
- 12) A Double-Blind Study to Evaluate an Antihistamine and Decongestant Alone and in Combination in Patients with Seasonal Allergic Rhinitis. 39 patients enrolled. Spring 1997.
- 13) Placebo-Controlled, Dose-Ranging Study of a New Corticosteroid Metered Dose Inhaler Compared to a marketed steroid inhaler in the Treatment of Asthma in Subjects Previously Maintained on Inhaled Corticosteroids. 17 patients enrolled. 1997-1998.
- 14) Efficacy and Safety of Two Dose Levels of an Intranasal Corticosteroid or Placebo in the Treatment of Acute Episodes of Sinusitis. 18 patients enrolled. 1997-1998
- 15) A Long-Term Safety Study of a Nasal Corticosteroid Inhaler in Patients with Perennial Allergic Rhinitis. 24 patients enrolled. 1998.
- 16) Placebo-Controlled Efficacy and Safety Study of a Once Daily, PM Regimen, of a Dry Powder Inhaled Steroid in Asthmatics Previously Maintained on Short-Acting Inhaled Beta-Agonists. 12 patients enrolled. 1999.
- 17) Dose-Ranging Study of an Aerosol Nasal Corticosteroid in the Treatment of Patients with Seasonal Allergic Rhinitis. 28 patients enrolled. Spring 1999.
- 18) Efficacy and Safety of an Antihistamine in the Treatment of Chronic Idiopathic Urticaria. 10 patients enrolled. Summer 1999.
- 19) Efficacy and Safety of an Antihistamine in the Treatment of Patients with Seasonal Allergic Rhinitis. 60 patients enrolled. Fall 1999.

- 20) A Double-Blind, Placebo-Controlled Study with an Antihistamine in the Treatment of Subjects 12 Years of Age with Perennial Allergic Rhinitis. 21 patients enrolled. 1999.
- 21) Efficacy and Safety of an Investigational Antihistamine and a marketed antihistamine in the Treatment of Subjects with Seasonal Allergic Rhinitis. 33 patients enrolled. Fall 1999.
- 22) Efficacy and Safety of an Investigational Antihistamine QD in Subjects with Seasonal Allergic Rhinitis. 42 patients enrolled. Fall 1999.
- 23) Efficacy and Safety of a Leukotriene Inhibitor/Antihistamine Combination in Subjects with Seasonal Allergic Rhinitis and Concurrent Asthma. 12 patients enrolled. 1999-2000.
- 24) A Study of the Effect of an Antihistamine/Decongestant Combination on Nasal Stuffiness in Subjects with Seasonal Allergic Rhinitis. 40 patients enrolled. Spring 2000.
- 25) Efficacy and Safety of 3 Doses an Antihistamine/Decongestant Combination in the Treatment of Subjects with Seasonal Allergic Rhinitis. 32 patients enrolled. Fall 2000.
- 26) Efficacy and Safety of Combination leukotriene receptor antagonist/antihistamine QD vs. its Components in the Treatment of Subjects with Seasonal Allergic Rhinitis. 29 patients enrolled. Fall 2000.
- 27) Placebo-Controlled Efficacy and Safety Study of a Once-Daily PM and Twice Daily Regimens of an Inhaled Corticosteroid Administered Via Dry Powder Inhaler in Subjects with Asthma who were Previously Maintained on Inhaled Steroids. 12 patients enrolled. 2001.
- 28) Efficacy and Safety of Combination antihistamine/ leukotriene receptor antagonist QD vs antihistamine and Placebo in the Treatment of Subjects With Seasonal Allergic Rhinitis and a History of Perennial Allergic Rhinitis. 10 patients enrolled. Spring 2001.
- 29) Efficacy and Safety of Combination QD vs. antihistamine and Placebo in the Treatment of Subjects with Seasonal Allergic Rhinitis. 16 patients enrolled. Spring 2001.
- 30) A Pilot Study of the Effect of an Antihistamine on Nasal Congestion in a Subset of Subjects With Seasonal Allergic Rhinitis. Spring 2001.
- 31) Efficacy and Safety of Combination QD antihistamine/Leukotriene receptor antagonist vs. antihistamine and Placebo in the Treatment of Subjects with Seasonal Allergic Rhinitis and a History of Perennial Allergic Rhinitis. 10 patients enrolled. 2001.
- 32) A Placebo-and Active-Controlled Efficacy and Safety Study of a Once-Daily Fixed Combination Tablet of antihistamine 5mg / decongestant 120mg in Subjects with Seasonal Allergic Rhinitis. 33 patients enrolled. 2002.

- 33) Comparison of Sedation and Performance Impairment Measures in Untreated Healthy Atopic Symptomatic Subjects Receiving Two Marketed Antihistamines or Placebo. 16 patients enrolled. 2003.
- 34) Pilot Efficacy and Safety Field Trial of a marketed antihistamine administered Concomitantly with a marketed anticholinergic, in Subjects With Seasonal Allergic Rhinitis and Post-Nasal Drip. 17 patients enrolled. 2005.
- 35) A Placebo-Controlled Study of the Effects of an antiviral Nasal Spray on Common Cold Symptoms and Asthma Exacerbations Following Rhinovirus Exposure. 7 patients enrolled. 2006.
- 36) Efficacy and Safety of a Combination of an Antihistamine and Leukotriene Inhibitor QD vs. a Decongestant and Placebo in the Treatment of Subjects With Seasonal Allergic Rhinitis. 30 patients enrolled. 2006.
- 37) A 26-Week Placebo-Controlled Efficacy and Safety Study of Inhaled Seroid/Long-Acting Bronchodilator Combination Formulation Compared With Inhaled Steroid and Long-Acting Bronchodilator Monotherapy in Subjects with Persistent Asthma Previously Treated With Low-Dose Inhaled Glucocorticosteroids. 2 patients enrolled. 2007.
- 38) 26-Week Placebo-Controlled Efficacy and Safety Study of Inhaled Seroid/Long-Acting Bronchodilator Combination Formulation Compared With Inhaled Steroid and Long-Acting Bronchodilator Monotherapy in Subjects with Persistent Asthma Previously Treated With Medium-Dose Inhaled Glucocorticosteroids. 0 patients enrolled. 2007.
- 39) Efficacy and Safety of a steroid Nasal Spray (MFNS) vs Placebo as Adjunctive Treatment to Antibiotics in Relief of Symptoms of Acute Bacterial Sinusitis. 5 patients enrolled. 2007.
- 40) Placebo-Controlled Study of a Steroid Nasal Spray in the Treatment of Seasonal Allergic Rhinitis. 20 patients enrolled. 2007.
- 41) Efficacy and Safety of Concurrent Administration of a Steroid Nasal Spray and a Decongestant Nasal Spray Administered Once Daily (QD) vs. a Decongestant Twice Daily (BID), a Nasal Steroid (QD), and Placebo in the Treatment of Subjects with Seasonal Allergic Rhinitis. 17 patients enrolled. Fall 2007.
- 42) An Open-Label, Multi-Center, Patient Handling Study of a Corticosteroid/Long-Acting Beta Agonist MDI with an Integrated Dose Counter in Adolescent and Adult Subjects with Asthma or COPD. 8 Patients Enrolled. 2008.
- 43) Placebo-Controlled Study of an Intranasal Corticosteroid in the Relief of Nasal Congestion Associated With Seasonal Allergic Rhinitis (SAR). 15 Patients Enrolled. Fall 2008.
- 44) A Randomized, Two-Way Crossover, Multicenter, Consumer Preference Study of Two Oral Formulations of Alpha-1 (α_1) Adrenergic Receptors. 42 Patients Enrolled. Fall 2009.

- 45) A 28-Day Study Evaluating the Safety of Ragweed Sublingual Tablet in Adult Subjects 50 years of age and Older With Ragweed-Induced Rhinoconjunctivitis. 7 Patients Enrolled. 2009.

SEPRACOR

- 1) The Evaluation of 3 Doses of an Investigational Antihistamine and a Marketed Antihistamine when Administered to Subjects with Seasonal Allergic Rhinitis. 60 patients enrolled. Fall 1998.
- 2) A Twelve-Month Safety Study of an Antihistamine Taken Once a Day in Subjects with Perennial Allergic Rhinitis / Seasonal Allergic Rhinitis. 30 patients enrolled. 1999-2000.
- 3) The Evaluation of an Investigational Antihistamine vs a marketed antihistamine vs Placebo when Administered to Subjects with Seasonal Allergic Rhinitis. 24 patients enrolled. Fall 1999.
- 4) The Evaluation of an Investigational Antihistamine and Placebo when Administered to Subjects with Seasonal Allergic Rhinitis Using an Outdoor Allergen Challenge Model. 141 patients enrolled. Cedar 2000.
- 5) The Evaluation of an Antihistamine Administered to Subjects with Seasonal Allergic Rhinitis During the Mountain Cedar Pollen Season. 108 patients enrolled. Cedar 2001.
- 6) A Double-Blind, Placebo and Active Controlled Parallel Group Study of antihistamine Administered to Subjects with Seasonal Allergic Rhinitis. 45 patients enrolled. 2002.
- 7) A Double-Blind, Double-Dummy, Randomized, Placebo-and Active-Controlled, Multicenter, Parallel-Group Study of a long-acting beta-agonist in the Treatment of Subjects with Chronic Obstructive Pulmonary Disease. 25 patients enrolled. 2002-2003.
- 8) A Long Term Safety Study of Two Short-Acting Bronchodilators in Subjects Twelve Years of Age and Older with Asthma. 8 patients enrolled. 2004.
- 9) A Study to Determine the Reliability of a Top Mount Actuation Indicator When Used with a Short-Acting Bronchodilator MDI in Adult and Pediatric Subjects with Asthma or Chronic Obstructive Pulmonary Disease. 8 patients enrolled. 2005.
- 10) A Randomized, Multicenter, Double-Blind, Placebo-Controlled, Parallel-Group, Phase III Clinical Trial to Assess the Efficacy and Safety of an Intranasal Corticosteroid HFA Aerosol for the Treatment of Seasonal Allergic Rhinitis (SAR) to Mountain Cedar in Subjects 12 Years and Older. 96 Patients Enrolled. Cedar 2008-2009.
- 12) A 6-Month Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Efficacy and Safety Study of Once Daily Glucocorticoid HFA Nasal Aerosol in The Treatment of Perennial Allergic Rhinitis in Subjects 12 Years and Older. 23 Patients Enrolled. 2009.

- 13) A 6-Month Open-Label, Long-Term Safety Extension Study of Once Daily Glucocorticoid HFA Nasal Aerosol in The Treatment of Perennial Allergic Rhinitis in Subjects 12 Years and Older. 18 Patients Enrolled. 2009.
- 14) A Randomized, Multicenter, Double-Blind, Placebo-Controlled, Parallel Group, Phase 3 Clinical Trial to Assess the Efficacy and Safety of Glucocorticoid Nasal Aerosol for the Treatment of Seasonal Allergic Rhinitis to Mountain Cedar in Subjects 12 Years and Older. 98 Patients Enrolled. Cedar 2009.
- 15) A 6-week randomized, double-blind, placebo-controlled, parallel group, safety and efficacy study of potential inhibitory effects on the hypothalamic-pituitary-adrenal axis of Glucocorticoid Nasal Aerosol and Glucocorticoid Aqueous Nasal Spray in subjects 12 years and older with Perennial Allergic Rhinitis. 59 Patients Enrolled. 2009.

SHIONOGI

- 1) A Double Blind, Multi-Center, Randomized, Parallel-Group, Yearlong Study to Assess the Efficacy and Safety of a Central Nervous System-Mediated Weight-Control Drug Administered Orally Once Daily with an Initial 6-Week Low Calorie Diet in Obese Males and Females. 30 patients enrolled. 2007.
- 2) Open-Label Extension (OLE) Safety and Efficacy Study of a Central Nervous System-Mediated Weight-Control Drug Administered Orally Once Daily Following the Year-Long Controlled Clinical Trials of the Central Nervous System-Mediated Weight-Control Drug in Obese Males and Females. 16 Patients Enrolled. 2008.
- 3) A Double Blind, Multi-Center, Randomized, Parallel-Group Study to Assess the Efficacy and Safety of a Central Nervous System-Mediated Weight-Control Drug and Lipase Inhibitors Administered Individually or Combined Orally Three Times Per Day with a Reduced Calorie Diet in Obese Subjects. 23 Patients Enrolled. 2010.
 - 5) A Double Blind, Multi-Center, Randomized, Parallel-Group Study to Assess the Efficacy and Safety of a Central Nervous System-Mediated Weight-Control Drug and Lipase Inhibitors Administered Individually or Combined Orally Three Times Per Day with a Reduced Calorie Diet in Obese Subjects. 23 Patients Enrolled. 2010.

SKYE PHARMA

- 1) A Randomized, Double-blind, Active-controlled, Parallel Group, Stratified, Multicenter, 12-Week Study Comparing the Safety and Efficacy of an Inhaled Steroid and Long-Acting Bronchodilator Combination in a Single Inhaler with the Administration of an Inhaled Steroid and a Long-Acting Bronchodilator Alone in Adolescent and Adult Patients with Mild to Moderate Asthma. 7 patients enrolled. 2006.

SMITH KLINE LABORATORIES

- 1) Anti-Hypertensive Dose Ranging Study of a Diuretic. 40 patients enrolled. 6/1986.

- 2) Comparison Study of a New Antihypertensive Medication in Patients with Mild to Moderate Hypertension. 13 patients enrolled. 1/1988.
- 3) A Double-Blind, Dose-Ranging Study of an Allergy Medication for Safety and Efficacy in Patients with Seasonal Allergic Rhinitis. 32 patients enrolled. Spring 1995.
- 4) A Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Safety and Efficacy of an Oral BID Dosing of an Asthma Medication in Pediatric Patients with Mild to Moderate Asthma. 10 patients enrolled. 1995.

SUNOVION

- 1) A 6-week Randomized, Double-Blind, Placebo-Controlled, Parallel Group, safety study of the potential inhibitory effects of a corticosteroid Nasal Aerosol on the hypothalamic-pituitary-adrenal axis in subjects 6-11 years with perennial allergic rhinitis. Still Enrolling. 2011.

SUN PHARMACEUTICALS

- 1) Efficacy and Safety of an oral antihistamine in Subjects with Symptoms of Seasonal Allergic Rhinitis: A Randomized, Double Blind, Placebo Controlled, Comparative, Multicenter, Parallel Groups Study. 32 patients enrolled. 2006 and 2007.

SYNTA

- 1) A Phase 2 Study of an anti-psoriasis therapy as Monotherapy in Patients with Chronic Moderate-to-Severe Plaque Psoriasis. 11 patients enrolled. 2004.

TAP

- 1) A Study to Compare the Safety and Efficacy of a Proton Pump Inhibitor Plus Usual Asthma Care vs Placebo Plus Usual Asthma Care in Relieving Asthma Symptoms of Subjects with Asthma and Suspected Gastroesophageal Reflux (GER). 2000.

TEIJIN

- 1) A Double-Blind, Randomized, Placebo-Controlled, Multicenter, Dose-Ranging Study to Assess the Safety and Efficacy of TBN-15 in Adult Patients with Seasonal Allergic Rhinitis. 121 patients enrolled. 2002-2003.

TEVA

- 1) A Double-Blind, Randomized, Placebo Controlled, Parallel Group, Multi-Site Study to Compare the Clinical Equivalence of a steroid Nasal Spray with another steroid Nasal Spray in the Relief of the Signs and Symptoms of Seasonal Allergic Rhinitis. 64 patients enrolled. 2004.
- 2) A Double-Blind, Randomized, Placebo-Controlled, Parallel-Group, Multi-Center, Dose-Range-Finding Study To Assess The Efficacy And Safety Of Intranasal Steroid Aerosol In Adult And Adolescent Patients With Seasonal Allergic Rhinitis. 29 Patients Enrolled. Spring 2009.

- 3) A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Phase 3 Clinical Study to Assess the Efficacy and Safety of Intranasal Steroid Aerosol in the Treatment of Seasonal Allergic Rhinitis in Subjects 12 Years of Age and Older. 73 Patients Enrolled. Cedar 2009.
- 4) A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Phase 3 Clinical Study to Assess the Efficacy and Safety of Intranasal Steroid Aerosol in the Treatment of Perennial Allergic Rhinitis in Adult and Adolescent Subjects (12 Years of Age and Older). 29 Patients Enrolled. 2010.
- 5) A Randomized, Double-Blind, Placebo- and Active- Controlled, Parallel-Group, 6-Week Study Designed to Investigate the Effects of Intranasal Steroid Aerosol on the Hypothalamic-Pituitary- Adrenal (HPA)-Axis when Administered in Adolescent and Adult Subjects. 35 Patients Enrolled. 2010.
- 6) A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Phase 3 Clinical Study to Assess the Efficacy and Safety of Intranasal Steroid Aerosol in the Treatment of Perennial Allergic Rhinitis in Adult and Adolescent Subjects (12 Years of Age and Older). 29 Patients Enrolled. 2010.
- 7) A Randomized, Double-Blind, Placebo- and Active- Controlled, Parallel-Group, 6-Week Study Designed to Investigate the Effects of Intranasal Steroid Aerosol on the Hypothalamic-Pituitary- Adrenal (HPA)-Axis when Administered in Adolescent and Adult Subjects. 35 Patients Enrolled. 2010.
- 8) A multicenter 52-week study to assess the safety of a short acting beta agonist dry powder inhaler device in subjects with asthma. 20 Patients Enrolled.2010
- 9) A Prospective, Open label, Assessment of a short acting beta agonist integrated dose counter.14 Patients Enrolled. 2011
- 10) A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multi-Center, Dose-Finding Study To Assess the Efficacy and Safety of an anti-inflammatory corticosteroid Nasal Aerosol in Pediatric Subjects (6 to 11 years of age) With Seasonal Allergic Rhinitis (SAR). 18 Patients Enrolled. 2011.

3 M PHARMACEUTICALS

- 1) A 12-Week Safety and Efficacy Study of a New Inhaled Formulation in Patients with Reversible Obstructive Airway Disease. 22 patients enrolled. Fall 1993.
- 2) Twelve Month, Open-Label Safety and Efficacy Study Using a Bronchodilator in a New Device for the Treatment of Reversible Obstructive Airway Disease. 38 patients enrolled. September 1994.

- 3) Six Week Comparison Study for Subjects with Mild to Moderate Reversible Obstructive Airway Disease. 20 patients enrolled. Summer/Fall 1995.
- 4) A Randomized, Double-Blind, Double-Dummy, Placebo-Controlled, Parallel Evaluation of an Anti-Ulcer Drug for the Reduction of Severity or Prevention of Meal-Induced Heartburn. 11 patients enrolled. December 1996.
- 5) Exercise Challenge Dose Response Study of an Inhaled Steroid in Patients with Reversible Obstructive Airway Disease. 13 patients enrolled. 1997.
- 6) Dose Response Comparison of an Inhaled Steroid with New Propellant Inhalation Device with Inhaled Steroid with New Propellant in Press & Breathe MDI in Patients with Asthma. 12 patients enrolled. 1998.
- 7) Safety and Efficacy Study of HFA-134a Albuterol Sulfate Delivered from a Press-and-Breathe MDI, HFA-134a Albuterol Sulfate Delivered from the Autohaler™ Inhalation Device, and HFA-Placebo in Patients with Asthma. 12 patients enrolled. 1999.
- 8) A 12-Week Comparison of Daily Doses of 100 mcg and 200 mcg of Inhaled Steroid with New Propellant in the Autohaler™ Device Versus Placebo in Pediatric Patients with Symptomatic Asthma. 7 patients enrolled. 1999-2000.

UCB PHARMA

- 1) A Double-Blind, Randomized, Placebo Controlled, Multicenter, Phase II Study with Five Parallel Groups, Comparing the Efficacy and Safety of Oral Antihistamine Tablets Administered Twice a Day and Oral Antihistamine Tablets Administered Once a Day in the Morning for Two Weeks Versus Placebo in Subjects Suffering from Seasonal Allergic Rhinitis. 51 patients enrolled. 2002.
- 2) A Multi-center, Randomized, Double Blind, Placebo Controlled Parallel Group Study of the Safety of a Non-sedating Antihistamine Oral Liquid Formulation b.i.d. dosing in Children Aged 2 to 6 Years Suffering from Allergic Rhinitis or Chronic Urticaria of Unknown Origin. 25 Patients Enrolled. 2008.
- 3) A multi-center, randomized, double-blind, placebo-controlled, parallel-group study evaluating the efficacy and impact on health-related quality of life of Non-sedative Antihistamine 5 mg once daily given for 2 weeks in subjects 18 yr of age and older with seasonal allergic rhinitis. 38 Patients Enrolled. 2008.

UPJOHN

- 1) Comparison of Oral Antibiotic in the Treatment of Acute Maxillary Sinusitis in Adults. 25 patients enrolled. 1995-96.
- 2) Open-Label Study to Evaluate the Use of a Cholesterol Medication in the Treatment of Hypercholesterolemia. 200 patients enrolled. 1997.

VICKS

- 1) An NSAID Dosing Compliance Study. 100 patients enrolled. 1989.

VIRO PHARMA

- 1) A Randomized, Double-Blind, Placebo-Controlled Study To Evaluate The Clinical Efficacy, Virologic Activity, And Safety Of an antiviral medication (Oral Suspension) In The Treatment Of Viral Respiratory Infection In Children 1 To 6 Years Of Age. 2001.
- 2) A Randomized, Double-Blind, Placebo-Controlled Study To Evaluate The Clinical Efficacy, Virologic Activity, And Safety Of Pleconaril (Oral Suspension) In The Treatment Of Viral Respiratory Infection In Children 7 To 12 Years Of Age. 2001.

WALLACE

- 1) Comparison of the Effectiveness and Safety of a New Asthma Medication in the Management of Symptomatic Bronchial Asthma. 30 patients enrolled. Spring 1988.
- 2) Safety, Efficacy and Duration of Action Study of a New Asthma Medication for Patients with Chronic Asthma. 14 patients enrolled. 1988.
- 3) Safety and Efficacy Study of a New Nasal Spray in Seasonal Allergic Rhinitis. 50 patients enrolled. Winter 1990.
- 4) Comparative Study to Assess the Safety and Efficacy of a New Medication in the Management of Seasonal Allergic Rhinitis. 50 patients enrolled. Spring 1991.
- 5) A Randomized, Double-Blind, Placebo-Controlled Trial of antihistamine nasal spray, antihistamine in Patients With Seasonal Allergic Rhinitis. 31 patients enrolled. 2002.

WARNER LAMBERT

- 1) Comparison of the Efficacy of Two Marketed Oral Antihistamines in Seasonal Allergic Rhinitis. 80 patients enrolled. Cedar 1995.

WATSON

- 1) Double-blind, double-masked, randomized, placebo-controlled, cross-over study of the bronchoprotective effect of generic levalbuterol tartrate HFA and Xopenex HFA® (levalbuterol tartrate) metered-dose inhaler (MDI) formulations against methacholine-induced bronchoconstriction in asthmatic subjects. Still Enrolling. 2011.

WEST

- 1) A Multi-center, Three-arm, Parallel-group, Double-blind, Randomized Study of the Efficacy and Safety of an Intranasal Corticosteroid Compared to a Marketed Corticosteroid and Placebo in Subjects with Seasonal Allergic Rhinitis During the Fall Allergy Season. 40 patients enrolled. 2003.

WHITEHALL LABORATORIES

- 1) A Double-Blind Comparison Study of 2 Doses of one antihistamine vs another antihistamines in Patients with Allergic Rhinitis. 40 patients enrolled. Fall 1992.

WHITEHALL-ROBINS

- 45) NSAID Multi-Symptom Allergy Sinus Efficacy and Safety Study. 22 patients enrolled. Spring 2001.
- 46) A Pilot Study of the Effect of an Antihistamine on Nasal Congestion in a Subset of Subjects with Seasonal Allergic Rhinitis. Spring 2001.

ZENECA

- 1) Double-Blind Comparison Study of a New Asthma Medication in Mild to Moderate Asthmatic Patients. 9 patients enrolled. 1993-1994.
- 2) Double-Blind Study to Compare Efficacy of a New Oral Asthma Medication Over 13 Weeks in Patients with Mild to Moderate Asthma. 14 patients enrolled. 1993-1994.
- 3) One Year Open-Label Study of a New Oral Medication for Treatment of Patients with Mild to Moderate Asthma. 2 patients enrolled. May 1994.
- 4) A Double-Blind, Placebo-Controlled Trial of an Oral Medication for Mild to Moderate Asthmatics. 13 patients enrolled. 1995-1996.
- 5) A Double-Blind, Dose-Ranging Study of the Safety and Efficacy of a Leukotriene Receptor Antagonist and an Antihistamine in Patients with Seasonal Allergic Rhinitis. 64 patients enrolled. 1996.
- 6) A 13-week Double-Blind Study Comparing Two Doses of Medication Given in Combination with an Inhaled Corticosteroid vs High-Dose Corticosteroid Alone in Patients with Mild to Moderate Asthma. 13 patients enrolled. 1996.
- 7) A Dose-Ranging, Safety, and Efficacy Trial with an Oral Medication in the Treatment of Pediatric Subjects with Mild to Moderate Asthma. 17 patients enrolled. 1997.
- 8) A Multi-Center, Randomized, Double-Blind, Dose Escalation Trial to Compare the Effect of Oral Doses of an Asthma Medication in Subjects with Mild to Moderate Asthma. 30 patients enrolled. 1997.
- 9) An Open-label, Multi-Center Trial Providing Progressive Options, Widening Experience and Relief with a New Marketed Medication in the Acute treatment of Migraine Headaches. 3 patients enrolled. 1998.
- 10) Multi-Center, Double-Blind Comparison of an Asthma Medication with Placebo in Pediatric Subjects with Mild-to-Moderate Asthma. 10 patients enrolled. 1998-1999. Studies done at
Phase I Units