CURRICULUM VITAE

NAME
Isaac Reuven Melamed, MD

POSITION
Principal Investigator / Sub-Investigator

ADDRESS (ES)
IMMUNOe Research Centers
6801 South Yosemite Street
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3260 East 104th Avenue
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18620 Green Valley Ranch Blvd, Suite 101
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1551 Professional Lane, Unit 280
Longmont, CO 80501

EDUCATION

1969–1975: Hebrew University—Hadassah School of Medicine; Jerusalem

1965–1969: "Ahad Ha'am" High School; Petah Tikva

TRAINING

1992–1995: Post-doctoral fellow, Department of Pediatrics, Division of Basic Sciences, National Jewish Center for Immunology and Respiratory Medicine; Denver, Colorado

1992: Fellow of the American Academy of Allergy and Immunology

1989–1992: Post-doctoral fellow in the Dept. of Pediatrics, Division of Immunology/ Allergy, Hospital for Sick Children; Toronto, Canada

1986-1989: Senior Staff Physician—Danna Children Hospital; Tel Aviv

1981–1986: Residency in Pediatrics, Rokach (Hadassah) Hospital, Tel Aviv Medical Center; Tel Aviv

1977–1981: I.D.F. and Heller Institute—Military Medicine, Sheba Medical Center; Tel-Hashomer

1975–1976: Internship—Hebrew University; Jerusalem Title of Doctoral Dissertation: *"Evaluation of a New Pneumatic Method as Treatment of Post-Mastectomy Lymphedema"*; Supervisor: Dr. A. Zelikovski

EXPERIENCE

2002–Present: Private practice, IMMUNOe Research Centers, IMMUNOe International Research Center, 1st Allergy & Clinical Research Centers, and 1st International Clinical Research Centers, Centennial (CO), Green Valley Ranch (CO), Longmont (CO) and Thornton (CO).

1995–Present: Private practice, IMMUNOe Health Centers, Centennial, CO and Thornton, CO

LICENSURE

1992– active: Colorado license to practice medicine (License #32130)

1986: Israel Board Certified Specialist in Pediatrics

PROFESSIONAL AND ACADEMIC APPOINTMENTS

INSTITUTIONAL AFFILIATIONS

2011 - Present: Assistant Clinical Professor of Medicine, Department of Pediatrics, School of Medicine, University of Colorado Anschutz Medical Campus

1995 – Present: Assistant Professor at Children's Hospital and National Jewish Hospital, Denver, Colorado. Active in Pediatric Grand Rounds at National Jewish

2002-2011: Associate Clinical Professor, Department of Pediatrics, School of Medicine, University of Colorado Anschutz Medical Campus

1995 - 1998: Assistant Professor, Department of Pediatrics, University of Colorado, Health Sciences Medical Center

1992–1995: Post-doctoral fellow, Department of Pediatrics, Division of Basic Sciences, National Jewish Center for Immunology and Respiratory Medicine; Denver, Colorado.

1989–1992: Post-doctoral fellow in the Department of Pediatrics. Division of Immunology/Allergy, Hospital for Sick Children; Toronto, Canada

1988-1998 Associate Professor—Tel Aviv University, Sackler Medical School of Medicine, Tel Aviv, Israel

1986-1988 Lecturer, Tel Aviv University Sackler School of Medicine, Tel Aviv, Israel

AWARDS AND PRIZES

2002: Award of Clinical Immunology Society

1993: Research Award of the American Academy of Allergy and Immunology

1991: Honorable certificate, The Third Canadian Annual Pediatric Fellows Research Symposium, Univ. of Manitoba

1990: Tisdale award for excellence in research, Dept. of Pediatrics, University of Toronto, Hospital for Sick Children

1978: Faculty prize for doctoral dissertation, Hebrew University— Hadassah Medical School; Jerusalem

PROFESSIONAL ORGANIZATIONS

2003: European Society of Neuroimmunology

1999: European Pediatric Immunodeficiency Society

1998: European Society of Allergy and Immunology

1997: The Asthma Committee by Prudential

1997: The Autistic Society—research/clinical advisory committee

1998: Aetna/Prudential Provider Advisory Committee

1994: Colorado Medical Society

1993: Colorado Allergy and Asthma Society

1993: American Society of Research

1992: Canadian Society for Allergy and Immunology

1991: American College of Allergy and Immunology

1991: American Association of Immunologists

1990: Clinical Immunology Society

1990: American Academy of Allergy and Immunology

1986: Committee of Pediatric training—Sackler Medical School

1981 Israel Society for Clinical Pediatrics

PRESENTATIONS

1995–Present Lecturer in the training programs of:

- Immuno-clinical correlated-topics - National Jewish Health, Denver, CO
- Early B-cell signaling Cell Biology Section - University of Colorado Health Sciences Center, Denver, CO
- The Role of Signaling in Immunodeficiency - University of Colorado Health Sciences Center, Denver, CO, Immune Deficiency Clinic
- Signaling defects in immune deficiency patients (currently on Wiskot Aldrich) - University of Colorado Health Sciences Center, Denver, CO, Immune Deficiency Clinic

1. I. Melamed, V. Zakuth, E. Tzechoval and Z. Spirer: Suppressor T-cell activity in splenectomized subjects. Israel Pediatric Association Meeting, Herzelia, 1981.

2. I. Melamed, Y. Romem, G. Keren and E. Dolev: Acute exertional rhabdomyolysis in recruits. 12th World Congress of Israel Medical Association, Jerusalem, 1982.

3. I. Melamed, D. Chitayat, V. Zakuth and Z. Spirer: Transient immune deficiency in children. Israel Pediatrics Association, Herzelia, 1982.

4. I. Melamed, S. Shemer, V. Zakuth, M. Pras and Z. Spirer: The immune system in familial Mediterranean fever. Israel Pediatric Association, Tel Aviv, 1983.

5. Y. Bujanover, I. Melamed, Y. Siegman-Igra, V. Zakuth and Z. Spirer: Campylobacter enteritis in normal and immunodeficient children. European Society of Pediatric Gastroenterology, Graz, Austria, 1983.

6. I. Melamed, et al: Campylobacter enteritis in immune deficient children. 2ndInternational Workshop of Campylobacter Infection, Brussels, Belgium, 1983.

7. I. Melamed, V. Zakuth, Y. Burenstein and Z. Spirer: Blastogenic response to V-Z antigen in normal and immune suppressed children. Israeli Pediatrics Association, Tel Aviv, 1984.

8. I. Melamed: The immune response to campylobacter infection. 3rd International Workshop on Campylobacter Infection, Ottawa, Canada, 1985.

9. I. Melamed, J.D. Kark and Z. Spirer: Serum IgA levels in different ethnic groups. Israel Pediatrics Association, Tel Aviv, 1985.

10. I. Melamed: The association of NEC to campylobacter infection. IVth International Workshop on Campylobacter Infection, Goeteborg, Sweden, 1987.

11. D. Schwartz and I. Melamed: Enzyme-linked immunosorbent assay in diagnosis of campylobacter jejuni infection in Israel children. Israel Microbiology Association, Rehovot, 1987. Abstract: Israel Journal of Med Sci 23:855-856, 1987.

12. I. Melamed, J. Kark and Z. Spirer: Coffee and the immune system. European Immunology Congress, Zagreb, 1987.

13. I. Melamed, S. Kabili and Z. Spirer: Familial Mediterranean fever and the immune system. European Immunology Congress, Zagreb, 1987.

14. I. Melamed, V. Zakuth and Z. Spirer: Decreased IL-1 and IL-2 production post splenectomy. Israel Society of Immunology, Beer Sheva, 1988.

15. I. Melamed, D. Schwartz and Y. Goldharer: Campylobacter and necrotizing enterocolitis. 5th International Workshop on Campylobacter Infections. Mexico, 1988.

16. D. Schwartz, I. Melamed, Z. Spire, D. Cohen, N. Konforty and J. Goldhar: ELISA for Campylobacter jejuni antibodies in Israeli children and soldiers. Proceeding of the 16th International Congress of Chemotherapy, Israel, June 1989.

17. I. Melamed, G. Doweny and C.M. Roifman: Cytoskeletal changes associated with B cell activation, FASEB meeting, Washington DC, 1990.

18. I. Melamed, G. Doweny and C.M. Roifman: Mitogen induced microfilament assembly. Clinical Immunology Society, Chicago, IL,1990.

19. I. Melamed, G.P. Downey, A. Choen and C.M. Roifman: B cell activation is dependent on vimentin, Atlanta, FASEB Meeting, 1991.

20. I. Melamed and C.M. Roifman: Unrelated matched bone marrow transplantation for Ommen's Syndrome. American College of Allergy, Asthma & Immunology annual meeting (ACAAI), 1992.

21. I. Melamed, R.A. Franklin, C. Brodie, J. Lucas and E.W. Gelfand: Signaling of B lymphocytes by nerve growth factor: tyrosine phosphorylation of phospholipase Cg1, MAP2-Kinase and GP140trk. American Association of Immunology meeting, Denver, CO, 1993.

22. R.A. Franklin, C. Brodie, I. Melamed, N. Terada, J. Lucas, E.W. Gelfand: Nerve growth factor induced activation of MAP2-Kinase and P90rsk in B lymphocytes. American Association of Immunology meeting, Denver, CO, 1993.

23. I. Melamed, C.A. Kelleher, R.A. Franklin, C. Brodie, J.B. Hempstead, D. Kaplan and E.W. Gelfand: Signaling of B lymphocytes by nerve growth factor: gp140trk as a neuro-immune adaptor. Cell Biology Meeting, New Orleans, LA, 1993.

24. I. Melamed, C. Turner, E.W. Gelfand: 893 Nerve growth factor (NGF) triggers microfilament assembly and paxillin phosphorylation in B lymphocytes. American Academy of Allergy, Asthma and Immunology annual meeting (AAAAI), New Orleans, LA,1996.

25. I. Melamed, E.W. Gelfand: Modulation of activated B and T cell tyrosine phosphorylation by intravenous immunoglobulin (IVIG), American Academy of Allergy, Asthma & Immunology annual meeting (AAAAI), New Orleans, LA, 1996.

26. I. Melamed, H. Patel, E.W. Gelfand: Trk tyrosine kinase dependent activation of Vav/Ras in human B cells by nerve growth factor, American Academy of Allergy, Asthma and Immunology annual meeting (AAAAI), San Francisco, CA, 1997.

27. I. Melamed, H. Patel, E.W. Gelfand: Activation of Vav and Ras through nerve growth factor. 5th IUBMB –The Biochemistry of Health and Diseases meeting, Jerusalem, 1998.

28. I. Melamed, E.W. Gelfand: Microfilament Assembly is Involved in Apoptosis, 5th IUBMB –The Biochemistry of Health and Diseases meeting, Jerusalem 1999.

29. I. Melamed, C.M. Roifman, E.W. Gelfand: 654 A New Autosomal Recessive Skeletal Dysplasia with Immune Deficiency and Abnormal Vitamin D Signaling, American Academy of Allergy, Asthma and Immunology meeting(AAAAI), 2000.

30. I. Melamed: The Role of Signaling in Immunodeficiency. International Allergy meeting, Israel, 2000.

31. I. Melamed, J. Levy, S. Shatzky, R. Parvari, E.W. Gelfand: A Novel Immunodeficiency Trk A-Mutation inpatients with Congenital Insensitivity to Pain and Anhidrosis (CIPA). FOCIS, San Francisco, 2002.

32. I. Melamed: Immunotherapy - How early is early? American College Allergy, Asthma and Immunology annual meeting (ACAAI), New Orleans, 2003.

33. I. Melamed: Parvovirus B-19 infection as a cause of severe ataxia in immunodeficient patient and the benefit of high dose IVIG. American College of Allergy Asthma and Immunology annual meeting (ACAAI), New Orleans, 2003.

34. I. Melamed, B.G. Bender, M.Z. Wamboldt: The Benefit of Using Cetirizine (Zyrtec) With Stimulant in Children With Comorbid Allergy and ADHD. American Academy Allergy, Asthma and Immunology meeting (AAAAI), 2004.

35. I. Melamed, S.B. Beard: The benefit of high-dose IVIG treatment in an immunocompromised patient who presented with idiopathic tremors. American Academy Allergy, Asthma and Immunology meeting (AAAAI), 2004.

36. I. Melamed, A. McDonald, B. Jessen: Atopy as a Cause of Delayed Maturation of the Immune System. American Academy Allergy, Asthma and Immunology meeting (AAAAI), 2006.

37. I. Melamed, A. McDonald, M. Gonzalez: Autism as a Neuroimmune Disease: The Benefit Effect of IVIG. American Academy Allergy, Asthma and Immunology meeting (AAAAI), 2006.

38. I. Melamed, S. Kelley, A. McDonald, D. Bar-Or: The Immunomodulatory Effect of IVIG in Parvovirus B-19 Induced Neuroimmune Disease. American Academy Allergy, Asthma and Immunology meeting (AAAAI), 2006.

39. I. Melamed, A. Smith, F. Accurso: The Benefit of IVIG in Children with Chronic Sinus Disease Secondary to Single Mutation in the Cystic Fibrosis Transmembrane Regulatory Gene. American Academy Allergy, Asthma and Immunology (AAAAI) meeting, 2006.

40. I. Melamed, D. Bar-Or, R. Shimonkevitz: 605 The Immune modulating Effect of Pimecrolimus in Atopic Dermatitis. American Academy of Dermatology annual meeting, 2008.

41. I. Melamed, M. R. Stein, R. L. Wasserman, H. Leibl, W. Engle, R. C. Yocum, R. I. Schiff: Recombinant Human Hyaluronidase Facilitates Dispersion of Subcutaneously Administered Gammagard Liquid and Enables Administration of a Full Monthly Dose in a Single Site to Patients with Immunodeficiency Diseases: American Academy Allergy, Asthma and Immunology meeting (AAAAI), 2008.

42. I. Melamed: Atopy as a Linkage to Autoimmune Diseases. Presentation given at: International Conference Dedicated to a Centenary of Elie Metchnifoff and Paul Ehrlich Nobel Prize Award; September 15, 2008; Moscow, Russia.

43. I. Melamed: The Metabolic Syndrome as an Immune-related Disease. Presentation given at: Colorado Society of Osteopathic Medicine Annual Meeting; February 23, 2008; Keystone, CO.

44. I. Melamed: The Immunomodulatory Role of IVIg in Viral Induced Neuro-immune Disorders — The Potential Role of Anti-myelin Antibodies as a Biomarker: Poster presentation given at: 6th International Immunoglobulin Symposium; March 2009 Interlaken, Switzerland.

45. I. Melamed, M. R. Stein, R. L. Wasserman, H. Leibl, W. Engle, R. C. Yocum, R. I. Schiff: Use of Recombinant Human Hyaluronidase to Facilitate Dispersion, Absorption, and Bioavailability of IVIG. Presented at: American Academy of Neurology Focus Group; April 27, 2009; Seattle, WA.

46. I. Melamed: The Role of the Immune System in Autoimmune Diseases. Presentation given at Hospital Punta Pacifica, May 5, 2009; Panama City, Panama.

47. I. Melamed: Phase 3 Clinical Trial on the Use of IVIG, 10% Plus Recombinant Human Hyaluronidase: Overview and Updates. Presentation given at: Federation of Clinical Immunology Societies (FOCIS) FOCUS Group Dinner, June 10, 2009; San Francisco, CA.

48. I. Melamed: The role of Zyrtalin in neuro-inflammatory diseases – Nerve growth factor as a possible link between the nervous and the immune system. Presentation at: 45th Annual Drug Information Association (DIA) Poster Session 2009; June 23, 2009; San Diego, CA.

49. I. Melamed: The Immunomodulatory of Role of IVIg in Viral Induced Neuro-immune Disorders. Poster presentations at: International Forum on Immunoglobulin Research (IFIR) 2009; November 19, 2009; Ft. Lauderdale, FL.

50. I. Melamed: Attention Deficit Disorder and Allergic Rhinitis – Are They Related? The Benefit of Using Cetirizine in Children with Comorbid Disease (ADHD and Allergy). American College of Allergy Asthma & Immunology Annual Meeting (ACAAI), 2009.

51. I. Melamed, Robinson L, Heffron M: The Benefit of Montelukast in Atopic Dermatitis Induced by Food Allergies. American Academy of Allergy Asthma & Immunology Annual Meeting, 2010.

52. I. Melamed: The immunomodulatory role of IVIg in viral induced neuroimmune disorders – The potential role of anti-myelin antibodies as a biomarker. VI Georgian Congress of Allergology & Immunology, Keynote Speaker, October 1, 2010, Tbilisi, Georgia

53. I. Melamed: The role of vitamin D in autoimmune disease. VI Georgian Congress of Allergology & Immunology Annual Meeting, October 1, 2010, Tbilisi, Georgia.

54. I. Melamed, A. Neff, A. McDonald, A. Beck: An analysis of safety and tolerability data on 10%, 16%, and 20% formulations of subcutaneous immunoglobulins (IGSC Poster presentation at Academy of Allergy, Asthma and Immunology annual meeting (AAAAI), March 17 – 21, 2011, San Francisco, CA.

55. I. Melamed. An analysis of safety and tolerability data on 10%, 16%, and 20% formulations of subcutaneous immunoglobulins (IGSC). Focus group presentation at Academy of Allergy, Asthma and Immunology annual meeting (AAAAI), March 17 – 21, 2011, San Francisco, CA.

56. I. Melamed, A. Neff, A. McDonald. Subcutaneous immunoglobulins: Product characteristics and their role in primary immunodeficiency disease. Poster presentation at Clinical Immunology Society annual meeting (CIS), May 18 - 21, 2011, Chicago, IL.

57. I. Melamed, M. R. Stein, R. L. Wasserman, H. Leibl, W. Engle, R. C. Yocum, R. I. Schiff: Safety and Pharmacokinetics of Facilitated-Subcutaneous Infusion of Immune Globulin (Human), 10% and Recombinant Human Hyaluronidase (IGHy) in a Phase III Extension Study in Patients

with Primary Immunodeficiency Disease (PIDD). Presentation given at: American Academy of Allergy, Asthma and Immunology Annual Meeting (AAAAI), March 2-6, 2012, Orlando, FL.

58. I. Melamed, A. Testori: The Benefit of Intravenous Immunoglobulin in Sarcoidosis. Presented at: 3rd International Forum in Immunogloulin Research (IFIR), October 3-6, 2013, Miami, Florida.

59. I. Melamed: Benefits of Gammaplex 5% IVIG for Patients Experiencing Adverse Events on 10% IVIG. Presentation given at: First International Primary Immunodeficiencies Congress (IPIC), November 7-9, 2013, Estoril, Portugal.

60. I. Melamed, R.L. Wasserman, M. Stein, A. Rubenstein, J. Puck, S. Gupta, et. al. Long-Term Safety/Pharmacokinetics of Facilitated-Subcutaneous Infusion of Human Immune Globulin G 10%, and Recombinant Human Hyaluronidase in Primary Immunodeficiencies: An Extension Study. First International Primary Immunodeficiencies Congress Annual Meeting (IPIC), November 7-9, 2013, Estoril, Portugal.

61. I. Melamed, R.L. Wasserman, M. Stein, A. Rubenstein, J.M. Puck, S. Gupta, W. Engl, H. Leibl, et. al.: Long-Term Tolerability and Safety of Facilitated-Subcutaneous Infusion of Human Immune Globulin G (IgG), 10%, and Recombinant Human Hyaluronidase (rHuPH20) (IGHy): A Phase 3 Extension Study in Patients with Primary Immunodeficiencies (PIs). American Academy of Allergy, Asthma and Immunology annual meeting (AAAAI), February 27 – March 3, 2014, San Diego, CA.

62. I. Melamed, R. L. Wasserman, M. Stein, A. Rubinstein, J. Puck, S. Gupta, et. al.: Long Term Safety, Efficacy, Tolerability, and Pharmacokinetics of Recombinant Human Hyaluronidase-Facilitated Subcutaneous Infusion of Immunoglobulin G: A Phase 3 Extension Study in Patients with Primary Immunodeficiencies. 100th J Project Meeting, March 12 – 15, 2014, Antalya, Turkey.

63. I. Melamed, R.L. Wasserman, M. Stein, A. Rubinstein, J. Puck, S. Gupta, et. al: Long-Term Tolerability and Safety of Facilitated-Subcutaneous Infusion of Human Immunoglobulin G, 10%, and Recombinant Human Hyaluronidase: A Phase 3 Extension Study in Patients With Primary Immunodeficiencies. Clinical Immunology Society Annual Meeting (CIS), April 10 – 14, 2014, Baltimore, MD.

64. I. Melamed, R.L. Wasserman, M. Stein, A. Rubinstein, J. Puck, S. Gupta, et.al.: Long Term Safety, Efficacy, Tolerability, and Pharmacokinetics of Recombinant Human Hyaluronidase-Facilitated Subcutaneous Infusion of Immunoglobulin G: A Phase 3 Extension Study in

Patients with Primary Immunodeficiencies. Immunoglobulin Nursing Society Annual Meeting (IgNS), September 19 – 20, 2014, Las Vegas, NV.

65. I. Melamed, R.L. Wasserman, M. Stein, A. Rubinstein, J. Puck, S. Gupta, et. al.: Long Term Safety, Efficacy, Tolerability, and Pharmacokinetics (PK) of HyQvia® (IGHy): A Phase III Extension Study in Patients With Primary Immunodeficiencies. German, Austrian and Swiss Societies of Haematology and Oncology Annual Meeting (DGHO), October 10 – 14, 2014, Hamburg, Germany.

66. I. Melamed, R. L. Wasserman, M. Stein, A. Rubinstein, J. Puck, S. Gupta, et. al. Long Term Safety, Efficacy, Tolerability, and Pharmacokinetics of Recombinant Human Hyaluronidase-Facilitated Subcutaneous Infusion of Immunoglobulin G: A Phase 3 Extension Study in Patients with Primary Immunodeficiencies. American College of Clinical Pharmacy Annual Meeting (ACCP), October 12 – 15, 2014, Austin, TX.

67. I. Melamed, A. Testori. The Role of C1 Esterase Inhibitor in CVID. European Society for Immunodeficiencies Annual Meeting (ESID), October 29 – November 1, 2014, Prague, Czech Republic.

68. I. Melamed. Pharmacokinetics of RI-002, an investigational IGIV preparation. American Academy of Allergy, Asthma & Immunology annual meeting (AAAAI), February 20 – 24, 2015, Houston, TX.

69. I. Melamed. Gammaplex® 5% in Children and Adolescents with Primary Immunodeficiency Diseases. Clinical Immunology Society annual meeting (CIS), April 9 – 12, 2015, Houston, TX.

70. I. Melamed. The Benefit of IVIG in Treating Children with Autism Spectrum Disorder. Immunoglobulin Nursing Society (IgNS), September 17 – 20, 2015, Washington D.C.

71. I. Melamed, S. Gupta, M.S. Bobbitt, K. Gillander, N. Hyland, J.N. Moy. Efficacy and Safety of Gammaplex® in Children and Adolescents with Primary Immunodeficiency Diseases. Immunoglobulin Nursing Society (IgNS), September 17 – 20, 2015, Washington D.C.

72. I. Melamed. In a Developing World of Novel 10% Intravenous Immunoglobulin Products, the Original 5% Solutions Still Have an Important Role & Why. International Primary Immunodeficiency Congress, November 5 – 6, 2015, Budapest, Hungary.

PUBLICATIONS

1. Zelikovski, I. Melamed, I. Kott, M. Manoach, I. Urca. The "Lymphapress" - a new pneumatic device for the treatment of lymphedema: clinical trial and results. Folia Angiology 1980; 28:165-169.

2. I. Melamed, I. Romem: Is bicarbonate needed in shock treatment? Harefuah 1980; 11:397-9.

3. I. Melamed, Y. Romem, G. Keren, Y. Epstein and E. Dolev. March myoglobinemia - A hazard to renal function. Archives of Internal Medicine 1982; 142:1277-9.

4. I. Melamed, V. Zakuth, E. Tzechoval, Z. Spirer. Suppressor T cell activity in splenectomized subjects. Journal of Clinical & Laboratory Immunology 1982; 7(3):173-7.

5. I. Melamed, Z. Spirer. Aging and immunity. Harefuah 1982; 102(1):31-3.

6. I. Melamed, Y. Bujanover, J. Hammer, Z. Spirer. Hepatoblastoma in an infant born to a mother after hormonal treatment for sterility. New England Journal of Medicine 10/1982; 307(13):820. DOI:10.1056/NEJM198209233071313. PMID: 6287262.

7. I. Melamed, Y. Romem, T. Shimoni, Y. Pereck, E. Dolev. Overdose of booster tetanus toxoid given in error: A clinical study. Scandinavian Journal of Infectious Disease 1983; 15(3):303-6. PMID: 6359374.

8. I. Melamed, Y. Bujanover, Y.S. Igra, D. Schwartz, V. Zakuth, Z. Spirer. Campylobacter enteritis in normal and immunodeficient children. American Journal of Diseases of Children (1960) 1983; 137(8):752-3. PMID: 6869333.

9. I. Melamed, S. Shemer, V. Zakuth, E. Tzehoval, M. Pras, Z. Spirer. The immune system in familial Mediterranean fever. Clinical & Experimental Immunology 1983; 53(3):659-62. PMID: 6225577.

10. I. Melamed, M. Djaldetti, H. Joshua, U. Seligson: Association of the hemophila A carrier state and hemorraghic thrombocytopathy with dilatation of platelet membrane complex. Acta Haematologic 1984; 71(6):381-7. DOI:10.1159/000206623. PMID: 6433619.

11. I. Melamed, Y. Bujanover and Z. Spirer. Neurologic complication in Campylobacter jejuni enteritis. Harefuah 1984; 106(10):455. PMID: 6469104.

12. I. Melamed, D. Chitayat, V. Zakuth and Z. Spirer. Incomplete transient immunodeficiency in children. Harefuah 1984; 106:350-2.

13. I. Melamed, A. Aviram, A. Rubinstein, V. Zakuth, G. Pereschansky, Z. Spirer. Inhibition of lymphocyte response to mitogens by dipyridamole: preliminary findings. European Journal of Clinical Pharmacology 1985; 28(3):263-5. DOI:10.1007BF00543321. PMID: 4007031.

14. I. Melamed, Y. Bujanover, Y. Siegman-Igra, V. Zakuth and Z. Spirer: Campylobacter enteritis in normal and immunodeficient children. Campylobacter II, Ed., A.D. Pearson, M.B. Skirrow, B. Bowe, J.R. Davis, D.M. Jones, 1985.

15. I. Melamed, V. Zakuth, D. Schwartz and Z. Spirer: The immune response to campylobacter infection. Campylobacter III, Ed., A.D. Pearson, M.B. Skirrow, B. Bowe, J.R. Davis, D.M. Jones, 1987.

16. I. Melamed, V. Zakuth, J.O. Kark, Z. Spirer. The immune system in isolated IgA deficiency. Journal of Clinical & Laboratory Immunology 1985; 17(4):163-6.

17. I. Melamed, Y. Bujanover, Z. Spirer, D. Schwartz, N. Conforty. Polymicrobial infection in campylobacter enteritis. British Medical Journal (Clinical research ed.) 1985; 291(6496):633-4. DOI:10.1136/bjm.291.6496.633. PMID: 3928058.

18. I. Melamed, S. Diamant, A. Fattal, Z. Spirer. Kawasaki disease with serologic evidence of streptococcal infection. Infection 1989;14(2):91-2. DOI:10.1007/BF01644453.

19. I. Melamed, J.D. Kark, V. Zakuth, G. Margalit, Z. Spirer. Serum immunoglobulin A levels and ethnicity in an Israeli population sample. Clinical Immunology and Immunopathology 1987; 42(3):259-64. DOI:10.1016/0090-1229(87)90013-4. PMID: 3829450.

20. Y. Bujanover, I. Melamed and D. Branski: Campylobacter jejuni enteritis in normal and immunodeficient children. Front Gastrointestinal Research 1986; 13:343-354.

21. Z. Spirer, M. Holtzman, I. Melamed, I. Shalit. Age distribution of anginose mononucleosis. Archives of Disease in Childhood 07/1987; 62(6):617-619. DOI:10.1136/adc.62.6.617. PMID: 3619480.

22. I. Melamed, Y. Buzanover, D. Schwartz, M. Rogol, V. Zakuth, Z. Spirer. Persistent campylobacteriosis in an immune deficient child. Journal of Diarrhoeal Diseases Research 1987; 5(3):188. PMID: 3507430.

23. I. Melamed, V. Zakuth, D. Schwartz, Z. Spirer. The immune system response to campylobacter infection. Microbiology and Immunology 1988; 32(1):75-82. PMID: 3374406.

24. I. Melamed, S. Kabili, V. Zakuth, Z. Spirer. The immune system in familial Mediterranean fever. Journal of Clinical & Laboratory Immunology 1988; 26(3):125-8. PMID: 2976426.

25. Z. Spirer, V. Zakuth, E. Tzechoval, S. Dagan, M. Friedkin, A. Golander, I. Melamed. Tuftsin stimulates IL-1 production by human mononuclear cells, human spleen cells and mouse spleen cells in vitro. Journal of Clinical & Laboratory Immunology 1989; 28(1):27-31. PMID: 2786082.

26. I. Melamed. Pneumovax vaccine: new aspects. Harefuah 1989; 116:166-8.

27. Z. Spirer, V. Zakuth, E. Tzechoval, S. Dagan, B. Lev, A. Golander, I. Melamed. Decreased interleukin 1 and interleukin 2 production in splenectomized patients. Harefuah. 1994; 126(7):374-7. PMID: 8200582.

28. I. Melamed, J. Kark, Z. Spirer. Coffee and the immune system. International Journal of Immunopharmacology 1990; 12(1):129-34. DOI:10.1016/0192-056(90)90076-Y. PMID: 2303315.

29. D. Schwartz, I. Melamed, D. Cohen, N. Konforti, J. Goldhar. ELISA for Campylobacter jejuni antibodies in Israeli children with diarrhea and in healthy soldiers. Israel Journal of Medical Sciences 1990; 26(6):319-24. PMID: 2380033.

30. I. Melamed, G. Downey and C.M. Roifman. Cytoskeletal changes associated with B cell activation. FASEB 1990; J 4, A640.

31. I. Melamed, S. Pheanny, P. Shermann, C.M. Roifman. Benefit of ketotifen in eosinophilic gastroenteritis. The American Journal of Medicine 1991; 90(3):310-4. DOI:10.1016/0002-9343(91)80010-J. PMID: 2003512.

32. I. Melamed, G.P. Downey, C.M. Roifman. Tyrosine phosphorylation is essential for microfilament assembly in B lymphocytes. Biochemical and Biophysical Research Communications 1991; 176(3):1424-9. DOI:10.1016/0006-291X(91)90445-D. PMID: 2039521.

33. I. Melamed, A.M. Griffiths and C.M Roifman. Benefit of oral immune globulin in patients with immunodeficiency and chronic diarrhea. Journal of Pediatrics 1991; 119(3):486-9. DOI:10.1016/S0022-3476(05)82070-0. PMID: 1880668.

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115. R.L. Wasserman, I. Melamed, M. Stein, L. Kobrynski, J. Puck, S. Gupta, et. al. Long Term Safety, Efficacy and Tolerability of Recombinant Human Hyaluronidase [RHUPH20]-Facilitated Subcutaneous (SC) Infusion of Immunoglobulin G (IGG) (HYQVIA; IGHY) in Pediatric Patients Aged <16 Years with Primary Immunodeficiencies (PID). Clinical Immunology Society (CIS), April 9 – 12, 2015, Houston, TX.

116. Melamed, M. Heffron, S. McGee, L. Ullate, A. Testori. A New Subset of Common Variable Immune Deficiency Characterized by Reduced C1 Esterase Inhibitor Levels. Letters/Ann Allergy Asthma Immunol. 2015; 115:69-85.

117. T.C. Theoharides, J. M. Stewart, S. Panagiotidou, I. Melamed. Mast cells, brain inflammation and autism. Eur J Pharmacol. 2015 May 1. pii: S0014-2999(15)00398-2. doi: 10.1016/j.ejphar.2015.03.086. [Epub ahead of print]

118. D. Suez, I. Melamed, I. Hussain, B. McCoy, L. Yel. Efficacy, Safety, and Tolerability of Human Immune Globulin Subcutaneous, 20%: Interim Analysis of a Phase 2/3 Study in Patients with Primary Immunodeficiencies in North America. Immunoglobulin Nursing Society (IgNS), September 17 – 20, 2015, Washington D.C.

119. D. Suez, I. Melamed, I. Hussain, B. McCoy, L. Yel. Efficacy, Safety, and Tolerability of Human Immune Globulin Subcutaneous, 20%: Interim Analysis of a Phase 2/3 Study in Patients with Primary Immunodeficiencies in North America. International Primary Immunodeficiency Congress, November 5 – 6, 2015, Budapest, Hungary.

120. D. Suez, I. Melamed, I. Hussain, B. McCoy, L. Yel. Efficacy, Safety, and Tolerability of Human Immune Globulin Subcutaneous, 20%: Interim Analysis of a Phase 2/3 Study in Patients with Primary Immunodeficiencies in North America. American Society of Health-Systems Pharmacists (ASHP), December 1 – 6, 2015, New Orleans, LA.

121. I. Melamed, S. Gupta, M. Stratford Bobbitt, N. Hyland, J. N. Moy. Efficacy and safety of Gammaplex® 5% in children and adolescents with primary immunodeficiency diseases. Clin Ex Immunol. [Submitted]

122. J. Heimall, J.A. Church, R. Griffin, T. Lennon, I. Melamed, G. I. Kleiner. Pharmacokinectics, Safety, and Tolerability of Subcutaneous Immune Globulin Injection (Human), 10% Caprylate/Chromatography Purified (GAMUNEX®-C) in Pediatric Patients with Primary Immunodeficiency Disease. J. Clin Immunol [Submitted]

BOOKS AND REVIEWS

I. Melamed, Y. Romem, G. Keren, Y. Epstein and E. Dolev: MyoglobinemiaA Hazard to Renal Function. 1984 Year Book of Emergency Medicine.

OTHER PUBLICATIONS

I. Melamed and V. Steiner: Herpes simplex labialis. I.D.F. Bulletin 1:25, 1980.

I. Melamed: Dopamine. I.D.F. Bulletin 1:29, 1980.

CLINICAL RESEARCH EXPERIENCE

Allergic Rhinitis

2010: A Randomized, Double Blind, Placebo-Controlled, Parallel-Group Study to Assess the Efficacy, Tolerability and Safety of 0.05% Low-Dose XXX Intranasal Spray in Adults with Allergic Rhinitis

2010: A Randomized, Double Blind, Placebo-Controlled, Parallel-Group Study to Assess the Efficacy, Tolerability and Safety of 0.1% XXX Intranasal Spray in Adults with Allergic Rhinitis

2010: A 12-Week Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Safety and Efficacy Study of XXX Nasal Aerosol 37 mcg and 74 mcg in Subjects 6-11 Years with Perennial Allergic Rhinitis

2009: A Randomized, Multicenter, Double-Blind, Placebo-Controlled, Parallel Group Study of the 12 Month Effect of Treatment with Once Daily XXX (XXX Nasal Spray XXX micrograms) on the Growth Velocity of Children, 3 to 9 Years of Age, with Perennial Allergic Rhinitis (PAR)

2007: A study evaluating the safety and efficacy of nasal spray in 6-11 year old patients with Seasonal Allergic Rhinitis

2006: Pediatric (6 to14yrs) study to evaluate the clinical effect of oral XXX versus placebo in persistent asthma which is also active during allergy seasons in pediatric patients with seasonal aeroallergen sensitivity

2005: Adult (18 yrs and up) study to evaluate the relationship and impact of clinical symptoms of allergic rhinitis, on key patient reported outcomes in addition to establishing a minimally important difference in overall symptoms of allergic rhinitis, with particular regard to nasal congestion and morning allergy symptoms

2005: Pediatric (6–11 yrs) study comparing the safety and efficacy of an investigational nasal spray drug in patients with seasonal allergic rhinitis.

2005: Pediatric (2–11 yrs) study evaluating the efficacy and safety of once daily, investigational nasal spray drug in patients with seasonal allergic rhinitis

Asthma

2015: A phase IIa, randomized, double-blind, placebo controlled, parallel group study to assess the safety and efficacy of subcutaneously administered XXX as add-on therapy over 24 weeks in patients with severe persistent asthma

2015: A Multicentre, Randomized, Parallel Group, Phase 3 Safety Extension Study to Evaluate the Safety and Tolerability of XXX in Asthmatic Adults and Adolescents on Inhaled Corticosteroid Plus Long-actingβ2 Agonist

2015: A 52-Week, Multicentre, Randomized, Double-Blind, Parallel Group, Placebo Controlled, Phase 3 Study to Evaluate the Efficacy and Safety of XXX in Adults and Adolescents with Asthma Inadequately Controlled on Inhaled Corticosteroid Plus Long-Acting ß2-Agonist

2015: A Randomized, Double-Blind, Double Dummy, Parallel Group Study to Determine the Local Equivalence of Multiple Doses of XXX To XXX Administered via Oral Inhalation in Adult Asthma Patients.

2014: A Three-Week, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Chronic-Dose Safety and Efficacy Study of XXX relative to Placebo in Pediatric Asthmatics

2014: A 12-Week, Double-Blind, Placebo-Controlled, Efficacy and Safety Study of XXX Compared with XXX in Adolescent and Adult Patients with Persistent Asthma Symptomatic Despite Low-dose Inhaled Corticosteroid Therapy.

2014: A Randomized, Double-Blind, Double-Dummy, Placebo-Controlled, Parallel-Group, 12-Week Clinical Study to Assess the Efficacy and Safety of 320 or 640 mcg/Day of XXX XXX Delivered via Breath-Actuated Inhaler (BAI) or Metered-Dose

Inhaler (MDI) in Adolescent and Adult Patients 12 Years of Age and Older with Persistent Asthma

2014: A Randomized, Double Blind, Double Dummy, Placebo Controlled, Parallel Group, 12 Week Clinical Study to Assess the Efficacy and Safety of 80 or 160 mcg/Day of XXX XXX Delivered via Breath Actuated Inhaler (BAI) or Metered Dose Inhaler (MDI) in Pediatric Patients 5 Through 11 Years of Age with Persistent Asthma

2014: A Multicenter, Randomized, Double-blind, Parallel Group, Placebo-controlled, Phase 3 Efficacy and Safety Study of XXX (MEDI-563) to Reduce Oral Corticosteroid Use in Patients with Uncontrolled Asthma on High Dose Inhaled Corticosteroid plus Long-acting ß2 Agonist and Chronic Oral Corticosteroid Therapy

2013: A Multicenter, Randomized, Double-Blind, Parallel Group, Placebo-Controlled, Phase 3 Efficacy and Safety Study of XXX Added to Medium-Dose Inhaled Corticosteroid Plus Long-Acting B2 Agonist in Patients with Uncontrolled Asthma

2013: A Multicenter, Randomized, Double-Blind, Parallel Group, Placebo-Controlled, Phase III Efficacy and Safety Study of XXX Added to High-Dose Inhaled Corticosteroid Plus Long-Acting B2 Agonist in Patients with Uncontrolled Asthma

2013: A 26 Week, Randomized, Double-blind, Parallel-Group, Active-Controlled, Multicenter, Multinational Safety Study Evaluating the Risk of Serious Asthma-Related Events During Treatment with SYMBICORT®, a Fixed Combination of Inhaled Corticosteroid (ICS) (XXX) and a Long Acting B2 Agonist (LABA) (XXX) as Compared to Treatment with ICS (XXX) Alone in Adult and Adolescent (≥12 Years of Age) Patients with Asthma

2013: A Phase 3, Randomized, Double-blind, Placebo-Controlled Study to Assess the Efficacy and Safety of XXX in Patients Using Corticosteroids and a Second Controller Medication

2013: A Phase III, Randomized, Double-blind, Placebo-Controlled Study to Assess the Efficacy, Safety, and Tolerability of XXX in Adolescent Patients with Uncontrolled Asthma who are on Inhaled Corticosteroids and a Second Controller Medication

2013: A Phase III, Randomized, Double-Blind, Placebo-Controlled Study to Assess the Efficacy, Safety, and Tolerability of xxx in Adolescent Patients with Uncontrolled Asthma who are on Inhaled Corticosteroids and a Second Controller Medication

2012: A Safety and Efficacy Study of XXX Combination versus XXX in the Treatment of Adolescent and Adult Subjects with Asthma Phase IV

2012: A Phase IIb, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy, Safety, and Dosing Regimens of XXX in Adults with Allergic Asthma who are Inadequately Controlled on Inhaled Corticosteroids and a Second Controller

2012: A Phase 2 Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter Study to Evaluate the Efficacy and Safety of XXX in Adults with Persistent Asthma

2011: A 12-Week Dose-ranging Study to Evaluate the Efficacy and Safety of XXX Administered Twice Daily compared with Placebo in Adolescent and Adult Subjects with Persistent Asthma Uncontrolled on Non-Steroidal Therapy

2011: A 12-Week Dose-ranging Study to Evaluate the Efficacy of XXX Administered Twice Daily compared with Placebo in Adolescent and Adult Subjects with Severe Persistent Asthma Uncontrolled on High Dose Inhaled Corticosteroid Therapy

2011: A Phase III, Randomized, Double-Blind, Placebo-Controlled Study to Assess the Efficacy and Safety of XXX in Patients with Uncontrolled Asthma who are on Inhaled Corticosteroids and a Second controller Medication

2011: A 26 Week, Randomized, Double-Blind, Parallel-Group, Active-Controlled, Multicenter, Multinational Safety Study Evaluating the Risk of Serious Asthma-Related Events During Treatment with XXX, a Fixed Combination of Inhaled Corticosteroid (ICS) (XXX) and a Long Acting β2 -Agonist (LABA) (XXX) as Compared to Treatment with ICS (XXX) Alone in Adult and Adolescent (≥ 12 years of age) Patients with Asthma

2011: A Safety and Benefit Study of Inhaled XXX/XXX Combination Versus Inhaled Fluticasone Propionate in the Treatment of Adolescents and Adults with Asthma

2011: A 6-Month Safety and Benefit Study of Inhaled XXX/XXX Combination Versus Inhaled xxx xxx in the Treatment of 6,200 Pediatric Subjects 4-11 Years Old with Persistent Asthma

2010: A Phase 2, Double-Blind, Randomized, Parallel-Group, Placebo-Controlled, Multicenter Study, Comparing XXX 160 µ g bid with placebo: a 6-week efficacy and

safety study in children aged 6 to <12 years with asthma

2010: A Phase 2b, Randomized, Double-Blind Study to Evaluate the Efficacy of XXX in Adults with Uncontrolled, Severe Asthma

2010: A Safety, Efficacy, and Tolerability Study of Daily Dosing with XXX MDI and Placebo in Subjects Aged Birth to <48 Months with Asthma

2009: An Efficacy and Safety Study of XXX (XXX) in the Treatment of Poorly Controlled Asthma in Subjects with Eosinophilic Airway Inflammation

2009: A Phase 2b, Randomized Study to Evaluate the Efficacy and Safety of Subcutaneous XXX in Adults with Uncontrolled Asthma

2009: A Prospective, Randomized, Double-Blind Study of the Efficacy of XXX in Atopic Asthmatics With Good Lung Capacity Who Remain Difficult to Treat

2008: A 12-week, randomized, double-blind, double dummy, multi-center, phase IV study comparing the efficacy and safety of XXX XXX/XX µg x 2 actuations twice daily versus XXX XXX µg x 2 inhalations twice daily, in adult and adolescent (≥12 years) African American subjects with asthma

2008: A 2-Year Prospective, Multi-center, Observational and Epidemiologic Outcomes Study of the Disease Course and Unmet Needs in Children with Symptomatic Moderate to Severe Allergic Asthma

2007: A study of the therapeutic equivalency of inhalers in corticosteroid-dependent subjects with moderate asthma

2007: A phase III clinical trial comparing the safety and efficacy of a combination inhaler to using the components separately or placebo in adolescent and adult patients with mild to moderate asthma

2007: An open label, single arm study to assess the safety and immunogenicity of a study medication administered subcutaneously over a period of 6 months to male and female adolescents and adults with moderate to severe persistent allergic asthma

2007: A study evaluating the effects of an investigational study drug in patients with mild to moderate asthma

2007: A pediatric study to assess the systemic exposure to investigational study medication in patients with Infant Wheezing

2006: Pediatric (6 to 14 yrs of age) A study to evaluate the efficacy and safety of chewable XXX when initiated at the start of the school year in pediatric patients with asthma

2005: Pediatric (6 to 14 yrs) study comparing the clinical effects of intravenous XXX with placebo in pediatric patients (ages 6 to 14 years) with acute asthma

2005: Pediatric (6-<12 years) study evaluating the efficacy, safety, pharmacokinetics and pharmacodynamics of XXX (XXX) in children with moderate-severe, persistent, inadequately controlled allergic asthma

2005: Adult (15 and up) study comparing the clinical effects of an investigational intravenous drug in patients with acute asthma.

2005: Phase three, pediatric (6–14 yrs) study comparing the clinical effects of an investigational intravenous drug in patients with acute asthma

2005: Pediatric (6–11) study evaluating the efficacy, safety, pharmacokinetics and pharmacodynamics of an investigational drug in children with moderate-severe, persistent, inadequately controlled allergic asthma

2004: Patients (age 4–11 years) to compare XXX vs. XXX in patients with activity induced bronchospasm

2004: Patients (age 12 years) evaluating the clinical effectiveness and long-term safety of XXX (XXX) in patients with moderate to severe asthma

2003: Patients (age 15–65 years) to evaluate the efficacy and safety of XXX vs. Placebo in patients with seasonal allergic rhinitis and concomitant asthma

2003: Patients (age 18–75 years) to test the safety and effectiveness of a new medication which is expected to reduce or diminish the inflammation of the airway in asthma patients

2003: Male patients (age 18–50) to assess the safety and efficacy of a non steroidal oral medication for mild to moderate asthma

2002: Patients (age 6–15) to assess the efficacy of a fixed combination metered dose inhaler product containing XXX and XXX

2002: Patients (age 6–11 years) to assess the efficacy of a fixed combination metered-dose inhaler product containing XXX and XXX

2002: Pediatrics (age 4-11) asthma study examined the efficacy and safety of an inhaled environmental safe propellant to be combined with XXX

2002: Pediatrics (age 4-11) asthma study examined the efficacy and safety of XXX to XXX propionate discus

2001: Pediatric asthma study compared a treatment period of XXX to a treatment period of XXX on the average rate of linear growth

2001: Pediatric asthma study examined the efficacy and safety of an inhaled corticosteroid (XXX) in the form of a nebulized treatment

2001: Pediatric patients enrolled into this study in order to test the use of XX medication

2001: Pediatric and Adolescent patients enrolled into this study in order to evaluate the natural history and epidemiology of asthma in patients with severe asthma

2000: Study compared the use of XXX and XXX in pediatric patients with mild to moderate asthma

1999: Study on asthmatic adolescents and adults in the long term us of XXX

1999: Study on asthmatic children ages 6–47 months using XXX

1999: Treatment of asthmatic adolescents with XXX

Attention Deficit/Hyperactive Disorder (ADHD)

2012: A Phase 3, Double-Blind, Randomized, Multi-center, Placebo-Controlled, Dose-optimization Study Evaluating the Safety, Efficacy, and Tolerability of Once-daily Dosing with Extended-Release XXX in Adolescents Aged 13-17 years Diagnosed With Attention Deficit / Hyperactivity Disorder (ADHD)

2001: Child/Adolescent Attention Deficit Hyperactivity Disorder (ADHD) patients who also suffer from Allergic Rhinitis enrolled in order to examine the correlation between ADHD and Allergic Rhinitis

2001: Adolescent Attention Deficit Hyperactivity Disorder patients enrolled in order to test the effectiveness of an extended-release psycho-stimulant medication

Atopic Dermatitis

2015: An Open-Label, Drug-Drug Interaction Study to Examine the Effects of XXX on the Pharmacokinetics of Selected Cytochrome P450 Substrates in Adult Patients with Moderate to Severe Atopic Dermatitis

2009: A Multi-Center, Double-Blind, Randomized, Vehicle-Controlled, Parallel-Group Study Comparing XXX Ointment 0.1% To XXX (XXX) Ointment 0.1% And Both Active Treatments To a Vehicle Control in the Treatment of Atopic Dermatitis

2004: Patients (age 3–35 mo) to evaluate the safety of a topical corticosteroid cream in children with atopic dermatitis

2004: Patients (age 3 mo–5 yrs 11 mo) to assess the potential of XXX cream and ointment in children with moderate to severe atopic dermatitis

Autism

2013: A Phase IV, Multicenter, Open-Label Study to Evaluate the Efficacy of High-Dose XXX in children on the Autism Spectrum (Investigator Initiated)

2013: A Multicenter, Randomized, Double-Blind, 12 Week, Parallel-Group, Placebo-controlled Proof of Concept Study to Investigate the Efficacy and Safety of XXX in Individuals with Autism Spectrum Disorders

2012: A Double Blind, Placebo-Controlled, Randomized Withdrawal Study of the Safety and Efficacy of XXX in Pediatric Patients with Autism, Asperger's Disorder, or Pervasive Developmental Disorder Not Otherwise Specified (PDD-NOS) Previously Treated with XXX

2012: An Open-Label Extension of the Safety and Tolerability of XXX in Pediatric Patients with Autism, Asperger's Disorder or Pervasive Developmental Disorder Not Otherwise Specified (PDD-NOS)

2012: An Open-Label study of the Safety and Tolerability of XXX in Pediatric Patients with Asperger's Disorder or Pervasive Developmental Disorder Not Otherwise Specified (PDD-NOS)

Cancer

2015: A Multicenter, Double-blind, Placebo-controlled, Adaptive Phase 3 Trial of XXX Polyvalent Melanoma Vaccine in Post-resection Melanoma Patients with a High Risk of Recurrence

2010: A Randomized, Controlled Phase III Study Investigating XXX Multipeptide Cancer Vaccine in Patients Receiving XXX as First-line Therapy for Advanced/Metastatic Renal Cell Carcinoma

1998: United States Department of Defense grant—The role of Cdk6 in integration of cell signaling and cell cycle networks in human breast cancer cells

1998: NIH R21—"Cdk6: mediator of cell signaling, growth and death."

1997: Susan G. Komen Breast Cancer Foundation grant entitled "The role of D-type cyclins in human cancer"

Cardiovascular

2012: A Multicenter, Randomized, Double-blind, Placebo-Controlled, 8-Week Study to Evaluate the Safety and Efficacy of XXX and XXX Given as a Fixed‐Dose Combination in Patients with Stage 1 or 2 Essential Hypertension

Chronic Obstructive Pulmonary Disease

2015: A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter, Efficacy and Safety Trial of 12 Weeks of Treatment with XXX in Patients with COPD

2015: A Randomized, Double-Blind, Parallel Group 24 Week Placebo-Controlled Efficacy and Safety Study with a 28 Week Long Term Extension, of Nebulized XXX (FP) /XXX (FF) Combination Compared with FP and FF Monotherapy in Patients with COPD

2015: A Phase 3, 12-week, Randomized, Double−Blind Placebo-Controlled Parallel Group Study of XXX in Subjects with Chronic Obstructive Pulmonary Disease

2013: Double-Blind, Randomized, Placebo-Controlled, Parallel-Group, Phase IV Study to Evaluate the Effect of XXX on Long-Term Cardiovascular Safety and COPD Exacerbations in Patients with Moderate to Severe COPD

2009: A Randomized, Double-Blind, Controlled, Parallel-Group, 12-Week Treatment Study to Compare the Efficacy and Safety of the Combination of XXX XX µg Once Daily with Open Label XXX XXµg Once Daily Versus Open Label XXX XXµg Once Daily in Patients with Moderate-to-Severe Chronic Obstructive Pulmonary Disease

2009: A 52-week Efficacy and Safety Study to Compare the Effect of Three Dosage Strengths of XXX/XXX Inhalation Powder with XXX on the Annual Rate of Exacerbations in Subjects with Chronic Obstructive Pulmonary Disease (COPD)

2007: A phase IIIb exacerbation clinical trial to compare the effect of two inhaled medications given twice-daily in COPD patients

2006: Adult (18 yrs and up) study to assess the efficacy and safety study of an investigational asthma inhaler compared to XXX & placebo in COPD patients

Chronic Idiopathic Demyelinating Polyneuropathy

2013: Randomized, Multicenter, Double-Blind, Placebo-Controlled, Parallel-Group Phase III Study to Investigate the Efficacy, Safety, and Tolerability of 2 Different Doses of XXX (Subcutaneous Immunoglobulin) for the Treatment of Chronic Inflammatory Demyelinating Polyneuropathy (CIDP)

Chronic Idiopathic Urticaria

2015: A Phase IV, Multicenter, Randomized, Double-Blind Placebo-Controlled Study to Evaluate the Efficacy and Safety of xxx Through 48 Weeks in Patients with Chronic Idiopathic Urticaria

Depression

2012: A Double Blind, Randomized, Placebo-Controlled, Parallel Group Dose Frequency Study of XXX in subjects with Treatment-Resistant Depression. (Phase 1)

Dermatology

2004: Patients (age 18 years and above) to compare the efficacy of continuous vs intermittent XXX therapy in subjects with psoriasis

2004: Patients (age 13–17 years) to compare the efficacy and safety of topical application treatment with oral XXX in patients with secondarily infected skin lesion

Device

2013: Phase 1B, Multicenter, Randomized, Open-Label, Parallel-Group Study to Characterize the Pharmacokinetics of a Single Dose of XXX 125 mg Administered Subcutaneously Using the XXX or the XXX

2013: A Study of the Clinical Accuracy of the Braun XXX Thermometer to Show Substantial Equivalency of the XXX XXX Thermometer with XXX When Compared to XXX XXX Thermometer

2009: A Multicenter Study Conducted to Support CLIA Waiver for the XXX Influenza A&B Test Using Nasal Swabs

Diabetes

2013: A Randomized, Placebo-Controlled Dose-Escalation Study to Assess the Safety and Tolerability of a Single Intravenous Infusion of XXX in Patients with Type 2 Diabetes Sub-optimally Controlled on XXX

2012: A Randomized, Placebo-Controlled Dose-Escalation Study to Assess the Safety and Tolerability of a Single Intravenous Infusion of XXX in Patients with Type 2 Diabetes

2009: A Randomized Double-Blind, Placebo-Controlled Clinical Trial to Assess the Effects of XXX (XXX) on Cardiovascular Outcomes in Subjects with Inadequately Controlled Type 2 Diabetes and Established Cardiovascular Disease

2007: A clinical trial of evaluating a medication for C-reactive protein reduction in early treatment of Type 2 Diabetes

Ear/Nose/Throat

2007: A phase II clinical trial to evaluate the safety of an inhaled solution in post-surgical subjects with Chronic Sinusitis

2006: Adult (18 yrs and up) A Qualitative Study of the Cardinal Symptoms in Patients with Chronic Sinusitis

2006: Pediatric (6-18 years) study of a nasal spray used for the treatment of nasal polyps

2004: Pediatric study comparing the safety of two investigational drugs in the treatment of children with tinea capitis

2003: Patients (age 6 months–5 years) to evaluate the clinical response at the end of therapy in infants and children who have recurrent and/ or persistent acute otitis media

2002: Subjects 1 year and older tested the effectiveness and safety of an antibiotics ophthalmic solution for treatment of pink eye

2002: Patient age 6 years and under, evaluated the effectiveness of an antibiotic otic solution in the treatment of mucus and pus like ear infections in children with ear tubes

Gastroenterology

2012: A Phase 2 Open-Label, Multicenter, 4-Week Study to Assess the Safety and Effectiveness of Daily Oral Administration of XXX Delayed-Release Capsules for Relief of Heartburn, in Adolescent Subjects Aged 12 to 17 Years With Symptomatic Non-Erosive Gastroesophageal Reflux Disease

2012: A Phase 2 Multicenter, 36-Week Study to Assess the Safety and Effectiveness of Daily Oral Administration of XXX Delayed-Release Capsules for Healing of Erosive Esophagitis and Maintenance of Healed Erosive Esophagitis and Relief of Heartburn, in Adolescent Subjects Aged 12 to 17 Years

2009: An Efficacy and Safety Study of XXX (XXX) in the Treatment of Eosinophilic Esophagitis in Subjects Aged 5 to 18 Years

2009: An Open-Label Safety and Efficacy Study of XXX (XXX) for the Treatment of Pediatric Subjects with Eosinophilic Esophagitis Who Completed Study XXX

2009: A Multicenter, Double-blind, Randomized, Placebo-controlled, Parallel Group, Withdrawal Study to Evaluate the Safety and Efficacy of Delayed-Release XXX in 1 to 11 Month Old Pediatric Subjects with Symptomatic/Erosive Gastroesophageal Reflux Disease

2009: A Multi-Center, Double-Blind, Parallel-Group Study to Evaluate Short-Term Safety and Efficacy and Long-term Maintenance of Two Dose Levels of XXX Delayed-Release Pediatric Bead Formulation in 1- to 11-Year-Old Pediatric Subjects with Endoscopically Proven GERD

2009: A Pharmacokinetic, Pharmacodynamic and Safety Study of Single and Multiple Doses of XXX in Pediatric Subjects with GERD 1 to 11 Months Old, Inclusive

2003: Female patients (age 18–65) to assess the safety and efficacy in the treatment of female subjects with severe diarrhea irritable bowel syndrome

Hereditary Angioedema

2015: A Multicenter, Randomized, Double-Blind, Placebo-Controlled Efficacy and Safety Study to Evaluate XXX For Long-Term Prophylaxis Against Acute Attacks of Hereditary Angioedema (HAE)

2015: A Phase 3, Randomized, Double-blind, Placebo-controlled, Two-period, Three-sequence, Partial Crossover Study to Evaluate the Efficacy and Safety of Subcutaneous Administration of xxx U of xxx for Injection for the Prevention of Angioedema Attacks in Adolescents and Adults with Hereditary Angioedema

Infectious Disease

2015: A Randomized Double-Blind Phase 2 Study Comparing the Efficacy, Safety, and Tolerability of Combination Antivirals (XXX) versus XXX for the Treatment of Influenza in Adults at Risk for Complications

2014: A Multi-Center, Double-Blind, Randomized Vehicle-Controlled, Parallel-Group Study to Compare XXX XXX, X% with XXX (XXX) Cream X% and both Active Treatments to a Vehicle Control In treatment of Recurrent Herpes Simplex Labialis

2013: A Phase III, Stratified, Randomized, Double-Blind, Multicenter, Non-Inferiority Study to Evaluate Safety and Immunogenicity of Cell-Based XXX Influenza Virus Vaccine and XXX Influenza Virus Vaccines in Subjects >/=4 Years to <18 Years

2013: Influenza A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multicenter Study Evaluating the Safety and Efficacy of XXX in Adult Subjects with Uncomplicated Influenza

2013: A Phase III Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Efficacy and Safety of XXX and XXX Plus XXX in the Treatment of Acute Uncomplicated Influenza

2011: A Phase III, Double-Blind, Randomized Study to Evaluate the Immunogenicity and Safety of XXX Influenza Vaccine Candidate, XXX (XXX), Compared to XXX Influenza Vaccine XXX Administered Intramuscularly to Children 3 to 17 Years of Age; and to Describe the Safety and Immunogenicity of XXX in Children 6-35 Months of Age

2009: A Pivotal Randomized, Single-Blind, Dose-Finding Study to Evaluate Immunogenicity, Safety and Tolerability of Different Formulations of an XXX and XXX, Inactivated Novel Swine Origin A/H1N1 Monovalent Subunit Influenza Virus Vaccine in Healthy Pediatric Subjects 3 to < 9 Years of Age

2008: A Phase II, Multicenter, Randomized, Placebo-Controlled Study To Evaluate The Efficacy and Safety Of Intramuscular XXX 600 mg In Subjects With Uncomplicated Acute Influenza

2007: An observational follow-up study of pediatric patients who participated in a previous Respiratory Syncytial Virus (RSV) – Induced Bronchioloitis study

2006: Pediatric (6months to 13 yrs of age) comparative study to evaluate the efficacy and safety of an investigative oral suspension antibiotic versus XXX oral solution, in children with Streptococcus pyogenes tonsillitis/ pharyngitis

2006: Adolescent/Adult (13 yrs and up) comparative study to evaluate the efficacy and safety of an investigative antibiotic, versus XXX, in patients with Streptococcus pyogenes tonsillitis/pharyngitis

2006: Adult (18 yrs and up) study comparing clinical outcomes of 2 antibiotics in patients with Community Acquired Lower Respiratory Tract Infections

2004: Phase III pediatric (3–24 mos) study comparing the effects of 2 doses of an investigational drug and placebo in the treatment of respiratory symptoms associated with respiratory syncytial virus- induced bronchiolitis

2004: Phase III adolescent/adult study, evaluating the safety and efficacy of an investigational drug versus XXX in the treatment of patients with tonsillitis and/or pharyngitis secondary to streptococcus pyogenes.

2004: Patients (age 12 years and older) to assess the efficacy and safety of XXX administered either fixed or adjustable vs a fixed regimen of XXX

2002: Toddlers (age 1–3) asthma study examining the efficacy and safety of an inhaled environmental safe propellant to be combined with XXX

2002: Pediatrics (age 6-18 months) investigational influenza vaccine trial as a nasal spray administration product

2001: Adolescent (age 7-12) study evaluated the clinical efficacy of an investigational medication in the treatment of viral respiratory infection

2001: Pediatric (age 1-6) study evaluated the clinical efficacy of an investigational medication in the treatment of viral respiratory infections

2000: Pediatric and Adolescent observational study of XXX in patients with various infections

1999: Influenza study in healthy adolescent and adult patients

1998: Influenza study—healthy pediatric patients

1998: Influenza study—pediatric patients with asthma

Lupus Nephritis

2012: A First-In-Human, Ascending-Dose Study To Assess the Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics of XXX After Single and Multiple Dose Administration in Subjects with Stable Proliferative Lupus Nephritis and Persistent Proteinuria (Phase 1)

Migraine

2015: A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study of XXX in Patients with Episodic Migraine

2011: A Multicenter, Double-blind, Randomized, Placebo-controlled, 4-Armed Parallel Group Study to Evaluate the Efficacy of XXX X-, X- and X-mg Nasal Spray in the Treatment of Acute Migraine Headache in Adolescents

2010: A Worldwide, Randomized, Double Blind, Placebo-Controlled, Parallel Group Clinical Trial to Evaluate the Safety and Efficacy of XXX for the Acute Treatment of Migraine in Children and Adolescents

2010: A Worldwide, Open Label, Clinical Trial to Examine the Long Term Safety and Tolerability of XXX in Pediatric Migraineurs for the Treatment of Migraine With or Without Aura

2005: Adolescent (12–17) long-term study to determine the safety of an investigational study drug in the treatment of migraines

2005: Adolescent (12–17) study comparing the safety and efficacy of an investigational drug in migraine prophylaxis

2003: Adolescents (age 12–18) to assess the safety and effectiveness of an already approved medication for the use in adolescents who suffer from migraines

Multifocal Motor Neuropathy

2009: A Randomized, Double-Blind, Placebo Controlled, Cross-over Study of the Effectiveness of Immune Globulin Intravenous (Human), XX% (XXX%) for the Treatment of Multifocal Motor Neuropathy

Multiple Sclerosis

2013: A Double-Blind, Placebo-Controlled, Single Ascending Intravenous Infusion Study of XXX in Patients with Multiple Sclerosis (Phase 1)

2013: A multinational, multicenter, randomized, double-blind, parallel-group, placebo controlled study followed by an active treatment period, to evaluate the efficacy, safety and tolerability of two doses of oral administration of xxx (x mg/day or x mg/day) in subjects with relapsing remitting multiple sclerosis (RRMS).

2012: A Phase 1/2 Randomized, Dose-finding Study of XXX in Subjects with Relapsing-Remitting Multiple Sclerosis

2011: A Multicenter, Single-Arm, Open-Label, Study to Evaluate the Immunogenicity and Pharmacokinetics of XXX High Yield Process (DAC HYP), Prefilled Syringe Administered by Subcutaneous Injection in Subjects With Relapsing-Remitting Multiple Sclerosis

2010: A Randomized, Blinded, Placebo-Controlled, Serial Cohort, Multiple Ascending Dose Study of the Safety, Tolerability, and Pharmacokinetics of XXX in subjects with Multiple Sclerosis (Phase 1).

2010: A multinational, multicenter, randomized, parallel-group study performed in subjects with Relapsing-Remitting Multiple Sclerosis (RRMS) to assess the efficacy, safety and tolerability of XXX injection 40 mg/ml administered three times a week compared to placebo in a double-blind design

2007: A multinational, multicenter, randomized, double-blind, parallel-group, placebo-controlled study, to evaluate the safety, tolerability and efficacy of daily oral

administration of XXX X mg in subjects with relapsing remitting multiple sclerosis (RRMS)

Primary Immunodeficiency Disorders

2015: An Investigator Driven Observational Study to Determine the Benefit of XXX 5% for Treatment of Patients Diagnosed with Primary Immunodeficiency Disorders (PID) on IntraVenous ImmunoGlobulin (IVIG) Therapy that Experience Adverse Events (AEs) on Any 10% IVIG Preparation

2015: A Two Cohort, Open-Label, Prospective, Multicenter Study of the Safety, Tolerability, efficacy and Pharmacokinetics of XXX 10% in Subjects with Primary Immunodeficiency Diseases

2014: Clinical study to evaluate the efficacy, pharmacokinetics, and Safety of Immunoglobulin intravenous (human) 10% (xxx) in patients with primary immunodeficiency diseases. Non-interventional 2 armed study to evaluate the safety of xxx immune globulin intravenous (human) 5% Liquid preparation, with a special emphasis on monitoring, analysis and reporting of thromboembolic events (TEEs)

2014: A Phase III, Multicenter, Open-label, Randomized, Two-Period, Crossover Bioequivalence Study to Evaluate the Pharmacokinetics, Safety, and Tolerability of XXX and XXX in Primary Immunodeficiency Diseases.

2013: Non-Interventional 2 Armed Study to Evaluate the Safety of XXX with a Special Emphasis on Monitoring, Analysis and Reporting of Thromboembolic Events (TEEs)

2013: Clinical Phase III Study to Evaluate the Pharmacokinetics, Efficacy, Tolerability and Safety of Subcutaneous Human Immunoglobulin (XXX 16.5%) in Patients with Primary Immunodeficiency Diseases

2013: An Open Label, Multicenter Study to Evaluate the Pharmacokinetics, Efficacy and Safety of XXX (IVIG) in Subjects with Primary Immunodeficiency (PIDD)

2013: A Clinical Study of Immune Globulin Subcutaneous (Human), XX% Solution (IGSC, XX%) for the Evaluation of the Efficacy, Safety, Tolerability, and Pharmacokinetics, in Subjects with PID

2012: A Phase IV, Multicenter, Open-Label Study to Evaluate the Efficacy, Safety and Pharmacokinetics of XXX in Primary Immunodeficiency Diseases in Children and Adolescents

2012: An Open-label, Single-Sequence, Crossover Study to Evaluate the Steady-State Trough IgG Concentration, Safety and Tolerability of Subcutaneous XXX in Pediatric Subjects with Primary Immunodeficiency

2011: Tolerability, Safety and Administration Mode Evaluation of XXX Facilitated Subcutaneous Treatment with Immune Globulin Infusion (Human), 10% in Subjects with Primary Immunodeficiency Diseases – A Study in North America

2011: A Phase IV, Multicenter, Open-Label Study to Evaluate the Efficacy, Safety and Pharmacokinetics of XXX in Primary Immunodeficiency Diseases (PID) in Children and Adolescents

2010: Long-Term Tolerability and Safety of Immune Globulin Subcutaneous (IGSC) Solution Administered Subcutaneously Following Administration of XXX (XXX) in Subjects with Primary Immunodeficiency Diseases

2009: Efficacy, tolerability and pharmacokinetic comparison of immune globulin intravenous (human), XXX% (XXX) administered intravenously or subcutaneously following administration of (XXX) in subjects with primary immunodeficiency diseases

2009: Clinical Study to Evaluate The Efficacy, Pharmacokinetics and Safety of Immunoglobulin Intravenous (Human) XX% (XXX) in Patients With Primary Immunodeficiency Diseases

2008: Tolerability and pharmacokinetic comparison of immune globulin intravenous (human), XX% (XXX%) administered intravenously or subcutaneously in subjects with primary immunodeficiency diseases

2008: Open Label, Phase III Safety, Efficacy, and Pharmacokinetic Study of XXX-IGIV XX% [Immune Globulin Intravenous (Human)] in Subjects with Primary Immune Deficiency Disorders (PIDD)

2007: Determination of the dose of investigational medication required enabling up to XXX mg/kg of IGIV, XX% to be administered subcutaneously in a single infusion site in patients with Primary Immunodeficiency Disease

2007 A phase III study of the efficacy, tolerability, safety, and pharmacokinetics of immune globulin subcutaneous in subjects with Primary Immunodeficiency (PID)

2006: A clinical study of the Pharmacokinetics, efficacy and safety of Immune Globulin Intravenous (Human) in patients (3-70 yrs) with P.I.D.

2006: An extended clinical research study to assess the safety and efficacy of immunoglobulin intravenous 10% in patients (3-70 yrs) with P.I.D.

2004: A clinical research study to assess the safety and efficacy of immunoglobulin intravenous 10% in patients (3–70 yrs) with P.I.D.

2004: A clinical research study to assess the safety and efficacy of immunoglobulin intravenous 12% in patients (3–70 yrs) with P.I.D.

2002: A study to assess the safety and efficacy of Immune Globulin Intravenous 10% in subjects >24 months of age with P.I.D.

Psychiatric Disorders

2012: An Open-Label, Multicenter, Single and Multiple Ascending Dose Study to Evaluate Pharmacokinetics, Safety, and Tolerability of XXX in Subjects from 6 to 17 years old with Schizophrenia Spectrum, Bipolar Spectrum, Autistic Spectrum Disorder, or Other Psychiatric Disorders. (Phase 1).

Rheumatoid Arthritis

2014: A Double-Blind, Randomized, Parallel-Group, Active-Control Study to Compare the Efficacy and Safety of XXX Versus XXX in Subjects With Rheumatoid Arthritis and Inadequate Response to Treatment With XXX

Urology

2012: A Placebo and Active-Comparator Controlled Multiple-Dose Study to Evaluate the Pharmacokinetics and Pharmacodynamics of XXX in Patients with Overactive Bladder

Vaccine

2014: A Phase I Randomized, Double-Blind, Placebo-Controlled, Dose-Escalation Study to Evaluate the Safety, Tolerability and Immunogenicity of the XXX Vaccine (XXX) in Healthy Adults

2011: Safety and Immunogenicity of XXX (Diphtheria and Tetanus Toxoids and Acellular

Pertussis Vaccine Adsorbed Combined with Inactivated Poliovirus Vaccine) Compared to XXX (Diphtheria and Tetanus Toxoids and Acellular Pertussis Vaccine Adsorbed) + XXX (Poliovirus Vaccine Inactivated) as the 5th Dose in Children 4 to 6 Years of Age.

2009: A Phase 3b, Open-Label, Randomized, Parallel-Group, Multi-Center Study to Evaluate the Safety of XXX Vaccine when Administered with Routine Infant Vaccinations to Healthy Infants

2009: A Phase 1/2a, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Safety, Tolerability, Immunogenicity, and Viral Shedding of XXX, a Live Attenuated Intranasal Vaccine Against Respiratory Syncytial Virus in Healthy 1 to <24 Month-Old Children

2008: A Phase 3, Open-Label, Randomized, Multi-Center Study to Evaluate the Safety and Immunogenicity of XXX Vaccine When Administered Concomitantly with XXX Conjugate Vaccine to Healthy Toddlers

2008: A Multicenter Study Conducted during the 2008-2009 Respiratory Syncytial Virus Season to Evaluate XXX® RSV Test as a Qualitative Assay to aid in the Diagnosis of Respiratory Syncytial Virus Infection

2008: A Phase 3, Randomized, Observer-blind, Multi-Center Study to Compare the Safety and Immunogenicity of One Dose of XXX Conjugate Vaccine with One Dose of Licensed XXX Conjugate Vaccine (XXX) Administered to Healthy Children 2-10 Years of Age

2007: A phase III, randomized, active-control, double-blind trial evaluating the safety, tolerability and immunogenicity of a pediatric XXX vaccine in healthy infants given with routine pediatric immunizations in the United States

2006: Adolescent (11 to 18 yrs of age) A study to evaluate the safety and immunogenicity of an investigational vaccine co-administered intramuscularly with the XXX vaccine and/or XXX vaccine according to different dose schedule combinations as compared to the investigational vaccine, XXX or XXX alone in healthy female subjects aged 11- 18 years

2006: Pediatric (2months) study comparing safety, tolerability and immunologic noninferiority of an investigational vaccine, in conjunction with routine pediatric vaccinations in the United States

2005: Pediatric (4 to 6 yrs) study evaluating the safety and immunogenicity of XXX administered as a 5th dose in children previously immunized with XXX or XXX

2005: Pediatric (4–6 yrs) study to determine the safety and immunogenicity of an investigational combination vaccine, when administered as a 5th does in this age group

2004: Patients (age 10–17 years) to evaluate the immunogenicity and safety of HSV vaccine in female subjects

2003: Patients (age 2 months) to study the safety of the rotavirus vaccine and the vaccine's ability to prevent the rotavirus disease

2003: Patients (age 2 weeks) to assess the safety and immunogenicity (the body's ability to develop immunity against a disease) of an investigational formulation of a XXX vaccine in healthy infants in their first 2 weeks of life

2003: Patients (age 15 months) evaluating the administration of XXX vaccine for the immunization of children against hepatitis A at 15 months of age

2001: Patients (age 12 months to 8 years) study evaluated rates of seroconversion following a XXX vaccine in infants/children treated with asthma therapy

2001: Healthy infants enrolled into an immunization study in order to test various combination vaccines

2001: Healthy Pediatric and Adolescent patients enrolled into this XXX vaccine study

2001: This study tested the efficacy and safety of a XXX vaccine for newborns