

CURRICULUM VITAE

Roger H. Kobayashi, M.D.

- Business Address:** Allergy, Asthma & Immunology Associates (Private practice)
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(402) 391-1800 Fax (402) 391-1563 email: RHK.immunology@gmail.com
- Education:**
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| 6/1969 | University of Nebraska, Lincoln, Nebraska, B.A. (Pre-Med/Economics) |
| 9/69-6/73 | University of Hawaii Medical School, Honolulu, Hawaii |
| 6/72-5/75 | University of Hawaii Graduate School, Honolulu, Hawaii, M.S. (Physiology) |
| 9/74-4/75 | UCSD School of Medicine & UCLA School of Medicine |
| 7/73-5/75 | University of Nebraska College of Medicine, Omaha, Nebraska, M.D. |
- Academic Positions:**
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| 6/75-7/76 | <u>Pediatric Intern</u> , University of Southern California School of Medicine, Los Angeles, California |
| 7/76-7/77 | <u>Pediatric Resident</u> , University of Southern California School of Medicine, Los Angeles, California |
| 7/77-12/79 | <u>Fellowship</u> , Pediatric Immunology & Allergy, UCLA School of Medicine, Los Angeles, California |
| 1/80-6/84 | <u>Assistant Professor of Pediatrics</u> and <u>Medical Microbiology</u> , University of Nebraska College of Medicine, Omaha, Nebraska |
| 1/80-9/88 | <u>Director</u> , Division of Allergy and Immunology, Department of Pediatrics, University of Nebraska |
| 7/84-9/88 | <u>Associate Professor of Pediatrics</u> , University of Nebraska College of Medicine |
| 7/85-9/88 | <u>Associate Professor of Pathology and Medical Microbiology</u> , University of Nebraska College of Medicine |
| 9/88-1/90 | <u>Associate Professor of Pediatrics</u> , UCLA School of Medicine, Los Angeles, CA |
| 1/90-6/95 | <u>Assoc Clinical Prof of Pediatrics</u> UCLA School of Medicine, Los Angeles, CA |
| 6/95-present | <u>Clinical Prof of Pediatrics</u> UCLA School of Medicine, Los Angeles, CA |
| 9/16-present | <u>Lecturer</u> Military Medical University, Hanoi, Vietnam |
- Awards:**
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| 1971 | National Institute of Mental Health Summer Fellowship, University of Hawaii |
| 1972 | National Science Foundation Summer Fellowship, University of Hawaii |
| 1973 | University of Hawaii Department of Physiology Summer Fellowship |
| 1979 | American Academy of Allergy Travel Grant Award |
| 1986 | <u>Associate Professor with Tenure</u> University of Nebraska |

- 1987 Finalist, Congressional Science Fellow in Child Development.
- 2006 Certificate of Appreciation. Vietnam Ministry of Health. Hue Hematology and Blood Transfusion Center. Presented at the Vietnam National Scientific Congress on Hematology and Blood Transfusion. Internationally Coordinated. Hue, Vietnam. June 7 – 9, 2006.
- 2009 Volunteer Award Patient Advocacy: Immune Deficiency Foundation Presented Orlando, Florida June 2009
- 2015 AAAAI 2015 Training Program Volunteer Clinical Faculty Award UCLA
- 2015 Vietnamese Medical Association Certificate of Appreciation Annual Meeting Hanoi, Vietnam 27 Sept. 2015
- 2016 AAAAI Outstanding Volunteer Clinical Faculty Award [unanimous approval] Presented at the Annual Meeting of the AAAAI, March 2016 Los Angeles, CA.
- 2016 Honorary Lecturer. Military Medical University. 22 Sept. 2016. Hanoi, Vietnam. Maj. General & Chancellor Do Quyet.
- 2016 Certificate of Recognition. Vietnamese Medical Association. Presented at the Annual Meeting of Vietnamese Medical Association Meeting by Former V. Minister of Health Prof. Pham Manh Hung. Hanoi, Vietnam 23 Sept. 2016.

Certification: 1976 National Board of Medical Examiners (#152229)
 1980 American Board of Pediatrics (#25310)
 1981 American Board of Allergy and Immunology(#2166)

Membership:
National Organizations

- 2018 Board of Trustees University of Nebraska Foundation.
 Burnett Society [Member]
- 2014-present Consortium of Independent Immunology Clinics [Executive Comm;
 Negotiating Team; Chairperson Patient Advocacy & Legis-

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| 2014-present | lative Committee] |
| 2013-2017 | Clinical Immunology Society [Communications Committee] National Council of Asian & Pacific Islanders Physicians [Board Member] |
| 2013-present | National Physicians Biologic Working Group [Board of Directors] |
| 2007-2011 | Board of Directors [treasurer] Plasma Alliance Washington, D.C. |
| 2005-present | Advisory Panel, Primary Immunodeficiency Consortium, U.S. Immunodeficiency Network, Washington, D.C. |
| 2002-2005 | Swarthmore College, President's Parent Advisory Board |
| 2000-2006 | University of Nebraska Alumni Assoc. (National Board of Directors) |
| 1997-present | Immune Deficiency Foundation (National Expert Consultant on Immune Diseases) |
| 1992-present | Clinical Immunology Society |
| 1984-present | Section on Chest Diseases, American Academy of Pediatrics |
| 1984-present | American Society for Microbiology |
| 1982-present | Section on Allergy and Immunology (Abstract Book Committee), American Academy of Pediatrics |
| 1981-present | American Federation for Clinical Research |
| 1978-present | American Academy of Allergy and Immunology |
| 1978-present | American Academy of Pediatrics |

State/Local Organizations

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| 1981-present | Nebraska Allergy Society (President 1981-1984 and co-founder) |
| 1981-1990 | Nebraska Chapter, American Academy of Pediatrics (Secretary-Treasurer 1985-1988; Executive Committee 1985-1988, AIDS Committee 1987, Education Committee 1987-1988, Public Relations Committee, Chm. 1990) |
| 1980-1988 | American Lung Assoc. of Nebraska (Board of Directors 1980-1985) |
| 1980-1988 | Nebraska Thoracic Society |
| 1980-1988 | Arthritis Foundation, Nebraska Chapter |
| 1981-1988 | Research Committee - American Lung Assoc. of Nebraska |
| 1982-1983 | Program Committee - American Lung Assoc. of Nebraska |
| 1982-1984 | Clinical Grant Review Committee - Nebraska State Legislative Smoking Grants |
| 1985-1988 | Medical Advisory Board-Visiting Nurses Assoc of Omaha |

University Organizations

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| 1983-1988 | Immunobiology Council (Executive Committee) -University of Nebraska System |
| 1981-1988 | Graduate College (Fellow) - University of Nebraska System |

Committees:

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| 1988-1990 | Outpatient Quality Assurance Committee (Chairman) - Dept. of Pediatrics, UCLA School of Medicine, Los Angeles, CA |
| 1989-1990 | Student Award Committee, University of California, Los Angeles, CA |
| 1988 | Pediatric Specialty Clinic Planning & Finance Committee, Dept. of Pediatrics - Univ. of Nebraska Medical Center |
| 1986 | Seed Grant Review Committee (Research) (Chairman) - University of Nebraska Medical Center [Nebraska State Legislative Grant] |
| 1985-1986 | Study Section: Biomedical Communications -University of Nebraska Medical Center |
| 1982-1986 | Seed Grant Review Committee (Research) - University of Nebraska Medical Center |
| 1982-1988 | Chancellor's Commission on Rural Health - University of Nebraska Medical Center |
| 1982-1985 | Resident Research Committee (Chairman) - University of Nebraska Department of Pediatrics |
| 1981-1986 | Research Advisory Council - Univ. of Nebraska Medical Center |
| 1981-1987 | Continuing Education Committee, University of Nebraska Department of Pediatrics |
| 1981-1982 | Credentials Committee - University of Nebraska Hospital |

Professional Listing:

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| American Men & Women of Science | Best Physicians in America |
| Who's Who in America | Guide to America's Top Doctors |
| Who's Who in Medicine & Health Care | International Who's Who in Education |
| Who's Who in American Education | Marquis Medical Specialists |
| Who's Who in Frontier Science & Tech. | Consumer Council America's Top Physician in Allergy & Immunology |
| Who's Who of Emerging Leaders in America | |

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| Editorial Board: | New England and Regional Allergy Proceedings |
| Reviewer: | <u>Journal of the American Medical Association</u> |
| | <u>Journal of Pediatric Infectious Diseases</u> |
| | <u>American Family Physician</u> |
| | <u>Journal of Allergy & Clinical Immunology: In Practice</u> |

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| Consultant: | Quantum Health Resources-Orange, CA - 1991-95 |
| | Rare Antibody Antigen Supply, Agoura Hills, CA - 1996 - 2005 |
| | Shanghai Red Cross – Shanghai, China – 1996 - 2006 |
| | ZLB Biologics USA & Australia - 2002 - 2006 |
| | Sandoz Biologics Bern, Switzerland - 1996 - 2001 |
| | American Red Cross, Washington, D.C. - 2002 - 2006 |
| | Expert Panel on Immunodeficiency - Immune Deficiency Foundation - Washington, D.C. - 1998 - present |
| | Blood Safety Utilization Panel - Immune Deficiency Foundation - |

Washington, D.C. - 1998 - present
 Bayer Biologics [Talecris] , West Haven, CT - 1999 – 2006
 ADMA Biologics: 2013 – 2016
 Octapharma Biologics [Vienna, Austria/New Jersey: 2014 – present
 Baxter/Baxalta/Shire: 2014 -- 2018

Testimony:

- Hawaii State Legislature** – 1972 Expansion to a 4 year Medical School at the University of Hawaii
- United States Congress** – May 7, 1998 Subcommittee on Gov't Oversight: the Critical Shortage of IVIG
- Food & Drug Administration** –
 - RHKobayashi: Investigation into the Severe Shortages of Intravenous gammaglobulin.
 - J.Winkelstein, H.Ochs, RH Kobayashi: Recommendations for streamlining IVIG approval
 - RHKobayashi for Sandoz on IVIG and Renal Disease

Center for Medicare & Medicaid Services – Testimony on ASP for IVIG

Department of Health & Human Services – April 27 1998 Clinical Impact of Severe Shortages of Intravenous Gammaglobulin

Nebraska State Legislature – February 2007 on two legislative bills regarding undue Influence of Pharmaceutical Practices on Physician Prescriptions & Selling of Prescription Data to Pharmaceutical Companies

<http://www.nebraskalegislature.gov/FloorDocs/100/PDF/Transcripts/Health/2007-02-07.pdf>

Kansas State Legislature - December 14, 2020. Committee on Health & Human Services. Testimony on Immunologic Basis for Pediatric Acute Neuropsychiatric Syndrome

with

Reference to IVIG.

Publications:

1. Kobayashi RH: Rural medicine and family practice, *Nebr St Med J* 1975; 60(8):281-292. 1975
2. Lin YC and Kobayashi RH: Cardiovascular functions of the unanesthetized small Indian mongoose, *herpestes auropunctatus*. *Comp Biochem Physiol* 1976; 53A:375-379.
3. Kobayashi RH and Moore TC: Ovarian teratomas in early childhood. *J Ped Surg* 1978; 13(4):419-422.
4. Stiehm ER and Kobayashi RH: Present and future use of immunoglobulin in the newborn in

- Immunoglobulins: Characteristics and Uses of Intravenous Preparation, B.M. Alving and J.S. Finlayson (Editors). *DHHS Publ.*, 1980; Washington, pp 89-98.
5. Kobayashi RH, Rosenblatt HM, Byrne WJ, Ament ME, Carney JM, Mendoza GR, and Stiehm, ER: Candida esophagitis and laryngitis in children with chronic mucocutaneous candidiasis. *Pediatrics* 1980; 66(3):380-384.
 6. Saxon A, Kobayashi RH, Stevens R, Siegel SC, and Stiehm ER: Analysis in vitro of the immune defects that lead to antibody deficiency with normal serum immunoglobulin. *Clin Immunol Immunopath* 1980; 17:235-244.
 7. Kobayashi RH, Hyman CJ, and Stiehm ER: Immunologic maturation in a neonate born to a mother with agammaglobulinemia. *Am J Dis Chil* 1980; 134:942-944.
 8. Dudley JP, Kobayashi RH, Rosenblatt HM, Byrne WJ, Ament ME, and Stiehm ER: Candida laryngitis in chronic mucocutaneous candidiasis: Its association with Candida esophagitis. *Ann Otol Rhinol Laryngol* 1980; 80:574-575.
 9. Hachiya K, Kobayashi RH, Antonson DL: Candida esophagitis following antibiotic usage. *Pediatr Infec Dis* 1982; 1(3):168-170.
 10. Moyer N, Kobayashi RH, Cannon ML, Simon J, Rich K: Management of dental caries and abscesses in children with severe combined immunodeficiency. *Pediatric Dentistry* 1983; 5(1):79-82.
 11. Kobayashi RH: Single entity sustained-release theophylline preparation in young children. *J Asthma* 1983; 20(6):467-474.
 12. Kettelhut B, Kobayashi RH, and Pigelow C: Yolk sac carcinoma of the anterior mediastinum. *Neb Med Journ* 1983; 68(7):199-202.
 13. Kobayashi RH, Kettelhut BV, and Kobayashi AD: The effect of galactose on newborn neutrophil function. *Pediatr Infec Dis* 1983; 2(6):442-445.
 14. Fleming WF, Sarafian LB, Kobayashi RH: Prostaglandin E1 therapy: Is it associated with a higher incidence of wound infection in the cyanotic neonate? *CHEST* 1984; 85(2):241-243.
 15. Stohs SJ, El-Reshidly FH, Lawson T, Kobayashi RH, Wulf BJ: Changes in glutathione and glutathione metabolizing enzymes in humans erythrocytes and lymphocytes as a function of age of donor. *AGE* 1984; 7:3-7.
 16. Howard ML, Baldwin J, Kobayashi RH, and Jensen B: Serum theophylline levels: Serum theophylline levels in young children receiving sustained-release theophylline tablets. *J Asthma* 1984; 21(5):299-303.
 17. Hopp R, Kobayashi RH, Antonson DL: The problem of iron overload in children receiving multiple blood transfusion for the treatment of adenine deaminase deficient severe combined

- immunodeficiency. *Nebr Med J* 1985; 70(3):95-97.
18. Swigart S, Kobayashi RH, Baldwin J: An evaluation of a sustained-release Theophylline preparation in pre-school aged children. *J Asthma* 1985; 22(4):195-202.
 19. Disis ML, McDonald T, Colombo JC, Kobayashi RH, Angle CR, Murray S: Circulating immune complexes in cystic fibrosis. *Pediatric Research* 1986; 20(5):385-390.
 20. Kettlehut B, Kobayashi RH, Kobayashi AD: Treatment of asthma in infants and young children. *Nebr Med J* 1986; 71(8):295-300.
 21. Hershfield MS, Buckley RH, Greenberg ML, Melton AL, Schiff R, Hatem C, Kurtzberg J, Market ML, Kobayashi RH, Kobayashi AD, Abuchowski A: Treatment of adenosine deaminase deficiency with polyethylene glycol-modified adenosine deaminase (PEG-ADA). *N Engl J Med* 1987; 316(10):589-596.
 22. Kobayashi RH, Mellion M: Exercise-induced bronchospasm and exercise-induced anaphylaxis: *Office management of sports injuries and athletic problems*. M.B. Mellion, Ed. Hanley and Belfus, Inc., Philadelphia 1987, pp. 117-128.
 23. Wood B, Baldwin JN, Kobayashi RH: An evaluation of the risk of bronchospasm with intrapulmonary aerosolization of flunisolide. *Pediatric Asthma, Allergy & Immunol* 1987; 1(2):111-114.
 24. Trivedi R, Hopp RJ, Kobayashi RH, Townley R: Clinical allergy-immunology rounds: Failure to thrive and orocutaneous candidiasis in a 3 month old female. *Ann Allergy* 1987; 59(175):224-226.
 25. Beune K, White RJ, Kobayashi RH, Farrell C: Absence of humoral immunity to polio virus in individuals previously vaccinated with trivalent polio vaccine. *NE Med J* 1988; 73(2):40-44.
 26. Okano M, Thiele GM, Kobayashi RH, Davis JR, Synovec MS, Grierson HL, Jaffe HS, Purtilo DT: Interferon-gamma in a family with X-linked lymphoproliferative syndrome with acute Epstein-Barr virus infection. *J of Clin Immunol* 1989; 9:48-54.
 27. Kobayashi RH, Tinkelman DW, Reese M, Sykes S: Beclomethasone dipropionate aqueous nasal spray for seasonal allergy rhinitis in children. *Ann Allergy* 1989; 62(3):205-208.
 28. Kobayashi RH, Kobayashi AD, Lee N, Ochs HD, and Fischer S: Home administration of intravenous gammaglobulin in children with hypogammaglobulinemia. *Pediatrics* 1990; 85(5):705-709.
 29. Lubinsky MS, Kobayashi RH, Kadder F, Adickes EO: Arthrogryposis multiplex congenita from an auto-immune disorder of prenatal onset. *Pediatric Asthma, Allergy & Immunology* 1990; 4:57-63.
 30. Lee N, Kobayashi RH: Exercise-induced asthma and other related exercise syndromes. *The Team Physician's Handbook* (Mellion M, Walsh WM, Shelton GL eds.) Hanley & Belfus, Inc. Phil. PA. 1990; pp 202-209.

31. Wasserman R (Editor): IgG subclass deficiency: report of a symposium. *Pediatr Infect Dis J* 1990; 9(6):424-434.
32. Szalc CM, Sandhu H, Kobayashi RH, Glovsky MM: Respiratory failure in an unusual presentation of severe immunologic disease. *Ann Allergy* 1991; 66(2):115-120.
33. Kobayashi RH, Kobayashi AD, Lee N, Fischer S, Ochs H: The home administration of IVIG in children with primary immunodeficiency. In: Imback P. ed. *Immunotherapy with Intravenous Immunoglobulins*. London, England: *Academic Press* 1991:47-56.
34. Daly PB, Evans JH, Kobayashi RH, Kobayashi AD, Ochs HD, Fischer SH, Pirofsky B, Sprouse C: Home-based immunoglobulin infusion therapy: Quality of life, and patient health perceptions. *Ann Allergy* 1991;67:504-510.
35. Kobayashi RH, Mellion M: Exercise-induced asthma anaphylaxis urticaria. *Primary Care* 1991; 18(4):809-831.
36. Lee N, Kobayashi RH: Immunizations in the immunocompromised host: infections in immunocompromised infants and children; Patrick C.C. (Editor) *Churchill Livingstone*, New York, 1992, pages 741-750.
37. Ochs HD, Buckley RH, Kobayashi RH, Kobayashi AD, Sorensen RU, Douglas SD, Hamilton BL, Hershfield MS: Antibody responses to bacteriophage 0X 174 in patients with adenosine deaminase deficiency. *Blood* 1992; 80(5):1163-1171.
38. Szalc CM, Kobayashi RH, Stiehm ER: Immunization of egg allergic children. *Amer J Asthma Allergy Pediatr* 1992; 5:193-196.
39. Kobayashi RH, Mellion MB: Exercise-induced asthma. *Am Fam Physician* 1992; 45(6):2671-2677.
40. Kobayashi RH, Stiehm ER, Burgio PE: The use of IVIG, in Eichenwald H, Stroeder J. (ed). *Current Therapy in Pediatrics - 3*. M Mosby, St. Louis 1993; 590-599.
41. Chun JD, Lee N, Kobayashi RH, Chaffee S, Hershfield MS, Stiehm ER: Suppression of an antibody to adenosine-deaminase (ADA) in an ADA deficient severe combined immunodeficiency patient receiving polyethylene glycol modified adenosine-deaminase (PEG-ADA). *Annals of Allergy* 1993; Volume 70:462-466.
42. Plaeger-Marshall S, Hultin P, Bertolli J, O'Rourke S, Kobayashi RH, Kobayashi AD, Giorgi JV, Bryson Y, Stiehm ER: Activation and differentiation antigens on T-cells of healthy, at-risk, and HIV-infected children. *J Acquir Immune Defic Syndro* 1993;6:984-993.
43. Mellion MB, Kobayashi RH: Exercise-induced asthma. In: Mellion MB, Ed. *Sports Medicine Secrets* Henley & Belfus Inc., Philadelphia 1994;176-181.
44. Kobayashi RH, Kiechel F, Kobayashi AD, Mellion M: Topical nasal sprays in the treatment of allergic rhinitis. *Am Fam Physician* 1994;50:151-161.

45. Kay HD, Rasmussen S, Kobayashi RH: Human cord-blood granulocytes do not further modulate autologous natural killer cell activity *in vitro*. *Pediatr Asthma Allergy Immunol* 1994;8:29-38.
46. Kobayashi RH, Kobayashi AD, Mellion MB: What's new in exercise-induced asthma? *NE Med J* 1994;79:189-194.
47. Kornbrot B, Kobayashi RH, Singer A, Tempero M, Heiner DC: Sensitivity to therapeutic murine monoclonal antibodies. *NE Med J* 1994;79:393-398.
48. Kobayashi RH, Beaucher WN, Koeke JW, Luskin A, Ranson JH, Rosen JP, Sullivan MJ, Alderfer VB, Simpson B, Smith JA: Triamcinolone acetonide aqueous nasal spray for perennial allergic rhinitis: A randomized, placebo-controlled, double blind study. *Clin Therapeutics* 1995;17:503-513.
49. Kobayashi RH: Allergic reactions to vaccines. Systemic Reactions; Variant. F. (Editor) *Immunology and Allergy Clinics of North American*. WB Saunders Co. Philadelphia, PA. Vaccines. 1995;15:553-566.
50. Kobayashi RH, Stiehm ER: Uses of immunoglobulin, in *Clinical Practice of Transfusion Medicine (Third Edition)*. Petz LD, Swisher S, Kleinman S, Spence R, Strauss RG. Churchill Livingstone Inc. New York, NY. 1995;985-1010.
51. Kobayashi RH, Mellion M: Exercise-induced asthma & related problems. *Office Sports Med*, 2nd Edition. MB Mellion, Editor. Hanley & Belfus, Inc., Philadelphia 1995;139-149.
52. Kobayashi RH, Beaucher, WN, Koepke JW, et al. Triamcinolone acetonide aqueous nasal spray for the treatment of patients with perennial allergic rhinitis: A multicenter, randomized, placebo-controlled, double-blind study. *Clin Ther* 1995;17:503-13.
53. Skoner DP, Boltansky H, Kobayashi RH, Pearlman DS, Shapiro GG, Harrison JE, Trochelman LM: Extended release albuterol sulfate in children with bronchial asthma. *Annals of Allergy* 1996;76:462-468.
54. Kobayashi RH, Kobayashi AD: Exercise-induced bronchospasm: The Team Physicians Handbook, 2nd Edition. Mellion M, Walsh WM, Shelton GL, Editors. Hanley & Belfus, Inc., Philadelphia 1996;315-324.
55. Koepke JW, Beacher WN, Kobayashi RH, Ransom JH, Rosen JP, Feiss G, Furst JA, Simpson B, Smith, JA: Long-term safety and efficacy of triamcinolone acetonide aqueous nasal spray for the treatment of perennial allergic rhinitis. *Allergy & Asthma Proc* 1997;18:33-37.
56. Schenkel EJ, Gross G, Jacobson K, Kobayashi RH, Settupane G, Alderfer V, Simpson BE, Smith JA. A placebo controlled, double-blind study of triamcinolone acetonide aqueous nasal spray in pediatric patients with spring grass seasonal allergic rhinitis. *Pediatric Asthma, Allergy & Immunology* 1997;11:129-136.
57. Hayden FG, and the GG 167 Influenza Group: Efficacy and safety of the neuraminidase inhibitor, Zanamivir, in the treatment of influenza virus infections. *New Engl J Med* 1997;337:874-880.

58. Stiehm ER, Casillas AM, Finkelstein JZ, Gallagher KT, Gromcy PM, Kobayashi RH, Oleske JM, Roberts RL, Sandberg ET, Wakim ME. Slow subcutaneous human intravenous immunoglobulin in the treatment of antibody immunodeficiency: Use of an old method with a new product. *J Allergy Clin Immunol* 1998;101:848-9.
59. Seyama K, Kobayashi RH, Hasle H, Apter AJ, Rutledge JC, Rosen D, Ochs HD. Parvovirus B19-induced anemia as the presenting manifestation of X-linked hyper-IgM syndrome. *J Infect Dis* 1998;178:318-24.
60. Ziegner UHM, Kobayashi RH, Cunningham-Rundles C, et al: Progressive neurodegeneration in patients with primary immunodeficiency disease on IVIG treatment. *Clin Immunol. Clin Immunol* 2002;102:19-24.
61. Kobayashi RH, Kobayashi AD: Exercise-induced bronchospasm. *Team Physicians Handbook (3rd Edition)*, Mellion M (Ed) Hanley & Belfus Inc. Philadelphia 2002 pp 287-293.
62. Kobayashi RH, X-linked lymphoproliferative syndrome. In *NORD Guide to Rare Diseases 2003*;p400. E.S. Gruson (ed). Lippincott, Williams & Wilkins. Philadelphia.
63. Kobayashi RH, Hyper-IgM Syndrome (immunoglobulin deficiency with IgM. In *NORD Guide to Rare Diseases 2003*; pp393-394. E.S. Gruson (ed). Lippincott, Williams & Wilkins. Philadelphia.
64. Kobayashi RH, Common Variable Immunodeficiency. . In *NORD Guide to Rare Diseases 2003*;pp13-14. E.S. Gruson (ed). Lippincott, Williams & Wilkins. Philadelphia.
65. Kobayashi RH. X-linked Agammaglobulinemia. In *NORD Guide to Rare Diseases 2003*;pp360-361. E.S. Gruson (ed). Lippincott, Williams & Wilkins. Philadelphia.
66. Winkelstein JA, Marino M, Ochs HD and the Hyper-IgM Group. The X-linked Hyper-IgM Syndrome: Clinical & Immunologic Features of 79 Patients. *Medicine* 2003;82:37-38.
67. Halsey NA, Pinto J and the Polio Project Team: Search for polio virus carriers among people with primary immunodeficiency diseases in the United States, Mexico, Brazil, and the United Kingdom. *Bull World Health Organization*. 2004;82:3-8.
68. Ochs HD, Pinchiaro M, Melvin Berger; Neil Kao; Jeffrey Kishiyama; Roger Kobayashi; William Shearer; Suzanne Skoda-Smith; William Smits; Mark Stein. "Octagam 5% an intravenous IgG product is efficacious and well tolerated in subjects with primary immunodeficiency diseases. *J Clin Immunol* 2004;24:309-314.
69. Gelfand E, Hanna K and the IVIG-C Increased Maximum Infusion Rate Study Group. *J Clin Immunol* 2006; 26:284-290.
70. Tcheurekdjian H, Martin J, Kobayashi RH, Wasserman R, Hostoffer R. Intrinfusion and postinfusion adverse events related to intravenous immunoglobulin therapy in immunodeficiency states. *Allergy Asthma Proc*. 2006; 27:532-536.
71. Sorensen R et al. Commentary. Expert Opinion Regarding Clinical and Other Outcome Considerations in the Formulary Review of Immune Globulin. *J Managed Care Pharmacy* 2007;

13:278-283.

72. Levi, A, Kobayashi RH, Kobayashi AD: Oral Immunoglobulins for the treatment of acute rotavirus infections. *Pediatrics* 1996; 96:410.
73. Malhoutra G, Kobayashi RH, Poole J: Absence of Mannose Binding Lectin in a female of relapsing-remitting multiple-sclerosis. *Israeli Medical Assoc. Journal* 2012; 14:33-34.
74. Lindau RH, Su YB, Kobayashi RH, Smith RB: IgG4 Related Sclerosing Tumor of the Paranasal Sinus. *Head & Neck* 2013; 35:321-324
75. Kuo C, Kobayashi RH. *Gene Therapy. Promise of a Cure? Ig Living* Oct.Nov. 2014; 16-21.
76. Wasserman R, Lumry W, Harris J, Levy R, Stein M, Forbes L, Cunningham-Rundles C, Melamed I, Kobayashi A, Kobayashi R. Efficacy, Safety and Pharmacokinetics of a New 10% Liquid Intravenous Immunoglobulin Containing High Titer Neutralizing Antibody to RSV and other Respiratory Viruses in Patients with Primary Immunodeficiency. *J. Clin. Immunol.* 2016; 36:590-599.
77. Kobayashi, R.H. Back to the future: 1753 – Vitamin C remediates Scurvy, 2016 – Folinic Acid Does the Same for MTHFD1-SCID with the help of exome sequencing. *JACI Practice* 2016; 4:1167-1168.
78. Cornett A, Kobayashi RH: Moving Aging Ig Patients into Nursing Homes. *IGLiving*. 2017; October-November 18 – 20.
79. Borte M, Melamed I, Pulka, G, Pyringer B, Knutsen A, Moy J, Ochs Kobayashi A, Kobayashi R, Gupta S, Strach M, Smits W: Efficacy and Safety of Human Intravenous Immunoglobulin 10% [panzyga] in Patients with Primary Immunodeficiency Diseases: a Two-Stage, Multicentre, Prospective, Open-label Study. *J. Clin. Immunol.* 2017; 37:603-612.
80. McGhee S, Kobayashi RH. Causes of low neonatal T-cell receptor excision circles. A systematic Review. *JACI In Practice* 2017;5: 1461-1462.
81. Guest J, Kobayashi RH, Mehta V, COST-EFFECTIVENESS OF USING AN EXTENSIVELY HYDROLYSED CASEIN FORMULA CONTAINING LACTOBACILLUS RHAMNOSUS GG IN MANAGING INFANTS WITH COW'S MILK ALLERGY IN THE US. *Current Medical Research and Opinion* 2017: Nov. 3:1-10 (ICMO).
82. Segundo GRS, Nguyen AVT, Nguyen NQL, Thuc TT, Le TH, Kobayashi RH, Torgerson TR, Le TMH, Ochs HD: Dried Blood Spots, a Simple Method of Collection and Shipment Allowing qDNA Sequencing of XLA Phenotypes from Patients Residing in a Developing Country. *Frontiers in Immunology* [**Original research** published: 16 February 2018 doi: 10.3389/fimmu.2018.00289]
83. Ochs H, Melamed, Borte M, Moy J, Pyringer B, Kobayashi AD, Kobayashi RH, Knutsen A: Efficacy of human immunoglobulin 10% [Newgam] in Children with primary immunodeficiency diseases: subgroup analysis of a phase III multicenter, prospective, open label studies. *Immunotherapy*.

2018; 10[14]: Published Online:8 Aug 2018<https://doi.org/10.2217/imt-2018-0074>

84. Melamed I, Borte M, Tranwnicek L, Moy J, Kobayashi A, Kobayashi RH, Ochs H: Pharmacokinetics of a Novel High-Yield Human Intravenous Immunoglobulin 10% in Patients with Primary Immuno – deficiency Diseases; Analysis of a Phase III, Multicenter, Prospective, Open-label Study. *European J. Pharmaceutical Sci.* 2018; 118:80 – 86.
85. Kobayashi RH, Gupta S, Melamed I, Mandujano F, Kobayashi A, Ritchie B, Geng B, Atkinson P, Rehman S, Turpel-Kantor E, Litzman J: Clinical Efficacy and Tolerability of a New Subcutaneous Immunoglobulin 16.5% (Octanorm [Cutaquig]) in the Treatment of Patients with Primary Immunodeficiencies. <https://www.frontiersin.org/articles/10.3389/fimmu.2019.00040/full>.
86. Kobayashi RH, Stein M, Ballow M: Senior Adults Living with Primary Immune Deficiency. pp. 227-229. *IDF Patient and Family Handbook*. Ballow M [Exec. Ed]. pp. 240. 2019.
87. Kobayashi, RH, Mandujano F, Reyman, S, Kobayashi, AD, Geng B, Atkinson P, Melamed, I, Turpel-Kantor E, Gupta S. Treatment of Children with Primary Immune Deficiencies With a New Subcutaneous Immunoglobulin 16.5% [Octanorm. Cutiquig]. Submitted Jan 2020. *J. Clin. Immunol.*
88. Melamed I, Kobayashi RH, Kobayashi AD, O'Connor M, Schechterman A, Heffron M, Canterberry S, Miranda H, Rashid N. Pediatric Acute Onset Neuropsychiatric Syndrome as a Post-Infectious Autoimmune Disease. Benefit of IVIG. *J. Child & Adol. Psychopharm.* [in press]
89. Kobayashi RH, Levin Todd, Riga, M. Renal Disease and IgG replacement considerations. [In preparation]
90. Stiehm ER, Kobayashi RH, Ochs HD. Historical Review of Passive Immunity. *Frontiers in Immunology*. Requested manuscript.
91. Gupta S, Kobayashi RH: Editors *Frontiers in Immunology*. Requested editors for symposium: Advances in Passive Antibody Therapy in Primary Immunity. Also guest editorial.
92. Cruz A, Tracy J, Kobayashi RH: Severe Group B Streptococcal Sepsis during delivery in two previously undiagnosed women with COVID. [submitted for publication]
93. Hatch J, Kobayashi RH, Lusk R: Is there a Role for Adeno-Tonsillectomy in Pediatric Acute – onset Neuropsychiatric Syndrome [PANS]? [in press]
94. Kobayashi RH, Burns T, Kelly CM. Adverse reactions to intra-articular Synvisc7 injections. (*In Press*)
95. Kobayashi, RH, Lee N, Kobayashi AD, Siegel SC, Katz RM, Rohr A, Spector S, Mickey R, Rachelefsky GS: Comparison of the efficacy and safety of Albuterol administered by power-driven nebulizer versus Aero-Chamber with mask in infants and young children with acute asthma. (*In Press*)
96. Kobayashi RH: The impact of allergic rhinitis on scholastic performance. (*In Press*).

Miscellaneous:

1. Kobayashi RH: Book Review in *CHEST: Immunopharmacology of the Lung*.
2. Kobayashi RH: Tape cassette for national distribution: UniCv. of Nebraska Medical Center Emergency Medicine Review Course "Status Asthmaticus".
3. Wasserman R., Kobayashi RH: Video cassette for national distribution: Clinical signs of antibody deficiency. 12/88.
4. Kobayashi, RH: Video cassette for national distribution: Living with antibody deficiency (patient education tape). 8/89.
5. Kobayashi RH: Parents shouldn't blame the schools. *Contemporary Pediatrics* July 1992, Page 11 (Letter to the editor).
6. Kobayashi RH: Quotations in the **New York Times** [March 24, 1990; July 19, 2005; December 6, 2009, February 4, 2019]
7. Kobayashi RH: **Philadelphia Inquirer**: May 8, 1998: Panel Hears of a Medicine Shortage That is Likely to Continue. Witnesses Agreed The Lack of Intravenous Gammaglobulin Was Serious. There was Less Accord on Causes.
8. Kobayashi RH. **Los Angeles Times**: October 24, 2015: In a Hurting Economy, Selling Plasma is Part of Their Financial Lifeblood. <http://www.latimes.com/local/california/la-me-1025-lopez-plasma-20151025-column.html>
9. Kobayashi RH: Standing on the shoulders of giants. <http://blog.kelleycom.com/2016/06/standing-on-shoulders-of-giants.html>
10. Kobayashi RH: **ABC/2020** Diane Sawyer: Why thousands of low income Americans “donate” their blood plasma to for profit centers. Jan. 13, 2017. <http://abcnews.go.com/US/thousands-low-income-americans-donate-blood-plasma-profit/story?id=44710257>
11. Kobayashi RH: Organize annual regional **Immune Deficiency Foundation Conference**: Held annually in Omaha, Nebraska; largest attendance of IDF regional meetings, except for Biennial National Meeting. Grant funding.
12. Kobayashi RH: Organize **PANS/PANDAS** biennial meeting [Regional] in Omaha, Nebraska [2014, 2016].
13. Kobayashi RH: Jeffrey Modell Foundation Grant annually for Kids Day in Omaha, Nebraska.
14. Kobayashi RH: Helped to organize and seek funding for the **Annual Sheldon C. Siegel Lectureship** at UCLA School of Medicine held each year at UCLA; 2008 to current...in 2018; the 11th Siegel Lecturer will be Dr. Manish Butte from the UCLA.
15. Kobayashi RH, Kobayashi AD, Stiehm Meredith: Organize and fund the E.Richard Stiehm Endowed Chair in the Department of Pediatrics, the UCLA School of Medicine. September 2017.
16. Kobayashi RH. Four to Five Times per year, organize dinner lecturers for doctors; held in Omaha, Nebraska. Example for 2017: dinner speakers: Wasserman R, Shapiro R, Friedlander J &

Kobayashi RH, Stiehm ER, Ochs HD, Ballow M, Butte M, Hill, H.

17. Organized and grant received for Master Class in Basic and Clinical Immunology
Hanoi and Ho Chi Minh City [Saigon] Socialist Republic of Vietnam. March 18 – 22, 2018.

In Preparation:

Kobayashi RH, Blum PB, Lee N, Ank B, Gard S, Ng W, Donnell G, Koch R, and Stiehm ER: Leukocyte function in children with galactosemia.

Kobayashi RH, Ogren F: Candida sinusitis in children with mucocutaneous candidiasis.

Fusaro R, Kobayashi RH: Hereditary polymorphous light eruption in non American indians.

Kobayashi RH, Hachiya KA, Vanderhoof JA: Severe relapsing Henoch-Schönlein Purpura in identical twins.

Overturf G, Kobayashi RH, Leonard J, Underman A, Underman A, and Mathies AW: Typhoid fever: A review of 125 cases. (Submitted for publication).

Schultz K, Kobayashi RH, Kobayashi AD, and White R: The effect of measles (rubeola) vaccination on neutrophil function.

Reisberg N, Kobayashi RH, Kobayashi AD, and White RJ: The effect of live attenuated measles virus on human newborn neutrophils.

Kemmy RJ, Kobayashi RH, White RJ, Colombo JL: The effect of influenza vaccination on human neutrophil function in normal, asthmatic and cystic fibrosis.

Kobayashi RH, Crawford K, McBride L: The feasibility of subcutaneous immunoglobulin infusion in a nation-wide, diverse population.

Abstracts:

1. Kobayashi RH, Leonard J, Underman A, and Overturf G: Typhoid fever: A review of 74 cases. (Presented at the Western Society for Pediatric Research, February 3, 1978, **Carmel, CA**), *Clin Res* 1978; 26(2):187A.
2. Kobayashi RH, Byrne WJ, Dudley J, Carney JC, Mendoza GR, and Stiehm ER: Candida esophagitis and laryngitis in children with chronic mucocutaneous candidiasis. *Clin Res* 1979; 27(1):114A.
3. Saxon A, Stevens RH, Kobayashi RH, Stiehm ER, and Siegel SC: Analysis in vitro of the immune defects that lead to specific antibody deficiency with normal serum immunoglobulins. (Presented at the 10th International Congress of Allergology, **Jerusalem, Israel**, November, 1979).
4. Kobayashi RH, Blum P, Gard S, Ng W, Koch R, Donnell G, and Stiehm ER: Granulocyte function in patients with galactose-1-phosphate uridylyl transferase deficiency (Presented at the Western Society for Pediatric Research, February 8, 1980, **Carmel, CA**). *Clin Res* 1980; 28(1):109A.
5. Dudley JP, Kobayashi RH, Rosenblatt HM, Ament ME, and Stiehm ER: Candida laryngitis in

- chronic mucocutaneous candidiasis: Its association with candida esophagitis. (Presented at the annual meeting of the American Laryngological Association, Spring, 1980).
6. Arenson EB, Blum PB, Kobayashi RH, and Stiehm ER: Superior antimicrobial function of a large subset of human monocytes. (Presented at the annual meeting of the Society for Pediatric Research, May 2, 1980, **San Antonio, TX**). *Pediatr Res* 1980; 14(4):543A.
 7. Kobayashi RH, Kettelhut BV: The effect of galactose on neonatal neutrophil (PMN) function. (Presented at the Western Society for Pediatric Research, Feb. 19, 1982 **Carmel, CA**). *Clin Res* 1982; 30(1):125A.
 8. Kobayashi RH, Blum P, Ank B, Ng W, Koch R, Donnell G, and Stiehm ER: Lymphocyte function in patients with galactose-1-phosphate uridyl transferase deficiency. *Clin Res* 1982; 30(2):352A.
 9. Kemmy R, Kobayashi RH, White RJ: The interactions of human neutrophils with Herpes Simplex virus Type II, (Presented at the annual meeting of American Society for Microbiology, March 10, 1983, **New Orleans, LA**). Abst Ann Meeting Am Soc Microbiol 1983; 83:74(D94).
 10. Riesberg N, Kobayashi RH, Kemmy RJ: The effect of live, attenuated measles virus on newborn neutrophil function. (Presented: Ann meeting American Acad of Allergy & Immunol, March 21, 1983, **Hollywood, FL**). *J Allergy Clin Immunol* 1983;71(1):116A.
 11. Hopp RH, Kobayashi RH: Iron overload as a result of transfusion therapy in a patient with adenosine deaminase deficiency. (Presented at the annual meeting of the American Academy of Allergy and Immunology, March 21, 1983, **Hollywood, FL**). *J Allergy Clin Immunol* 1983; 71(1):118A.
 12. Kobayashi RH, Schultz KR, Kobayashi AD: The effects *in vivo* of live, attenuated measles vaccine on neutrophil function. *Pediatric Res* 1983; 17(4):253A.
 13. Kobayashi RH, Swigart S, Baldwin J: An evaluation of a sustained-release Theophylline preparation in young children (presented at the annual meeting of the American Academy of Pediatrics, October 23, 1983, **San Francisco, CA**).
 14. Kemmy RJ, Kobayashi RH, White RJ: The effect of influenza vaccination on human neutrophil function in normal, asthmatic and cystic fibrosis patients. (Presented at the annual meeting of the American Society for Microbiology, March 4, 1984, **St. Louis, MO**). Abst. Ann. Meeting Am. Soc. Microb. 1984; 84:231(T12).
 15. Kobayashi RH, Farrell C, White RJ, Disis ML: The prevalence of polio antibodies in teenagers receiving oral polio vaccine (OPV) 10 years previously. *Clin Res* 1984; 21(1):110A.
 16. Disis N, McDonald T, Murray A, Colombo J, Kobayashi RH: Circulating immune complexes in cystic fibrosis. (Presented Current Research in Cystic Fibrosis Conf, June 29, 1984, **Minneapolis, MN**).
 17. Disis N, McDonald T, Kobayashi RH, Colombo JL: Parameters evaluating circulating immune complexes in cystic fibrosis. (Presented at the annual meeting of the American Academy of Pediatrics, September 18, 1984, **Chicago, IL**).

18. Beune K, White RJ, Kobayashi RH, Farrell C: Absence of humoral immunity to polio virus in individuals previously immunized with trivalent OPV. (Presented at the 86th Annual Meeting of the American Society for Microbiology, March 27, 1986, **Washington, D.C.**). Abst. Ann Meeting Am. Soc. Microb. 1986; 86:().
19. Rasmussen S, Kobayashi RH, Kay HD: *In vitro* absence of natural killer (NK) cell activity in the newborn by autologous cord granulocytes. (Presented at the 42nd Annual Meeting of the American Academy of Allergy & Immunology, March 16, 1986, New Orleans, Louisiana). *J. Allergy Clin Immunol* 1986; 77(1,2):216A.
20. Rasmussen S, Kobayashi RH, Kay HD: Regulation of natural killer cell activity by autologous newborn neutrophils. (Presented at the annual meeting of American Academy of Pediatrics, Nov 1, 1986, **Washington, D.C.**).
21. Kobayashi RH, Tinkelman D, Reese M, Sykes S: Effectiveness of Beco-nase AQ in treating seasonal rhinitis in children ages 5 to 12 years. (Presented at the 43rd Annual Meeting of the American Academy of Allergy & Immunology, February 23, 1987, **Washington, D.C.**). *J Allergy Clin Immunol* 1987; 79:152A.
22. Kobayashi RH, Kobayashi AD, Ochs HD, Wedgwood RS: Home treatment with intravenous gammaglobulin (IVIG) in children with hypogammaglobulinemia. (Presented at the Annual Meeting of the American Academy of Pediatrics October 31, 1987, **New Orleans, LA**).
23. Daly P, Daly J, Kobayashi RH, Kobayashi AD: An analysis of the psychological response of patients participating in a home intravenous gammaglobulin program. (Presented at the Annual Meeting of the American Academy of Pediatrics, November 1, 1987, **New Orleans, LA**).
24. Tinkelman D, Kobayashi R, Reese M, Sykes S: Beclomethasone dipropionate aqueous nasal spray for treatment of allergic rhinitis in children 5-12 years of age. (Presented at the Annual Meeting of the American Academy of Pediatrics, October 31, 1987, **New Orleans, LA**).
25. Kobayashi RH, Kobayashi AD, Hershfield MS: Treatment of children with severe combined immunodeficiency-adenosine deaminase deficient with bovine polyethylene glycol-modified adenosine deaminase. (Presented at the Conf on Innervations in Protein Therapeutics, December 11, 1987, **Orlando, FL**). *J Biomet, Artif Cells, Artif Org* 15(4).
26. Nucci ML, Olejarczyk J, Hershfield M, Buckley R, Rubinstein A, Sorenson R, Kobayashi R, Kobayashi A, Abuchowski A: Immunogenicity of polyethylene glycol-modified bovine adenosine deaminase (PEG-ADA). (Presented at the 44th Annual Meeting of the American Academy of Allergy and Immunology, March 13, 1988, **Anaheim, CA**). *J Allergy & Clin Immunol* 1988; 81:237A.
27. Synovec M, Kobayashi RH, O'Kano M, Theile G, Davis J, Linder J, Purtilo D: A report of fatal infectious mononucleosis (IM) in X-linked lymphoproliferative syndrome (XLP) by recombinant interferon gamma (OFN- GAMMA). (Presented 44th Annual Meeting of the American Academy of Allergy and Immunology, March 13, 1988, **Anaheim, CA**). *J Allergy & Clin Immunol* 1988; 81:288A.

28. Kobayashi RH, Kobayashi AD, Ochs HD, Fischer S: Home treatment of children with hypogammaglobulinemia with intravenous gammaglobulin (IVIG). (Presented at the 44th Annual Meeting of the American Academy of Allergy & Immunology, March 13, 1988, **Anaheim, CA**). *J Allergy & Clin Immunol* 1988; 81:288A.
29. Evans JH, Daly PB, Kobayashi RH, Kobayashi AD: Quality of life correlates and psychological effects of home-based intravenous IgG infusion therapy. (Presented at the 44th Ann Meeting of the Amer Acad of Allergy & Immunology, March 13, 1988, **Anaheim, CA**). *J Allergy & Clin Immunol* 1988; 81:288A.
30. Kobayashi AD, Kobayashi RH, Schiff RI, Claassen J, Hershfield MS: The use of bovine polyethylene glycol-modified adenosine deaminase (PEG-ADA) in correcting the immunodeficiency in a child with severe combined immunodeficiency-adenosine deaminase deficiency (SCID-ADA). (Presented: 44th Annual Meeting-American Academy of Allergy & Immunology, March 13, 1988, **Anaheim, CA**). *J Allergy & Clin Immunol* 1988; 81:237A.
31. Claassen JL, Kobayashi RH, Kobayashi AD, Hershfield MS, Schiff RI, Buckley RH: Antigen-specific humoral and cellular immune responses during treatment of adenosine deaminase deficiency combined immunodeficiency (ADA-SCID) with polyethylene glycol-modified bovine adenosine deaminase (PEG-ADA). (Presented at the 44th Annual Meeting of the American Academy of Allergy & Clin Immunol 81:238A, 1988).
32. Lee N, Kobayashi RH, Stiehm ER, Chaffee S, Hershfield MS: Induction of immunologic tolerance in a child with SCID-ADA & inhibitory antibodies to bovine ADA by combined treatment with intravenous IgG, prednisone & polyethylene glycol-bovine adenosine deaminase (Presented at the 46th Ann. Meeting Am. Acad. of Allergy & Immunol. Mar 24, 1990, **Baltimore, MD**). *J Allergy Clin Immunol* 1990; 85(1):160A.
33. Greenberg B, Kobayashi RH, Lee N, Sugar M, Katz RM: The use of IVIG in a patient with severe atopic dermatitis (Presented at the 46th Annual Meeting of the AAAI. March 24 1990, **Baltimore, MD**). *J Allergy Clin Immunol* 1990; 85(1):206A.
34. Mahan CA, Kobayashi RH, Stiehm ER: The X and B's of HIV (Presented at the 46th Annual Meeting of the American College of Allergy & Immunology Nov 12, 1989, **Orlando, FL**). *Ann Allergy* 1990; 64:108A.
35. Szelc CM, Roberts RL, Barrett CT, Kobayashi RH, Scatis S, Wyres M, Glaspy JA, Stiehm ER: Neutropenia in an extremely premature infant treated with recombinant human granulocyte colony-stimulating factor. (Presented at the Soc for Pediat Res, May, 1990, **Anaheim, CA**). *Pediatr Res* 1990;27:269A.
36. Lee N, Kobayashi RH, Chaffee S., Hershfield MS, Stiehm ER: Suppression of an inhibitory antibody to bovine adenosine-deaminase (ADA) and improved cellular immunity following intravenous immunoglobulin and polyethylene- glycol (PEG-ADA). *Pediatr. Res.* 1990; 27:155A.
37. Lee N, Rachelefsky G, Kobayashi RH, Kobayashi AL, Siegel SC, Katz RM, Spector SL, Rohr AS: Comparison of efficacy and safety of Albuterol administered by power-driven nebulizer versus metered dose inhaler with AeroChamber and mask in young children with asthma. (Presented at the 47th Annual Meeting of the American Acad of Allergy & Immunology, March 5, 1991, San

- Francisco, CA).** *J of Allergy and Clinical Immunol* 1991;87(1):307A.
38. H.D. Ochs, MD, R.H. Buckley, MD, R.H. Kobayashi, MD, A.L. Kobayashi, M.D., R.U. Sorensen, MD, M.S. Hershfield, MD. Antibody responses to bacteriophage ϕ -x174 in patients with adenosine deaminase deficiency, *Blood* 80 (1992) 1163-1171. *Clin Res* 1991;39:57A.
 39. Kobayashi RH, Mulligan M, Kobayashi AD, Bleicher RJ: Familial severe alpha- 1-antitrypsin deficiency (α -1-AT) with common variable hypogammaglobulinemia and defective antibody function. (Presented at the 48th Annual Meeting of the American Academy of Allergy and Immunology, Mar 9, 1992, **Orlando, FL**). *J Allergy Clin Immunol* 1992; 89 (1):263(A).
 40. Kornbrot B, Kobayashi RH, Singer A, Tempero M, Heiner DC: Hypersensitivity to therapeutic murine monoclonal antibodies (MAG). (Presented: 48th Annual Meeting-American Academy of Allergy & Immunology, March 9, 1992. **Orlando, FL**). *J Allergy Clin Immunol* 1992; 89(1):254A.
 41. Kobayashi RH, Rosen D, S Nonoyama, MD, L Grosmaire, MD; A Aruffo, MD; HD Ochs, MD. Asymptomatic immunoglobulin deficiency with hyper-IgM (HIgM) associated with non-functional CD40 ligand interaction: Serendipitous discovery following hypoplastic anemia induced by Parvovirus B-19. (Presented at the Annual Meeting of the American Academy of Pediatrics, November 1, 1993, **Washington, D.C.**)
 42. RH Kobayashi, MD, D Rosen, MD, HD Ochs, MD. Asymptomatic hypogammaglobulinemia with hyper-IgM (HGIgM) associated with defective gp39- CD40 interaction: Serendipitous discovery following hypoplastic anemia induced by Parvovirus B-19. (Presented: 5th International TransPacific Allergy & Immunology Society meeting, January 18-22, 1994, **Lanai, HI**).
 43. RH Kobayashi, MD, RL Wasserman, MD, PhD, AD Kobayashi, MD, M Hoffman, MD, F Kiechel, MD, M Sullivan, MD. Rapid Infusion of a 12% concentration intravenous immunoglobulin (IVIG) product in patients with humoral immunodeficiency (HID): Safety and time savings. (Presented at the 5th International TransPacific Allergy and Immunology Society meeting, January 18-22, 1994, **Lanai, HI**).
 44. D.P. Skoner, MD, H. Boltansky, MD, R.H. Kobayashi, MD, D.S. Pearlman, MD, G.G. Shapiro, MD, J.E. Harrison, MD, L.M. Trochelman, MD. Extended release albuterol sulfate in children with bronchial asthma. (Presented: 50th Annual Meeting of the American Academy of Allergy & Immunology, March 5, 1994, **Anaheim, CA**). *J Allergy Clin Immunol* 1994;93:518A.
 45. R.H. Kobayashi, D. Rosen, S. Nonoyama, L. Grosmaire, A. Aruffo, H.D. Ochs: Asymptomatic immunoglobulin deficiency with hyper-IgM (HIgM) associated with non-functional CD40 ligand interaction: Serendipitous discoverage following hypoplastic anemia induced by Parvovirus B-19. (Presented: 50th Annual Meeting: American Academy of Allergy and Immunology, March 8, 1994, **Anaheim, CA**). *J Allergy Clin Immunol* 1994;93:670A.
 46. M. Hoffman, MD, R.H. Kobayashi, M.D., R.L. Wasserman, MD, A.D. Kobayashi, MD, F. Kiechel, MD, M. Sullivan, MD, EW Gelfand, MD. Rapid infusion of a 12% concentration intravenous immunoglobulin (IVIG) product in children with humeral deficiency. (Presented at the 50th Annual Meeting of the American Academy of Allergy and Immunology, March 8, 1994, **Anaheim, CA**). *J Allergy Clin Immunol* 1994;93:678A.
 47. A.M. Staveren, MD, R.H. Kobayashi, MD, A.D. Kobayashi, MD, M.S. Kaplan, MD. Non-medically

- induced latex allergy into children. (Presented at the 50th Annual Meeting of the American Academy of Allergy and Immunology, March 9, 1994, **Anaheim, CA**). *J Allergy Clin Immunol* 1994;93:818A.
48. L.H. Wu, MD, D. Hollenbaugh, MD, S. Nonoyama, MD, HR Hill, MD, RH Kobayashi, MD, HF Pabst, R.L. Roberts, MD, A. Aruffo, MD, H.D. Ochs, MD. Hyper-IgM syndrome: Molecular analyses and carrier detection. *Clin Res* 1994;
 49. J. Parris, MD, D. Bukstein, MD, P. Chervinsky, MD, R.H. Kobayashi, MD, R. Kriz, MD, G. Sattipane, MD, A. Silvagni, MD, J. Wald, MD, R. Wood, MD. Nedocromil sodium 4 mg qid is effective in reducing asthma symptoms in Ragweed-allergic asthmatic children. *Am Rev of Respir Dis* 1994;
 50. Kobayashi RH, Beaucher WN, Koeke JW, Luskin A, Ranson JH, Rosen JP, Sullivan MJ, Alderfer VB, Simpson B, Smith JA. Triamcinolone acetonide aqueous nasal spray for perennial allergic rhinitis. Presented at the Annual Meeting of the American Academy of Otolaryngology. **New Orleans, LA**. September 19, 1995.
 51. Kobayashi RH, Smith JA, Beaucher WN, Koepke JW, Luskin A, Ranson JH, Rosen JP, Simpson JA, Furst M, Sullivan M. Triamcinolone acetonide aqueous nasal spray for long-term treatment of perennial allergic rhinitis. Presented at the TransPacific Allergy & Immunology Society. **Sidney, Australia**. October 31, 1995.
 52. Smith JA, Schenkel EJ, Gross G, Jacobson K, Kobayashi RH, Settupane G, Feiss G, Simpson, B. Efficacy and safety of once-daily Triamcinolone acetonide aqueous nasal spray in pediatric patients with spring grass seasonal allergic rhinitis. (Presented at the 52nd annual meeting of American Academy of Allergy and Immunology, March 16, 1996, **New Orleans, LA**). *J Allergy Clin Immunol* 1996;97:197A.
 53. Seyama K, Kobayashi RH, Ganggsass I, Hollenbaugh D, Nonomiya S, Rosen D, Aruffo A, Ochs HD. Parvovirus-induced red blood cell aplasia in CD40 ligand deficiency. *J. Invest Med* 44[1]:111A
 54. Kobayashi RH, Schenkel EJ, Gross G, Jacobson K, Settupane G, Smith JA. Efficacy and safety of once-daily Triamcinolone acetonide aqueous nasal spray in pediatric patients with spring, grass seasonal allergic rhinitis. (Presented at the Annual Meeting of the American Academy of Pediatrics. **Boston, MA** October 27, 1996.
 55. Seyama K, Nonoyama S, Hollenbaugh D, Bajorath J, Hasle H, Kobayashi RH, Apter A, Aruffo A, Ochs HD. X-linked hyper-IgM syndrome mutation analysis, CD40L function and clinical phenotype. (Presented at the combined meeting of the American Association of Immunologists/AAAI, **San Francisco, CA**. February 25, 1997. *J Allergy Clin Immunol* 1997;99(2):S474.
 56. Stiehm ER, Casillas AM, Finkelstein JZ, et al: Subcutaneous intravenous immunoglobulin (IVIG) in the treatment of antibody deficiency. (Presented at the West. Soc. Ped. Res. **Carmel, CA** March 97)
 57. Kobayashi RH, Burns T, Kelly CM: Reactions to Hylan GF20 (Synvisc⁷) in patients receiving

- intra-articular injections for osteoarthritis. (Presented at European Allergy & Immunology Meeting, **Berlin, Germany**, May 2001).
58. Kobayashi, RH, Mc Bride L, Crawford K: The feasibility of subcutaneous immunoglobulin infusion in a large, nation-wide population. Oral presentation American Academy of Allergy, Asthma & Immunology. **New Orleans, Louisiana**. February 27, 2010
 59. Hatch J, Lusk R, Kobayashi RH: Is there a Role of Adeno-Tonsillectomy in Pediatric Acute-onset Neuropsychiatric Syndrome [PANS]? Presented at the WSAAI 52nd annual meeting **Kauai, Hawaii** January 25 – 29, 2015.
 60. Mond J, Orange J, Du W, Kobayashi A, Kobayashi RH, Cunningham Rundels C, Lumry W, Harris J, Levy R, Stein M, Forbes LR, Melamed I, Kestenber K, Wasserman RL: Analysis of Specific Antibody Levels in PIDD Patients Enrolled in a Pivotal Trial with an IVIG Containing High Tier Neutralizing Antibody to RSV. Presented at the Annual Clinical Immunology Society meeting **Houston, TX** April 9 – 12, 2015.
 61. Hatch J, Lusk R, Kobayashi RH: The Role of Adeno-Tonsillectomy in Pediatric Acute – onset Neuropsychiatric Syndrome [PANS]. Presented at the Annual Clinical Immunology Society meeting **Houston, TX**. April 9 – 12, 2015.
 62. Nguyen AVT, Le TMH, Segundo GS, Kobayashi RH, Le TMH, Nguyen TVA, Nguyen NGL, Le TMH, Thuc TH, Le TH, Torgerson T, Ochs HD. Dried Blood Spots, a Simple Method of Collection and Shipments Allowing qDNA Sequencyof XLA A simple method of blood collection to detech mutational Changes [BTK Gene Analysis] in Vietnamese Children wth XLA [abstract #71 accepted at AAAAI Annual Meeting **Florida**, March 2018]
 63. Kobayashi RH, Gupta S, Melamed I, Mandujano J, Kobayashi AD, Ritchie B, Turpel-Kantor E, Litzman J. Pharmacokinetics, Efficacy, Tolerability and Safety of a New Subcutaneous Human Immunoglobulin 16.5% in Primary Immunodeficiencies. [abstract presented Clinical Immunology Society, **Toronto, Canada**. April 28-29, 2018]
 63. Kobayashi RH, Shapiro R, Stein M, McNeil D for the Consortium of Independent Immunology Clinics. Primary Immune Deficiency Disease in Patients Over Age 60: An Analysis From a Proprietary Immunology Patient Registry. [abstract presented Clinical Immunology Society **Toronto, Canada**, April 28-29, 2018]
 64. Segundo GS, [abstract presented at Clinical Immunology Society. **Toronto, Canada**. April 28 – 29, 2018] Nguyen AVT, Le TMH, Kobayashi RH, Le TMH, Nguyen TVA, Nguyen NGL, Le TMH, Thuc TH, Le TH, Torgerson T, Ochs HD. Dried Blood Spots, a Simple Method of Collection and Shipments Allowing qDNA Sequencyof XLA A simple method of blood collection to detech mutational Changes [BTK Gene Analysis] in Vietnamese Children wth XLA
 65. Kobayashi RH, Gupta S, Melamed I, Mandujano J, Kobayashi AD, Ritchie B, Turpel-Kantor E, Litzman J. Pharmacokinetics, Efficacy, Tolerability and Safety of a New Subcutaneous Human Immunoglobulin 16.5% in Primary Immunodeficiencies. [abstract presented at the Annual meeting of IgNS, October 21-22, 2018, **Dallas, TX**].

66. Melamed I, Kobayashi RH, Kobayashi AD, O'Connor M, Schechterman A, Heffron M, Canterbury S, Miranda H, Rashid N. IVIG in Pediatric Acute-Onset Neuropsychiatric Syndrome. American Academy of Pediatric Annual Meeting. **New Orleans, LA.** October 25 – 29, 2019.
67. Melamed I, Kobayashi RH, Kobayashi AD, O'Connor M, Schechterman A, Heffron M, Canterbury S, Miranda H, Rashid N. PANS as a Post Infectious Autoimmune Disease. The Benefit of IVIG. European Academy of Pediatrics. **Porto, Portugal.** September 19 – 22, 2019.
68. Kobayashi RH, Mandujano, JF, Rehman S, Kobayashi A, Geng R, Adkinson TA, Melamed I, Turpel-Kantor E, Clodi E, Gupta S. Clinical Efficacy, Safety and Tolerability of a 16.5% Subcutaneous Preparation in Pediatric PID Patients. European Society for Immune Deficiencies. **Brussels, Belgium.** September 18 – 21, 2019.
69. Melamed I, Kobayashi RH, Kobayashi AD, O'Connor M, Schechterman A, Heffron M, Canterbury S, Miranda H, Rashid N. Pediatric Acute Onset Neuropsychiatric Syndrome as a Post-Infectious Autoimmune Disease. Benefit of IVIG. . European Society for Immune Deficiencies. **Brussels, Belgium.** September 18 – 21, 2019.
70. Melamed I, Kobayashi RH, Kobayashi AD, O'Connor M, Schechterman A, Heffron M, Canterbury S, Miranda H, Rashid N. Pediatric Acute Onset Neuropsychiatric Syndrome as a Post-Infectious Autoimmune Disease. Benefit of IVIG. IgNS **Las Vegas, Nev.** October 23 – 27, 2019.
71. Melamed I, Kobayashi RH, Kobayashi AD, O'Connor M, Schechterman A, Heffron M, Canterbury S, Miranda H, Rashid N. Benefits of IVIG in Pediatric Acute Onset Neuropsychiatric Syndrome. Annual Meeting of the American Academy of Neurology. [virtual]. April 14, 2020. Originally **Toronto, Canada.**
72. Gupta S, Kobayashi RH, Melamed I, Rehman S, Kobayashi AD, Mandujano J, Geng B, Ritchie B. Long Term Safety, Efficacy and Tolerability of Subcutaneous Human Immunoglobulin in Patients with Primary Immune Deficiency. Abstract 238. Annual Meeting of the American Academy of Allergy Asthma and Immunology [virtual]. February 26 – March 1, 2021. Originally scheduled **San Diego, CA.**
73. Kobayashi RH, Mandujano JF, Rehman S, Kobayashi AD, Geng B, Clodi E, Turpel E, Gupta S. Efficacy and Safety of cutaquist [16.5% SCIG] in Pediatric Patients with Primary Immune Deficiencies [PI]: Data from Two Phase Three Studies. Annual Meeting Clinical Immunology Society. April 14-17, 2021. Originally scheduled in **St. Louis, MO.**

Invited Lectures: (Domestic – Nebraska- and UCLA-related not listed while on Full Time Faculty)

1. February 22, 1982 Pediatric Grand Rounds, Department of Pediatrics, University of Hawaii School of Medicine, **Honolulu, HI.** "Recurrent Infections in Infants and Children.
2. March 1, 1982 Pediatric Grand Rounds, Dept of Peds, Univ of Hawaii School of Med, **Honolulu, HI.** "Passive Immunity".

3. March 9-10, 1983
Symposium on the Evaluation and Management of Asthma in Children. **Key Biscayne, FL**. "Single entity sustained-release theophylline preparation in young children". "Round Table Discussion".
4. June 30-July 6, 1985
Update on General Pediatrics. **Jackson Hole, WY**. "Asthma: "Office Workup of the Allergic Child". "When Should You Suspect Immunodeficiency Disease". "Status of Desensitization for Allergies".
5. Feb 26-Mar 12, 1986
Update in General Pediatrics and Family Practice. **Kona, Hawaii and Kaanapali, Maui (Hawaii)**. "New trends in the treatment of asthma". "Evaluation of chronic cough". "Immunotherapy in treating allergies". "Allergies as they effect the ears and sinuses". "What to do with the child with chronic colds".
6. May 22-Jun 1, 1987
Visiting Professor, Department of Pediatrics, University of Hawaii School of Medicine, **Honolulu, HI**. "Experience and research in the home intravenous gammaglobulin program". "IgG subclass deficiencies". "Neutrophil modulation of natural killer cells in the newborn". "The relationship between allergies and recurrent ear and sinus infections". "The use of aerosolized agents in asthma". "Immunotherapy in allergic diseases".
7. June 2, 1987
Pediatric Grand Rounds, Dept. of Ped., Tripler Army Medical Center of the Pacific, **Honolulu, HI**. "The use of aerosolized agents in asthma."
8. June 28-July 3, 1987
Update in General Pediatrics. **Jackson Hole, WY**. "Exercise-induced asthma & anaphylaxis in athletes". "IgG subclasses & disease". "Hypersensitivity to stinging & biting insects". "Practice allergy testing in an office setting".
9. August 6, 1987
Sandoz Research Institute, **E. Hanover, NJ**. "Home intravenous gammaglobulin in children". "Psychological measurements in patients receiving intravenous gammaglobulin at home".
10. October 16, 1987
39th Annual Scientific Session. Iowa Academy of Family Practice. **Des Moines, IA**. "Allergy testing. "Hives/allergic conditions".
11. Dec 9-11, 1987
Research conference on innovations in protein therapeutics: from research to the Clinic. **Lake Buena Vista, FL**. "The use of PEG-ADA in children with severe combined immunodeficiency".
12. January 22, 1988
Clinl Immunol Conference, Department of Microbiology and Immunology, UCLA Medical Center, **Los Angeles, CA**. "The use of aerosols in the treatment of asthma".

13. Feb 4-5, 1988 **Visiting Professor**, **Pediatric Grand Rounds**, Department of Pediatrics, University of Kansas School of Medicine, **Wichita, KS**. "Recognition and treatment of IgG subclass deficiency". "Evaluation and treatment of the child with chronic infections". "Case Conferences".
14. Mar 18-26, 1988 Univ of Hawaii School of Medicine, **Honolulu, HI**. **Grand Rounds**. "Uses of immunoglobulin in the treatment of antibody deficiency". "Aerosol medications in the treatment of asthma. An update". Tripler Army Medical Center, **Honolulu, HI**. **Grand Rounds**. "Immune subclass deficiency, implications, detection and treatment".
15. May 13, 1988 Immunology Conference, University of California School of Medicine, **San Francisco, CA**. "Home administration of intravenous gammaglobulin in children".
16. July 9, 1988 Practical ENT Allergy Seminar. **Des Moines, IA**. "Update in immunology". "Immunodeficiency diseases; office diagnosis".
17. July 15, 1988 Allergy-Immunology Conf, Dept. of Pediatrics, Univ. of Southern California School of Medicine, **Los Angeles, CA**. "Recognition and treatment of IgG subclass deficiency".
18. July 22, 1988 Medicine-Surgery Grand Rounds, Kaiser Foundation Hospital, **Oakland, CA**. "Use of IVIG in children with immune deficiency disease".
19. Oct. 1, 1988 Symposium on Recent Advances in the Use of IVIG, Oakland Children's Hospital, **Oakland, CA**. "Use of IVIG in children with immune deficiency disease".
20. January 26, 1989 **Pediatric Grand Rounds**, Department of Pediatrics, University of New Mexico School of Medicine, **Albuquerque, NM**. "Recognition & management of immune diseases in children".
21. April 11, 1989 **Pediatric Grand Rounds**, Maricopa Cty Hosp, **Phoenix, AZ**. "Recognition & treatment of antibody deficiencies in children".
22. June 18-25, 1989 Hawaii Seventh National Kaiser Permanent Ped. Conference Mauna Kea Beach Hotel, **Waimea, HI**. "Therapy & management of pediatric HIV infection". "Immunoglobulin subclass deficiencies".
23. June 27, 1989 Hawaii Allergy Society meeting. **Honolulu, HI**. "Treatment of IgG subclass deficiencies".
24. June 30, 1989 Medicine Conference, Wilcox Hosp., **Lihue, Kauai, HI**. "Use and abuse of human intravenous immune globulin".

25. Aug 3-5, 1989 Pediatric review course, **Medora, N Dakota**. "Allergies as it affects the ears". "The use & abuse of IVIG", "Evaluation & treatment of the child with recurrent infection".
26. Sept. 13-15, 1989 **Visiting Professor**, Tripler Army Med, Center, **Honolulu, HI**. "Exercise-induced asthma & anaphylaxis", Hypogammaglobulinemia". "New antihistamines and topical nasal sprays in allergic rhinitis". "Drug allergy".
27. Sept. 13, 1989 Hawaii Allergy Society meeting. **Honolulu, HI**. "Allergies: Do they affect the ears and sinuses?"
28. Nov. 13, 1989 American Academy of Osteopathic Physicians National Meeting. **Anaheim, CA**. "Occupational Asthma".
29. Nov. 28, 1989 **Pediatric Grand Rounds**, Presbyterian Hosp., **San Francisco, CA**. "Evaluation of the chronically infected child".
30. Jan. 9, 1990 Medicine Conf. Kaiser Panorama City, **Los Angeles, CA**. "Chronic urticaria. Evaluation and present treatment".
31. Jan. 11, 1990 Medicine Grand Rounds, Kaiser-Bellflower, **Los Angeles, CA**. "Occupational Asthma".
32. Apr. 5, 1990 California Medical Association 40th Annual Meeting, Madera-Fresno **Yosemite National Park, CA**. "Aerosolized medications in the treatment of asthma".
33. Aug. 9, 1990 **Pediatric Grand Rounds**, University of Oklahoma-Children's Hospital, **Oklahoma City, OK**. "IgG subclass and defective antibody production illnesses".
34. Sept. 8, 1990 Annual Meeting of the American Academy of Otorhinolaryngology **San Diego, CA**. "Clinical symptoms & evaluation in chronic respiratory infections due to antibody defects".
35. Sept. 22, 1990 Washington State Medical Society Annual meeting. **Spokane, WA**. "IVIG - Use and Abuse".
36. Oct. 7, 8, 1990 **Lee Forrest Hill Lecturer in Pediatrics**. **Pediatric Grand Rounds**, Methodist Hospital, **Des Moines, IA**. "IVIG-use in IgG subclass deficiencies & dysgammaglobulinemia". "Evaluation of chronic infections in children". "Case discussions".
37. Nov. 2, 1990 Medicine Conf., Cedars-Sinai Hospital, **Los Angeles, CA**. "New antihistamines in the treatment of allergic diseases".

38. Nov. 8, 1990 Medicine Grand Rounds, Des Moines Veterans Hosp, **Des Moines, IA**. "Treatment of allergic rhinitis".
39. Dec 13, 1990 Visiting Professor, Univ. of Kansas - Wichita School of Medicine, **Wichita, KS**. "Chronic Respiratory infections; those darned germs." "Case Presentations".
40. March 12, 1990 11th Annual ENT Keystone Conference. **Keystone, CO**. "Chronic respiratory infections especially related to the sinuses and ears."
41. May 24, 1991 Pediatric Grand Rounds, Medical College of Wisconsin-Milwaukee Children's Hospital, **Milwaukee, WI**. "Chronic respiratory infections. The role of antibody defects."
42. Oct. 17, 18, 1991 Medical conference, **Anchorage, AK**. "Chronic respiratory infections." "Use and abuse of IVIG."
43. May 17, 18, 1992 Pediatric Grand Rounds, Stanford University School of Medicine, **Palo Alto, CA**; Northern California Allergy Association, San **Francisco, CA**. "12% high-concentration rapid infusion of intravenous immunoglobulin."
44. May 19, 1992 Medicine Grand Rounds, St. Mary's, Long Beach Hosp, **Long Beach, CA** "Topical nasal sprays in the treatment of allergic rhinitis". Family Practice Conf., **Anaheim, CA**. "New Treatments in the Management of allergic rhinitis"

45. April 23, 1993 California Society for Pulmonary Rehabilitation, **Napa, CA**. "Gammaglobulin infusion: Infusion for steroid-dependent asthmatics."
46. May 26, 1993 Conference on chronic medical illnesses, **San Francisco, CA**. "The use and abuse of IVIG; Clinical and economic considerations".
47. Dec 11, 1993 Medical Conference, Baylor Medical Center, **Dallas, TX**. "Nontraditional Uses of IVIG." Panel discussion: "Cost factors in the utilization of IVIG"
48. Jan 24, 1994 Med Conf, Kaiser Foundation Hosp, **Honolulu, HI**: "The Experimental use of IVIG in steroid dependent asthmatics."
49. July 18, 1994 Pediatric Conference, Kaiser Foundation Hospital **Whittier, CA**: "Evaluation of the child with chronic cough."
50. Sept 22, 1994 Current concepts in cardiopulmonary care, The American Lung Association of the Red Wood Empire/California Society for Respiratory Care, **Napa, CA**: "Gammaglobulin infusion for steroid dependent asthma".
51. February 1, 1996 Medical Conference. **Hilo, HI**. "The Appropriate Use of Topical Nasal Steroids".
52. March 24-28, 1997 Medical symposium. St. Francis Hospital. **Honolulu, HI**. "The use of topical nasal steroids in the treatment of allergy".
- Medical conference. Castle Medical Center. **Honolulu, HI**. "The comparison of topical nasal steroids with oral systemic antihistamines in the treatment of allergic rhinitis".
- Medical conference, Hawaii Allergy Society. **Honolulu, HI**. "Safety studies in the use of topical nasal steroids."
- Med conf, Kona Hosp. **Kona, HI**. "The use of topical steroids in the treatment of upper respiratory inflammatory diseases".
- Medical conference, The Straub Clinic. **Honolulu, HI**. "Chronic urticaria: Evaluation and current treatment".
53. June 16, 1997 Allergy-Immunology Grand Rounds, Stanford Univ Med School. **Palo Alto, CA**. "Safety of using inhaled corticosteroids in children."
54. October 18, 1997 Immunology-Neurology Fellows Symposium at Squaw Peak Hilton. **Phoenix, AZ**. "Establishing an alternate site outpatient infusion (IVIG) program."
55. January 14, 1998 TransPacific Allergy and Immunology Society, International Meeting, **Maui HI**. "Immunologic therapy of allergic rhinitis."

56. January 21, 1998 Western Society of Allergy and Immunology Annual Meeting. **Maui, HI**. “Updated therapy for sinusitis.”
57. January 22, 1998 Med Conf. Castle Med Ctr. **Honolulu HI**. “Update on the new recommendations of the Nat Expert Asthma Committee.”
58. April 27, 1998 Testimony before the Health & Human Services Blood Advisory Committee. **Washington, D.C.** Testimony on “The shortage of IVIG and the impact on patient health.”
59. May 7, 1998 Congressional testimony before the Subcommittee on Human Resources/ Comm on Government Reform & Oversight. Congressman Christopher Shays (R-CT, Chrmn). “Investigation on the growing threat to public health due to critical shortages of immune globulin products.” **Washington, D.C.** Rayburn House Office Bldg. “Testimony on behalf of the Immune Deficiency Foundation.”
60. Apr 21, 2001 Blue Cross/Blue Shield Quality of Care Conference **Honolulu, HI**. “Quality of Life Issues and Expert Recommendations for Care of Allergic & Asthmatic Diseases”. “Representative Case Discussions.”
61. January 19-20, 2002 Advisory Panel. **Miami, FL**. “IVIG as an Immunomodulator”.
62. October 15, 2002 ZLB Sponsored dinner Hyatt Regency Hotel. **Honolulu, HI**. “New uses of IVIG. Not your father’s Buick.”
63. January 21, 2003 Medicine Grand Rounds, University of Hawaii School of Medicine. **Honolulu, HI**. “Intravenous Immunoglobulin (IVIG), an update.”.
64. April 16-18, 2004 Immune Deficiency Foundation Leadership Conference. **Raliegh, NC**. “Update on Immunodeficiency Diseases”.
65. June 23-25, 2005 III National Biennial Conference of the Immune Deficiency Foundation. **Orlando, FL** “Chronic Lung Diseases in Immunodeficient Patients.”
66. June 28-30, 2007 IV National Biennial Conference of the Immune Deficiency Foundation. **St. Louis, MO** “Turmoil in Our Health Care System”
67. June 19-21, 2009 V. National Biennial Conference of the Immune Deficiency Foundation. **Orlando, FL** “Health Care Insurance Denials: An Accelerating Crisis”
68. Jan. 26, 2017 Pediatric Grand Rounds. University of Hawaii School of Medicine. **Honolulu HI**. “Introduction to PANS/PANDAS in Children. Some Answers but Many More Questions”
69. April 19, 2018 Allergy-Immunology Grand Rounds. Harbor General UCLA

- Medical Center. **Torrance, California**. “PANS/PANDAS: A perplexing Entity. A real disease?”
69. April 20, 2018 Pediatric Grand Rounds. University of California, Los Angeles. **Los Angeles, CA**. “PANS/PANDAS. More Questions than Answers”
70. September 23, 2018 Pediatric Grand Rounds. 11th Siegel Lectureship. Introduction of the Siegel Lecturer. University of California Los Angeles School of Medicine, **Los Angeles, CA**.
70. October 19-20, 2018 National Conference Meeting IgNS Annual Meeting. **Dallas, TX**. Clinical Efficacy, Safety, Tolerability of a New Subcutaneous Immunoglobulin 16.5% in the Treatment of Patients with Primary Immunodeficiency.
71. November 9, 2018 Invited Lecturer, Octapharma Clinical Research Conference. Hoboken, NJ. “Clinical Efficacy, Safety, Tolerability of a New Subcutaneous Immunoglobulin 16.5% in the Treatment of Patients with Primary Immunodeficiency. **New York, N.Y.**”
72. June 22-24, 2019 Invited speaker, National Conference Immune Deficiency Foundation **Washington, DC**. “Primary Immunodeficiency in the Geriatric Population” Presented June 22, 2019.
73. October 24 -27, 2019 National Conference Meeting IgNS Annual Meeting. **Las Vegas, NV**.
 “Case Discussion. Physician Tract”
 “How to write an IgG Supplementation Script. Physician Responsibility”
 Plenary Session: “The Intersection of Primary Immune Deficiency and Autoimmunity”
74. April 5, 2020. Clinical Immunology Society Panel Discussion. Accepted then declined →CoVID infection advisement. **Denver, CO**.
75. April 7, 2020. National Home Infusion Association. Annual Meeting, **Denver CO**. Accepted and plan to speak as friend asked and impolite to turn down. Plenary lecture one & a half hours. [Invitation attached]. Cancelled due to CoVID.
76. May 7, 2020 Immunology Zoom National Conference Immune Deficiency Foundation 1. CoVID Overview. 2. Update Passive Immunity.
77. October 15, 2020 National Forum. Immune Deficiency Foundation. 1. Passive Immunity with CoVID. 2. Vaccinations in Primary Immune

Deficiency. <https://primaryimmune.org/event/idf-forum-vaccinations-passive-immunity>

78. October, 2020 Annual Meeting. Immunoglobulin National Society Meeting. **Washington, D.C.** Primary immunodeficiency in the Geriatric Population. An Underappreciated Complication.
79. November 7, 2020 National Summit Meeting. Immune Deficiency Foundation. **Washington, D.C.** Meeting transferred to Zoom because of CoVID. Primary Immune Deficiency in the Older Population. Problems in the Golden Years. <https://primaryimmune.org/es/node/12069>
80. December 21, 2020 Immune Deficiency Foundation Forum [National Teleconference]. Vaccines, CoVID 19 and Passive Immunity. <https://primaryimmune.org/news/vaccines-covid-19-and-passive-immunity>

Invited Lectures:
(International)

1. March 19-23, 1984 Review and Update General Pediatrics and Family Practice. **Freeport, Grand Bahamas Island.** "Office diagnosis of allergic diseases". "Allergy to drugs, Clinical manifestations, how to test". Round Table Discussion: "Asthma in infants and children". Moderator (Mar 20): "Adolescent pediatrics".
2. May 7-10, 1990 Conference on Clinical use of immunoglobulins, **Interlaken, Switzerland.** "Home self-infusion of IVIG".
3. July 21-23, 1992 Medical conference, **Shanghai, China.** "Use of IVIG in Immunodeficiencies", "Evaluation of the patient with chronic infections." "Use of IVIG in ITP and other immunomodulatory diseases."
4. Nov 21-26 1993 Medical Conferences, **Shanghai & Beijing, China.** "Use of IVIG in Immune Deficiency Diseases", "Use of IVIG as an Immunomodulatory Agent", "New and Experimental Uses of IVIG".
5. December 12-17, 1995 "Use of intravenous immunoglobulin, clinical and practical parameters." **Beijing PRC; Shanghai PRC; Canton PRC.**
6. May 18, 1996 Med. Conf. "Respiratory Allergies." **London, England.**
7. June 3, 1996 Medical Symposium. Annual Meeting of the European Academy of Allerg Clin & Immunol. **Budapest, Hungary.** "Long-term Safety and Efficacy of Topical Steroids in Perennial Allergic Rhinitis".

8. September 4-7, 2001 **Hanoi, Socialist Republic of Vietnam.**
 a) **National Institute of Pediatrics.** “Treatment of Life-threatening asthma in children.” “Immunology teaching rounds.”
 b) **National Institutes of Health (ENT Institute)**
 1. “Applied Immunology for Clinicians.”
 2. “Safety and Efficacy of Topical Nasal Steroids.”
 3. “Complications of First Generation Antihistamines.”
 4. “Recognition and Treatment of Asthma in an Outpatient Setting.”
 c) **Cuba Friendship Hospital.** “Update on the Treatment of Allergic Rhinitis.” “Allergy/Asthma clinic teaching rounds.”
9. April 25, 2002 XLIII Annual Congress of the Mexican Grouping for Study of Hematologia A.C. **San Luis Potosi, Mexico.** “Immune and Immunoregulatory uses of IVIG.”
10. May 23, 2002 XXV International Congress of World Federation of Hemophilia. **Seville, Spain.** “Anti-inflammatory and Immunomodulatory effects of IVIG.”
11. November 20, 21, 2002 VI Latin American Transfusion Medicine Congress. **Acapulco, Mexico.** “Uses of IVIG. An update.” “Anti-inflammatory and immunoregulatory effects of IVIG”
12. May 1-6, 2003 Annual Hematology Congress. **Puerto Vallarta, Mexico.** “New uses of IVIG.”
13. July 12-18, 2003 International Society on Thrombosis and Haemostasis Conference. **Birmingham, England.** “Immune Modulatory Affects of Intravenous Immunoglobulin.”
14. October 20-25, 2003 Annual Hematology Congress. **Sofia, Bulgaria.** “Update on the uses of IVIG”.
15. November 2-7, 2003 The XI Asian Congress of Pediatrics. The Bangkok Convention Center, **Bangkok, Thailand.** “Update on the uses of IVIG in children.”
16. November 7-12, 2003 Medical Symposia. **Guandong, PRC, Shanghai PRC, Beijing PRC, Shenyang PRC.** “Anti-inflammatory and immunomodulatory effects of intravenous gammaglobulin.”
17. November 12-15, 2003 Vietnam Hematology/Immunology/Surgery Congress. **Saigon (Ho Chi Minh City) Republic of Vietnam.** “Overview on the use of IVIG.”
18. October 16-20, 2004 XXVI International Congress of the World Federation of Hemophilia. **Bangkok, Thailand.** “Immunodulatory and anti-inflammatory effects of IVIG”. Moderator: Panel on therapeutic blood products.”

19. March 3-4, 2005 Costa Rican Government and Department of Health Conference on Blood Product Safety. **San Juan, Costa Rica**. “Overview on the use of IVIG.”
20. March 31-April 1, 2005 Second International Congress of ESPHO. **Cairo, Egypt**. “Intravenous immunoglobulin. Review of potential uses.”
21. June 7—9, 2006 Vietnam National Scientific Congress on Hematology and Blood Transfusion. **Hue, Republic of Vietnam**. “Immune Modulatory Effects of Intravenous Immunoglobulin”
22. November 14-16, 2006 University of Hue School of Medicine. **Hue, Vietnam**. “Clinical Immunology for Clinicians”. “Evaluation of the Patient with Chronic Infections”.
- Hue Central Hospital. **Hue, Vietnam**. “Evaluation of the child with severe infections”. Case discussion: a) Severe Combined Immuno-deficiency b) Hemophagocytosis Syndrome. Also, hospital rounds on the Pediatric Service.
- Danang General Hospital. **Danang, Vietnam**. “Evaluation of Chronic Infections” “Update of the use of Inhaled Steroids in Asthma”
- 23 March 8 – March 15, 2007 Annual Joint Meeting on Immunology Teaching & Research. **Hanoi, VN**. Antiinflammatory & Immunomodulatory Effects of IVIG
- Military Medical University **Hanoi, VN**. “Pulmonary Complications of CVID” Also, Hospital rounds on Pulmonary Service
- Bach Mai Hospital **Hanoi, VN** Three lectures on Asthma including Current NIH guidelines on asthma therapy. Also, Hospital rounds on Immunology & Auto-immune service as well as Pediatrics.
- University of Hue School of Medicine **Hue, VN Old Imperial of Vietnam**. “Anti-IgE as a Model for B-cell receptor Diseases” “Pulmonary Complications of Immune Deficiency
- Hue Central Hospital **Hue, VN Vietnam**. Three lectures of Allergy & Asthma including NIH guidelines on Asthma therapy. Hospital rounds Pulmonary Service and also Allergy Service.
- Danang General Hospital **Danang, Vietnam**. “Clinical uses of IVIG” “NIH recommendations for the treatment of Pediatric Asthma”
24. Febr 27 - Mar 8 , 2008 University of Hue School of Medicine; Hue Central Hospital. **Hue, VN**, Lectures & Clinical Rounds---- Clin, Immunology,

- Hanoi University School of Medicine: “Worm theory. Is there any credence to suppression of allergy, asthma & inflammatory diseases
Bach Mai Hospital: Lectures and case discussions. **Hanoi, VN.**
- Military Medical University **Hanoi, Vietnam.** Case discussions.
25. May 5 - May 12, 2010 University of Hue School of Medicine: “Subcutaneous IgG infusions”
 Hue Central Hospital: Case Discussions; representative instructive cases. **Hue, Vietnam.**
- Danang General Hospital **Da Nang, VN:** “Anaphylaxis, a critical Emergency”. “Two Instructive Cases: Complex presentation of frequently seen diseases.”
- Bach Mai Hospital [Hanoi]: “Anaphylaxis”. Case discussions.
 National Pediatric Hospital: “Anaphylaxis”. Case discussions: Case discussions on the ward: SCID, fire ant anaphylaxis, Japanese Equinine Encephalitis, drug reactions. **Hanoi, Vietnam.**
 Military Medical University: “Anaphylaxis: medical emergency”
26. Nov. 26 – Dec. 1. 2015 National Hospital of Pediatrics [**Hanoi**]: Pediatric Drug Allergy Case Discussions: Bruton’s Agammaglobulinemia; Ig Therapy
 Vietnamese Medical Association Annual Meeting [**Hanoi**]: Clinical Use of Ig Therapy.
 Asia-Pacific Society of Immune Deficiency Winter School: Use of Ig in Immunodeficiency & Disorders of Immune Dysregulation
 Faculty Advisor 6 South East Asian Clinical Immunologists Case discussions. **Hanoi, Vietnam**
Military Medical University [Hanoi]: Drug Allergy in Adults
- University of Hue Medical School [**Hue, VN**]. Drug Allergy in Children & Adults. Case Discussions.
- Danang Children’s Hospital [**Danang, VN**]. Drug Allergy in the Pediatric Population. Case discussions.
27. June 3 – 6, 2016 **Heidelberg, Germany.** Third Generation Immunoglobulin Therapy for
 Immunodeficiency & Auto-immune Disorders.
28. Sept 22, 2016 **Hanoi, Democratic Republic of Vietnam.** Military Medical Univ. Severe Drug Reactions Including SJS-TENS & DRESS syndromes
28. Sept 23 - 24, 2016 **Hanoi, Democratic Republic of Vietnam.** Primary Immune Deficiency in Adults: A Missed Diagnosis. Use of IVIG and SQIG.
Annual Meeting of Vietnamese Respiratory Association [Prof.

- Chau Chairman].
29. Sept 26 – 27, 2016 **Da Nang, Democratic Republic of Vietnam.** Pediatric Symposium. [Prof. Le Huong Chairwoman] **National Childrens Hospital of VietNam.** Primary Immune Deficiency: A Missed Diagnosis in Childr
- Managing Children with Primary Immune Deficiency. Auto-Immune & Auto-inflammatory Diseases in Children.
- PANS/PANDAS
- An Auto-Immune Auto-Inflammatory NeuroPsychiatric Disease in Children.
Case Discussions: Wiskott-Aldrich Syndrome, X-linked Agammaglobulinemia. Autosomal recessive Congenital Agammaglobulinemia In a 2y/o female infant. Congenital Agranulocytosis, SJS-TENS in a Two-year old with residual lung damage. Exercise-induced
- anaphylaxis
30. Sept 18, 2017 **Hanoi, Democratic Republic of Vietnam,** Pediatric Symposium by the Vietnam National Children’s Hospital Hanoi. Primary Immune Deficiency. Auto-inflammatory Diseases in Children. Case Discussions and Demonstrations.
31. Sept 19, 2017 **Hanoi, Democratic Republic of Vietnam,** Bach Mai Hospital. Allergy & Immunology Lectures: Primary Immunodeficiency in Adults, A More Common Problem than Anticipated. Drug Allergies In Adults.
32. Sept 19, 2017 **Hanoi, Democratic Republic of Vietnam,** St. Paul’s Hospital. Case Discussions. Meet with Vice Minister Cuong of Health Vietnam.
33. Sept 23 – 24, 2017 **Da Nang, Viet Nam.** Annual Meeting of the Vietnam Respiratory Society. Chairperson, two sessions and speaker. “Pulmonary Complications of Primary Immunodeficiency Diseases” “Immuno Modulatory Disorders in Children with Respiratory Diseases.:
33. Mar 18 - 25, 2018 **Saigon & Hanoi, Vietnam.** Shire Symposium: Master Class in Immunology. Initiated project and worked with Baxalta/Shire [Shelly Shaw, Dr. Sandra Ehrle, Dr.Todd Berner] to Fund and organize this program. International speakers:
Dr. Mark Ballow.
- RHKobayashi
34. Feb 28, 2019 **Hanoi, Republic of Vietnam:** Immunology Symposium. “Evaluation of the patient with Immunodeficiency” Department of Immunology and Department of Toxicology. Military Medical University.
35. Mar. 1, 2019 **Hanoi Republic of Vietnam.** Plenary Session 70th Anniversary of Vietnam Military Medical University attended by Vice Minister of Defense “Secondary immune deficiency from Biologics”. Session Moderator.

Selected by Lt. General/Chancellor VMMU to give thank you and welcoming speech to Gala Dinner hosted by VMMU.

36. March 3, 2019 **Hanoi, Republic of Vietnam.** National Childrens Hospital of Vietnam. “Common variable immune deficiency”. “Passive Immunity: from anti-sera to IVIG/SCIG to monoclonals”
37. March 4, 2019 **Hanoi, Vietnam:** “Wiskott-Aldrich Syndrome: a Lesson in Biology” “Subcutaneous IgG: an Overview” “Update on Pediatric Asthma: Controversies” Case discussion: “XLA on IVIG with continued Infections”; ‘Hyper Ige and Eosinophilia with profound T-cell Deficiency”. National Children’s Hospital Hanoi, Vietnam.
38. May 22, 2019 **Vienna, Austria.** “Overview of PANS and the use of IVIG” to Octapharma Research and Development Group [Attended by Board Member].

Scheduled, invited but postponed for Meetings in Hanoi, Da Lat and Saigon, Vietnam 2020:

o] February 29 – March 5, 2020 Lectures at 3 meetings, Hanoi, VN. Meetings postponed by Vietnamese government order due to CoVID-19.

- 1] VMMU-30th Anniversary Department of Immunology [invitation and schedule attached]
- 2] University of Hanoi School of Medicine *Feb. 28, 2020:* [lecture schedule attached]
- 3] Vietnam National Children’s Hospital *March 4 and 5, 2020* [lecture titles attached]

r] Future lectures in Hanoi, Hue and Saigon [Ho Chi Minh City], VN. October 15- 20, 2020

- 1] Association of South East Asian Nations [ASEAN] annual meeting [medical portion] held in Hanoi, VN. Two lectures.
- 2] Annual meeting of the Vietnam Allergy and Immunology in Da Lat, VN.
- 3] Lectures at University of Saigon Medical School at the invitation of former V. Minister of Health, Prof. Pham Manh Hung.

Plan to go to Vietnam if travel/meeting ban lifted by VN government.