**CURRICULUM VITAE**

**Grant James Anhalt, M.D.**

**ADDRESS**: Office: Johns Hopkins Hospital

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**EDUCATION:**

High School: St. Paul's High School

Winnipeg, Manitoba, Canada

1965 - 1969

Undergraduate: University of Manitoba

Winnipeg, Manitoba, Canada

Faculty of Science, 1969 - 1971

Medical School: University of Manitoba

Winnipeg, Manitoba, Canada

Medicine, July 1971 - June 1975

**POSTGRADUATE TRAINING:**

July 1975 - June 1976: Internship - Rotating

Health Sciences Center

Winnipeg, Canada

July 1976 - June 1977: Residency in Internal Medicine

Health Sciences Center

Winnipeg, Canada

July 1977 - June 1979: Residency in Dermatology

Department of Dermatology

University of Michigan

Ann Arbor, Michigan, U.S.A.

July 1979 - June 1980: Chief Resident

Department of Dermatology

University of Michigan

July 1980 - July 1981: Fellow in Immunodermatology

University of Michigan Medical Center

Ann Arbor, Michigan

**TEACHING APPOINTMENTS:**

July 1981 - August 1982: Instructor, Department of Dermatology

University of Michigan

Ann Arbor, Michigan

September 1982 - May 1987: Assistant Professor,

Director, Resident Training Program,

Department of Dermatology

Johns Hopkins University

May 1987 - May 1993: Associate Professor

Director, Dermatology, Allergy, and

Clinical Immunology Laboratory

Department of Dermatology

The Johns Hopkins University

Baltimore, Maryland, 21205

June 1993 - Dec 1996: Professor, Department of Dermatology

Professor of Pathology

The Johns Hopkins University School of Medicine

Baltimore, Maryland, 21205

- Director, Dermatologic Immunology Laboratory

Jan 1996 - June 2001 Interim Chairman, Dept. of Dermatology

**July 2001 - Current**

**Professor of Dermatology and Pathology**

**The Johns Hopkins University School of Medicine**

**Baltimore, Maryland, 21205**

**CONSULTING POSITIONS:**

July 1980 - July 1981: Attending Physician in Dermatology

VA Medical Center

Ann Arbor, Michigan

Jan 1995 - present:

Medical Advisory Board

The International Pemphigus & Pemphigoid Foundation

Berkeley, California

**MILITARY SERVICE**: None

**CERTIFICATION & LICENSURE**: -Medical Council of Canada, 1975

-Diplomate of the National Board of Medical Examiners

(U.S.A.), 1978

-Fellow of the Royal College of Physicians and Surgeons of Canada, (Dermatology) 1980

-American Board of Dermatology, 1980

-American Board of Dermatology, Dermatologic Immunology, Diagnostic and Laboratory Immunology, 1987

-Currently licensed to practice in the State of Maryland

**PROFESSIONAL SOCIETIES**: American Society for Clinical Investigation

American Federation for Medical Research

Society for Investigative Dermatology

American Academy of Dermatology

American Dermatologic Association

Corresponding Member, Austrian Dermatological Society

Dermatology Foundation

Maryland Dermatological Society

**EDITORIAL BOARDS**: Journal of Investigative Dermatology, June 1992 - 2006

**NIH COMMITTEES:** Member, NIAMSD Liason Committee, 1993 - 1998.

Intramural Research Programs Review Committee, Dermatology Branch, NCI, 1997.

**UNIVERSITY AND HOSPITAL COMMITTEES:**

JHH Physician Advisor - Department of Dermatology, 1995- 1997.

Regulatory Compliance Committee (JCAHO), Johns Hopkins Hospital, 1994 - 1997.

Medical Staff Conference Committee

Johns Hopkins Hospital, July 1988 - 1996.

**GRANT REVIEW COMMITTEES:** (**NIH**) Member of Ad Hoc and Special Emphasis Study Sections, Site Visits and Reviewer Reserve, NIAMS, General Medicine A-1 and General Medicine A-2, 1986 - current.

(**VA**) Veterans Administration ad hoc Reviewer for Merit Awards, 1989 - present.

(**Foundations**) Dermatology Foundation, National Medical and Scientific Grants Committee, 1989-1992.

**GRANT SUPPORT:** Veterans Administration Research Career Development Award - Grant Anhalt, P.I. (Associate Investigator), August, 1981, Total direct costs: $103,144.00.

Biomedical Research Council of the University of Michigan. October, 1981, Total award, $5,800.00

Millipore Equipment Grant, Jan. 1989, $6,180.

Andrew W. Mellon Foundation Award, July 1984 - June 1985, Total award, $35,000.00

Stetler Research Foundation (Judy Redd, M.D., P.I. - Grant J. Anhalt, M.D., preceptor) July 1990, $21,000.

NIH - New Investigator Award R23-AM 32490 (00-03), Grant Anhalt, P.I. July 1983 - June 1986, Total direct costs: $108,336.00

NIH - RO1-AM 32490 (04-08), July 1986 - June 1991, Grant Anhalt, P.I., Total direct costs: $250,703.00

NIH - KO4-AR01686 (RCDA) Dec. 1986 - Dec. 1991, Grant Anhalt, P.I., Total direct costs: $270,000.00

Behringwerke AG, Grant Anhalt, P.I., Testing recombinant plasminogen activator inhibitor in pemphigus vulgaris *in vivo*, Direct costs, $15,800.00, Nov. 1991 - Dec. 1992.

NIH - RO1-AR40018 (01-03) Sept 1991 - Dec.1994, Grant Anhalt, P.I., Total direct costs $325,000.00

NIH - RO1-AR32490 (09-11) July 1991 - June 1994, Grant Anhalt, P.I., Total direct costs $470,000.

NIH-RO1-AI 48063, Pathophysiology of pemphigus in vivo

Grant Anhalt, PI, Sept 2000 - Sept. 2003, total direct costs $525,000

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Peptimmune Inc. An open-label, dose escalation, phase I study to assess the safety of PI-0824 in patients with pemphigus vulgaris. Sept 2003 - Feb 2005, Grant Anhalt, PI, direct costs $75,600

Aspreva Pharmaceuticals. A prospective, randomized, double blind, placebo controlled, parallel group, multicenter, 52 week trial to assess the efficacy and safety of adjunct mycophenolate mofetil (MMF) to achieve remission in subjects with active pemphigus vulgaris. Aug 2005, Grant Anhalt, PI, direct costs $57,600

**POSTDOCTORAL FELLOWS AND VISITING SCIENTISTS TRAINED (1/1/83 - PRESENT):**

Yuzo Takahashi, M.D., Ph.D. Nara University, Japan (1/1/83-12/31/83)

Diya F. Mutasim, M.D. American University, Beirut, Lebanon (4/1/83-12/31/85)

Justin T. Roscoe, M.D. University of Sao Paulo, Brazil (7/1/83-6/30/85)

Fred Eaglstein, D.O. University of Tennessee College of Medicine (7/1/83-7/30/84)

Esperanza Avalos, M.D. Universidad Autonoma de Zacateca (7/1/83-7/30/84)

Hiroshi Hosokawa, M.D. Kansai Medical University, Japan (1/8/85-12/31/86)

Kayo Hosokawa, M.D. Kansai Medical University, Japan (1/8/85-12/31/86)

Elizabeth Dugan, M.D. University of South California (7/1/85-6/30/86)

Luis H. Squiquera, M.D. University of Buenos Aires, Argentina (7/1/85-6/30/87)

Lynne Morrison, M.D. University of Oregon (8/1/86-7/31/88)

Shozo Futamura, M.D. Kansai Medical University, Japan (1/1/87-12/31/89)

Barbara Rock, M.D. Johns Hopkins University (7/1/87-6/30/89)

Mary A. Robledo, M.D. Universidad de Antioquia, Colombia (1/1/88-12/31/90)

Soo Chan Kim, M.D. Yonsei University, Seoul, Korea (10/88-9/90)

Hiroshi Izumi, M.D. Kansai Medical University, Japan, (10/89-6/91)

Judy Redd Oursler, M.D. Johns Hopkins University. (7/90-6/91)

Lena Abdo, M.D. American University of Beiruit. (11/89-11/90)

Kazumi Takehara, M.D. Keio University (7/23/91-6/12/92)

Josiane Hilu, M.D. American University of Beiruit (11/1/91-12/31/93)

Dagmar Födinger, M.D. University of Vienna, Austria (7/1/93-9/30/93)

Jill Albritton, M.D. Johns Hopkins University (7/1/93-6/30/94)

Hossein Nousari, M.D. Cordoba University, Argentina (1/1/95-6/30/95)

Kanokvalai Kulthanan, M.D. Bangkok, Thailand (3/1/98 - 6/30/98)

Hana Jedlickova, MD Olga Havel Foundation Fellow (3/1/99 - 6/1/99)

Patricia Ng, MD National Skin Center Singapore (3/00 - 11/00)

Daniel Mimouni, MD Tel Aviv University (7/01 - 6/02)

Davis Farvolden, MD Johns Hopkins University (7/02 - 6/03)

**POSTGRADUATE COURSES:** - *Molecular Biology*. Catholic University, Washington, D.C., 1987.

- *The Business of Medicine*, for M.Sc. in Business Administration, Johns Hopkins University, 1994 - 1997.

**PATENTS AND INVENTIONS:** U.S. Patent Serial# 07/400,657, "Suppression of cutaneous contact sensitivity by calcium transport inhibition". Anhalt GJ and Diezel W, Co-Inventors. Licensed to DeNovo, Inc, 1994.

**Awards:** American Academy of Dermatology Silver Medal for Original Investigations: Dec, 1990

Best Doctors in America, Woodward White, 1994 - current

America’s Top Docs, Castle Connely Guide, 2001 - current

Top Docs, Baltimore Magazine, Oct. 2002 ,Oct 2013

Top Docs, Washingtonian Magazine, 2004 & 2007

American Skin Association Award for Research in Inflammatory Skin Diseases, May, 2002

International Pemphigus Foundation Award for Outstanding Service, Sept 2004

SuperDoctors, Washington Post Magazine , 2011, 2012,2013

**BIBLIOGRAPHY**

**PUBLICATIONS IN REFEREED JOURNALS (COMPLETED)**

1. Anhalt GJ and Snelling CFT: Toxic Epidermal Necrolysis. **Plastic and Reconstructive Surgery**, 61:905-910, 1978.
2. Anhalt GJ, Bahn CF, Labib RS, Voorhees JJ, Sugar A and Diaz LA: Pathogenic effects of bullous pemphigoid autoantibodies on rabbit corneal epithelium. **J Clin Invest**, 68:1097-1101, 1981.
3. Cowen SJ, Anhalt GJ, Wicha MS, Sugar A, Labib RS and Diaz LA: Distribution of pemphigus and pemphigoid antigens, laminin and type IV collagen in corneal epithelium. **Invest Ophth Vis Sci**, 21(6):879-882, 1981.
4. Anhalt GJ, Labib RS, Voorhees JJ, Beals TF and Diaz LA: Induction of pemphigus in neonatal mice by passive transfer of IgG from patients with the disease. **New Engl J Med**, 306:1189-1196, 1982.
5. Anhalt GJ, Patel HP and Diaz LA: Mechanisms of immunological injury: Pemphigus and pemphigoid. (Editorial) **Arch Dermatol**, 119:711-714, 1983.
6. Woo TW, Hogan VA, Patel HP, Anhalt GJ, Labib RS, Voorhees JJ and Diaz LA: Specificity and inhibition of the epidermal cell detachment induced by pemphigus IgG in vitro. **J Invest Dermatol**, 81:115-121, 1983.
7. Robinson HN, Anhalt GJ, Patel HP, Takahashi Y, Labib RS and Diaz LA: Pemphigus and pemphigoid antigens are expressed in human amnion epithelium. **J Invest Dermatol**, 83:234-237, 1984.
8. Avalos E, Patel H, Anhalt GJ, Diaz LA: Autoimmune injury of squamous epithelium by pemphigus antibodies. **Br J Dermatol**, III:359-365, 1984.
9. Takahashi Y, Patel HP, Labib RS, Diaz LA and Anhalt GJ: Experimentally induced pemphigus vulgaris in neonatal BALB/c mice: A time course study of clinical, immunologic, ultrastructural and cytochemical changes. **J Invest Dermatol**, 84(1):41-46, 1985.
10. Patel HP, Diaz LA, Anhalt GJ, Labib RS and Takahashi Y: Demonstration of pemphigus antibodies on the cell surface of murine epidermal cell monolayers and their internalization. **J Invest Dermatol**, 83(6):409-415, 1984.
11. Mutasim DF, Takahashi Y, Labib RS, Anhalt GJ, Patel HP and Diaz LA: A pool of bullous pemphigoid antigen(s) is intracellular and associated with the basal cell cytoskeleton-hemidesmosome complex. **J Invest Dermatol**, 84(1):47-53, 1985.
12. Labib RS, Anhalt GJ, Patel HP and Diaz LA: Epidermal proteins: I. Differential extraction and quantitative polyacrylamide gel-electrophoretic analysis of basal and spinous-cell proteins of neonatal mouse epidermis. **Arch Dermatol Res**, 277:253-263, 1985.
13. Unis ME, Pfau RG, Patel H, Takahashi Y, Anhalt GJ: An acquired form of epidermolysis bullosa without immunoreactants. **J Am Acad Dermatol**, 13(2):377-380, 1985.
14. Takahashi Y, Mutasim DF, Patel HP, Anhalt GJ, Labib RS and Diaz LA: The use of human pemphigoid autoantibodies to study the fate of epidermal basal cell hemidesmosomes after trypsin dissociation. **J Invest Dermatol**, 85:309-313, 1985.
15. Roscoe JT, Diaz LA, Sampaio APS, Castro RM, Labib RS, Takahashi Y, Patel HP and Anhalt GJ: Brazilian pemphigus foliaceus autoantibodies are pathogenic to BALB/c mice by passive transfer. **J Invest Dermatol**, 85:538-541, 1985.
16. Anhalt GJ, Patel HP, Labib RS, Diaz LA and Proud DA: Dexamethasone inhibits plasminogen activator activity in experimental pemphigus in vivo but does not block acantholysis. **J Immunol**, 136:113-117, 1986.
17. Labib RS, Anhalt GJ, Patel HP, Mutasim DF and Diaz LA: Molecular heterogeneity of the bullous pemphigoid antigens as detected by immunoblotting. **J Immunol**, 136(4):1231-1235, 1986.
18. Roscoe JT, Naylor PH, Diaz LA, Labib RS, Patel HP, Goldstein AL, Sampaio SAP and Anhalt GJ: Elevated thymosin alpha one levels in Brazilian pemphigus foliaceus. **Br J Dermatol**, 115:147-150, 1986.
19. Anhalt GJ, Till GO, Diaz LA, Labib RS, Patel HP, and Eaglstein NF. Defining the role of complement in experimental pemphigus in mice. **J Immunol**, 137:2835-2840, November, 1986.
20. Diaz LA, Anhalt GJ, Hosokawa H, and Takahashi Y. Bullous pemphigoid antigens. **Keio Journal of Medicine**, (Japan) 35:69-79, 1986.
21. Mutasim D, Anhalt GJ, Diaz LA, and Patel HP. Linear immunofluorescence staining of the cutaneous basement membrane zone produced by pemphigoid antibodies: The result of hemidesmosome staining. **J Amer Acad Dermatol**, 16:75-82, 1987.
22. Katz R, Hood AF, Anhalt GJ. Captopril-induced pemphigus-like eruption. (Letter) **Arch Dermatol**, 123:20-21,1987.
23. Livingston JZ, Scott TE, Wigley FM, Anhalt GJ, Bias WB, McLean RH, and Hochberg MC. Systemic sclerosis (Scleroderma): Clinical, genetic and serologic subsets. **J Rheumatol**, 14:512-518, 1987.
24. Zebede MS, Anhalt GJ, Nsouli TM, Nsouli SM, and Bellanti JA. Diffuse bullous eruption in a 3 month old infant. **Ann Allergy**, 58(1), 12-13 and 63-66, 1987.
25. Anhalt GJ, Jampel HD, Patel HP, Diaz LA, Jabs DA, and Mutasim DF. Bullous pemphigoid autoantibodies are markers of corneal epithelial hemidesmosomes. **Invest Ophth Vis Sci**, 28:903-907, 1987.
26. Rowinsky EK, McGuire WP, Anhalt GJ, Ettinger DS, and Donehower RC. Hexamethylene bisacetamide (HMBA) - induced cutaneous vasculitis. **Cancer Treatment Reports**, 71:471-474, 1987.
27. Diaz LA, Sampaio SAP, Rivitti EA, Macca ML, Roscoe JT, Takahashi Y, Labib RS, Patel HP, Mutasim DF, Dugan EM and Anhalt GJ: An autoantibody in pemphigus serum specific for the 59 kD keratin selectively binds the surface of keratinocytes: Evidence for an extracellular keratin domain. **J Invest Dermatol**, 89:287-295, 1987.
28. Matis W, Anhalt GJ, Martins C, Diaz LA, and Berger R. Calcium enhances the sensitivity of immunofluorescence for pemphigus antibodies. **J Invest Dermatol**, 89:302-304, 1987.
29. Anhalt, GJ: Autoantibodies and cell-to-cell detachment in pemphigus. (Editorial) **J Lab Clin Med**, Vol. 3, No. 1:13-14, 1988.
30. Morrison L, Labib RS, Zone JJ, Diaz LA, and Anhalt GJ. Herpes gestationis autoantibodies recognize a 180kD epidermal antigen. **J Clin Invest**, 81:2023-2026, 1988.
31. Mutasim DF, Morrison LH, Takahashi Y, Labib RS, Skouge J, Diaz LA, and Anhalt GJ: Definition of bullous pemphigoid antibody binding to intracellular and extracellular antigen associated with hemidesmosomes. **J Invest Dermatol**, 92:225-230, 1989.
32. Diaz LA, Sampaio SAP, Rivitti EA, Martins CR, Cunha PR, Lombardi C, Almeida FA, Martins-Castro R, Macca ML, Lavrado C Filho GH, Borges PC, Chaul A, Minelli L, Empinotti JC, Friedman H, Campbell I, Labib RS, and Anhalt GJ: Endemic Pemphigus Foliaceus (Fogo Selvagem): II. Current and Historic Epidemiologic Studies. **J Invest Dermatol**, 92:4-12, 1989.
33. Squiquera HL, Diaz LA, Sampaio SAP, Rivitti EA, Martins CR, Cunha PR, Lombardi C, Lavrado C Filho GH, Borges PC, Friedman H, Labib RS, Anhalt GJ and the Cooperative Group On Fogo Selvagem Research: Serological Abnormalities in Patients with Endemic Pemphigus Foliaceus (Fogo Selvagem), their Relatives and Normal Donors from Endemic and Non-Endemic Areas. **J Invest Dermatol**, 91:189-191, 1988.
34. Diaz LA, Sampaio SAP, Rivitti EA, Martins CR, Cunha PR, Lombardi C, Almeida FA, Martins-Castro R, Macca ML, Lavrado C Filho GH, Borges PC, Chaul A, Minelli L, Empinotti JC, Friedman H, Campbell I, Labib RS, and Anhalt GJ: Endemic Pemphigus Foliaceus (Fogo Selvagem): I. Clinical Features and Immunopathology. **J Amer Acad Dermatol**, 20:657-669, 1989.
35. Diezel VW, Gruner S, Anhalt GJ, Strunk D, Shanks M, Sönnichsen N: Kontaktüberempfindlichkeit (DNCB-test) und hemmung durch den calcium-kanal-blocker diltiazem. **Dermatol Mon-schr**, 175:170-174, 1989.
36. Rock B, Martins CR, Theofilopoulos AN, Balderas RS, Anhalt GJ, Labib RS, Futamura S, Rivitti EA, and Diaz LA: The pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus. **New Eng J Med**, 320:1463-1469, 1989.
37. Diezel W, Gruner S, Diaz LA, and Anhalt GJ. Inhibition of cutaneous contact hypersensitivity by calcium transport inhibitors lanthanum and diltiazem. **J Invest Dermatol**, 93:322-326, 1989.
38. Labib RS, Camargo S, Futamura S, Martins C, Rock B, Anhalt GJ, Diaz LA: The pemphigus foliaceus antigen: Characterization of a keratinocyte envelope associated pool and preparation of a soluble immunoreactive fragment. **J Invest Dermatol**, 93:272-279, 1989.
39. Futamura S, Martins CR, Rivitti EA, Labib RS, Diaz LA, Anhalt GJ. Ultrastructural studies of acantholysis induced in vivo by passive transfer of IgG from endemic pemphigus foliaceus (fogo selvagem). **J Invest Dermatol**, 93:480-485, 1989.
40. Yokel BK, Hood AF, Anhalt GJ: Induction of Acantholysis in Organ Explant Culture by D-penicillamine and Captopril. **Arch Dermatol** 125:1367-1370, 1989.
41. Joyce AP, Horn TD, and Anhalt GJ: Prurigo Pigmentosa: A case report and review of the literature. **Arch Dermatol**, 125:1551-1554, 1989.
42. Dugan EM, Labib RS, Anhalt GJ and Diaz LA: Selective Surface Radioiodination of Keratinocytes in Primary Culture Labels a 59 kD Keratin and Other Surface Proteins. **Arch Derm Res**, 281:463-469, 1989.
43. Moran KT, Anhalt GJ, O'Reilly TJ, Thupari JN, and Munster AM: Autoantibody formation in burn patients after inhibition of suppressor T cell activity with Polymyxin B. **J Burn Care & Rehab**, 10:213-215, 1989.
44. Gruner S, Diezel W, Strunk D, Zwirner A, Sönnichsen, Anhalt GJ: Stimulation of the recruitment of epidermal Langerhans cells by splenopentin. **Arch Dermatol Res**, 281:526-529, 1990.
45. Robledo MA, Kim SC, Labib RS, Korman NJ, Stanley JR, Futamura S, and Anhalt GJ. Studies of the relationship of the 230 KD and 180 KD bullous pemphigoid antigens. **J Invest Dermatol**, 94:908-913, 1990.
46. Diaz LA, Ratrie H, Saunders W, Futamura S, Squiquera HL, Anhalt GJ, and Guidice GJ. Isolation of a human epidermal cDNA corresponding to the 180 kD autoantigen recognized by bullous pemphigoid and herpes gestationis sera. Immunolocalization of this protein to the hemidesmosome. **J Clin Invest**, 86:1088-1094, 1990.
47. Anhalt GJ, Kim SC, Stanley JR, Korman NJ, Jabs DA, Kory M, Izumi H, Ratrie H, Mutasim D, Ariss-Abdo L, and Labib RS. Paraneoplastic pemphigus: An autoimmune mucocutaneous disease associated with neoplasia: **New Engl J Med**, 323:1729-1735, 1990.
48. Anhalt GJ and Morrison LH. Bullous and cicatricial pemphigoid. **J Autoimmunity**, 4:17-35, 1991.
49. Morrison LH, and Anhalt GJ. Herpes Gestationis. **J Autoimmunity**, 4:37-45, 1991.
50. Diezel W, Gruner S, Strunk D, Eckert, Siems W, and Anhalt GJ. Inhibition of Langerhans cell ATPase and contact sensitization by lanthanides - role of T suppressor cells. **J Invest Dermatol**, 97:478-482, 1991.
51. Labib RS, Rock B, Robledo MA, Anhalt GJ. The calcium sensitive epitope of pemphigus foliaceus antigen is present on a murine tryptic fragment and constitutes a major antigenic region for human autoantibodies. **J Invest Dermatol**, 96:144-147, 1991.
52. Diezel W, Shanks M, Anhalt GJ. Contact dermatitis - new pathogenetic aspects and suppression by magnesium ions. **Z Hautkr**, 66(5)436-438, 1991.
53. Fullerton SH, Woodley DT, Smoller B, Anhalt GJ. Paraneoplastic pemphigus with immune deposits in bronchial epithelium. **JAMA,** 267(11):1550-1502, 1992.
54. Diezel W, Gruner S, Anhalt GJ. ATPase-positive epidermal Langerhans cells: Inhibition of the ATPase by ammonium bituminosulfonate (Ichthyol) and Pix lithanthracis. **Der Hauzarzt**, 43:22-24, 1992.
55. Oursler J, Ariss-Abdo L, Labib RS, O'Keefe E, Burke T, Anhalt GJ. Human autoantibodies against desmoplakins in paraneoplastic pemphigus. **J Clin Invest**, 89:1775-1782, 1992.
56. Horn TD and Anhalt GJ. Histologic features of paraneoplastic pemphigus. **Arch Dermatol,** 128(8):1091-1095, 1992.
57. Finzi E, Ho T, Anhalt GJ, Hawkins W, Harkins R, Horn T. Localization of TGF- in human appenageal tumors. **Am J Pathol**, 141:643-653, 1992.
58. Labib RS, Izumi H, Santana H, Rock B, and Anhalt GJ. Purification of immunoprecipitated pemphigus foliaceus antigen fragment and its use in radioimmunoassay. **J Invest Dermatol**, 99:819-834, 1992.
59. Siegel MS, Anhalt GJ. Direct immunofluorescence of detached gingival epithelium for diagnosis of cicatricial pemphigoid: report of five cases. **Oral Surg Oral Med Oral Path**, 75:296 - 302, 1993.
60. Jabs EW, Tuck-Muller C, Anhalt GJ, Earnshaw W, Wise RA, and Wigley F. Cytogenetic survey in systemic sclerosis: correlation of aneuploidy with the presence of anticentromere antibodies. **Cytogenetics and Cell Genetics**, 63:169-175, 1993.
61. Stevens SR, Griffiths CEM, Anhalt GJ, Cooper, KD. Paraneoplastic pemphigus presenting as a lichen planus pemphigiodes-like eruption. **Arch Dermatol**, 129:866-869, 1993.
62. Berg WE, Fishman EK, Anhalt GJ. Retroperitoneal reticulum cell sarcoma: a cause of paraneoplastic pemphigus. **Southern Med J**, 86(2):249-250, 1993.
63. Fried RG, Lynfield Y, Vitale P, Anhalt GJ. Paraneoplastic pemphigus appearing as bullous pemphigoid-like eruption after palliative radiation therapy. **J Amer Acad Dermatol**, 29(5):815-817, 1993.
64. Mehregan DR, Oursler JR, Leiferman KM, Muller SA, Anhalt GJ, Peters MS. Paraneoplastic pemphigus: a subset of patients with pemphigus and neoplasia. **J Cutan Pathol**, 20:203-210, 1993.
65. Giudice GJ, Emery DJ, Zelickson BD, Anhalt GJ, Liu Z, Diaz LA. Bullous pemphigoid and herpes gestationis autoantibodies recognize a common non-collagenous site on the BP180 ectodomain. **J Immunol**, 151:1-9, 1993.
66. Giudice GJ, Wilske K, Anhalt, GJ, Fairley JA, Taylor AF, Emery DJ, Hoffman RG, Diaz LA. Development of an ELISA to detect anti-BP180 autoantibodies in bullous pemphigoid and herpes gestationis. **J Invest Dermatol**. 102:878-881, 1994.
67. Domloge-Hultsch N, Anhalt GJ, Gammon WR, Lazarova Z, Briggaman R, Welch M, Jabs DA, Huff C, Welch M, Yancey KB. Anti-epiligrin cicatricial pemphigoid: A subepithelial bullous disorder of mucous membranes. **Arch Dermatol**. 130:1521 - 1529, 1994.
68. Christiano AM, Anhalt GJ, Gibbons S, Bauer EA, Uitto J. Premature termination codons in the type VII collagen gene (COL7A1) underlie the severe, mutilating (Hallopeau-Siemens) type of recessive dystrophic epidermolysis bullosa. **Genomics**. 21(1):160-168, 1994.
69. Casciola-Rosen LA, Anhalt GJ, Rosen A. Autoantigens targeted in systemic lupus erythematosus are clustered in two populations of surface structures on apoptotic keratinocytes. **J Exp Med**, 179:1317-1330, 1994.
70. Casciola-Rosen LA, Miller DK, Anhalt GJ, Rosen A. Specific cleavage of the 70kDa protein component of the U1 small nuclear ribonucleoprotein is a characteristic biochemical feature of apoptotic cell death. **J. Biol. Chem.**, 269:49;30757 - 30760, 1994.
71. Foedinger D, Anhalt GJ, Boecskoer B, Elbe A, Wolff K, and Rappersberger K. Autoantibodies to desmoplakin I and II in patients with erythema multiforme. **J Exp Med**, 181: 169 - 179, 1995.
72. Helou J, Allbritton J, and Anhalt GJ. Accuracy of indirect immunofluorescent testing in the diagnosis of paraneoplastic pemphigus. **J Amer Acad Dermatol**,32:441-447, 1995.
73. Kirsner, RS, Anhalt GJ, Kerdel FA. Treatment with alpha interferon associated with the development of paraneoplastic pemphigus. **Brit. J. Dermatol**. 132: 474-478, 1995.
74. Ståhle-Backdähl M, Hedblad MA, Skoglund C, Fagerholm P, Anhalt GJ. Paraneoplastic pemphigus: A report of two patients responding to cyclosporine. **Eur J Dermatol.** ,5: 671 - 675, 1995.
75. Williams MA, Dowling PM, Angarano DW, Yu AA, DiFranco BJ, Lenz SD, Anhalt GJ. Paraneoplastic bullous stomatitis in a horse. **J Am Vet Med Assoc**. 207 (3): 331-334, 1995.
76. Jansen T, Plewig G, Anhalt GJ. Paraneoplastic pemphigus with clinical features of erosive lichen planus associated with Castleman's tumor. **Dermatology** 190(3): 245 - 250, 1995.
77. Casciola-Rosen, Anhalt GJ, Rosen A. DNA-Dependent protein kinase is one of a subset of autoantigens specifically cleaved early during apoptosis. **J. Exp. Med.** 182: 1625 - 1624, 1995.
78. Foedinger D, Sterniczky B, Elbe A, Anhalt G, Wolff K, Rappersberegr K. Autoantibodies against desmoplakin I and II define a subset of patients with erythema multiforme major. **J. Invest. Dermatol.** 106: 1012 - 1016, 1996.
79. Gott VL, Laschinger JC, Cameron DE, Dietz HC, Greene PS, Gillinov AM, Pyeritz RE, Alejo DE, Fleischer KJ, Anhalt GJ, Stone CD, McKusick VA. The Marfan Syndrome and the Cardiovascular Surgeon.  **Eur J Cardio-thorac Surgery**. 10: 149 - 158, 1996.
80. Bialy-Golan A, Brenner S, Anhalt GJ. Paraneoplastic pemphigus: Oral involvement as the sole manifestation. **Acta Dermato-Venerologica**, 76;3:253 - 254. 1996.
81. Fleischer KJ, Nousari HC, Anhalt GJ, Laschinger JC. Immunohistochemical abnormalities of fibrillin in cardiovascular tissues in Marfan Syndrome. **Ann Thorac. Surg**., 63:1012 - 1017, 1997.
82. Brenner S, Bialy-Golan A, Anhalt GJ. Recognition of pemphigus antigens in drug-induced pemphigus vulgaris and foliaceus. **J Amer Acad Dermatol**, 36:919-923, 1997.
83. Chan LS, Majmudar AA, Tran HH, Meier F, Schaumburg-Lever G, Chen M, Anhalt GJ, Woodley DT, Marinkovich MP. Laminin-6 and laminin-5 are co-target antigens in a subset of cicatricial pemphigoid. **J. Invest. Dermatol**. 108:848-853, 1997.
84. Whitmore ES, Anhalt GJ, Provost TT, Zacur HA, Hamper UM, Helzsouer KJ, Rosenshein NB. Serum CA-125 screening for ovarian cancer in patients with dermatomyositis. **Gynecologic Oncology**, 65: 241-244, 1997.
85. Allbritton JI, Nousari HC, and Anhalt GJ. Anti-epiligrin (laminin 5) cicatricial pemphigoid. **Br. J. Dermatol.** 137:992-996, 1997.
86. Morison W, Anhalt GJ. Therapy with oral psoralen plus UV-A for erythema multiforme (Letter). **Arch Dermatol** 133;11:1465 - 1466, 1997.
87. Schlesinger T, McCarron K, Camisa C, Anhalt G. Paraneoplastic pemphigus occurring in a patient with B-cell non-Hodgkin’s lymphoma. **Cutis** 61;2:94-96, 1998.
88. Kim SC, Chang SD, Anhalt GJ, Rapk ET, Jeong CW, Lee CW , Ahn CM. Paraneoplastic pemphigus with localized mucosal lesions and severe pulmonary involvement. **Br. J. Dermatol**, 138; 667 - 671, 1998.
89. Van der Wall RIF, Pas HH, Anhalt GJ, Schulten EAJM, Jonkman MF and Niebor C. Paraneoplastic pemphigus as the presenting symptom of a lymphoma of the tongue. **Oral Oncology**, 34: 567-570, 1998.
90. Nousari HC, Griffin WA, and Anhalt GJ. Successful therpay of bullous pemphigoid with mycophenolate mofetil. **J Amer Acad Dermatol**, 39:497- 498, 1998.
91. Mahler V, Antoni C, Anhalt GJ, Koch HJ,Peters KP, Manager B, Kalden JR, Hornstein OP. Graft vs. Host - like mucocutaneous eruptions with serologic features of paraneoplastic pemphigus and systemic lupus erythematosus in a patient with non-Hodgkin’s lymphoma.. **Dermatology** 197:78-83, 1998.
92. Nousari HC, Costarangos C, Anhalt GJ. Vancomycin-induced linear IgA bullous dermatosis: an immunologically-mediated drug eruption.(letter) **Annals Int Med**, 129:507-508, 1998.
93. Amagai M, Nishikawa T, Nousari HC, Anhalt GJ, Hashimoto T. Antibodies against desmoglein 3 (pemphigus vulgaris antigen) are present in sera from patients with paraneoplastic pemphigus and cause acantholysis in vivo in neonatal mice. **J. Clin Invest,** 102:775-782, 1998.
94. Cohen SS, Hemdier BG, Anhalt GJ, Blauvelt A. No evidence of human herpesvirus 8 infection in patients with paraneoplastic pemphigus, pemphigus vulgaris or pemphigus foliaceus. **J. Invest. Dermatol**, 111:781-783, 1998.
95. Nousari HC, Kimyai-Asadi A, Ketabchi N, Hughes M, Anhalt GJ. A patient with a refractory cutaneous bullous eruption. **J Cutan Med Surg**. 3:201-204, 1999.
96. Nousari HC, Sragovich A, Kimyai-Asadi A, Orlinsky D, Anhalt GJ. Mycophenolate mofetil in autoimmune and inflammatory skin disorders. **J. Am. Acad. Dermatol**, 40:265-268, 1999.
97. Nousari HC, Lynch W, Petri M, Anhalt GJ. The effectiveness of mycophenolate mofetil in refractory pyoderma gangrenosum. **Arch. Dermatol**, 134:1509-1511, 1998.
98. Nousari HC, Rencic A, Hsu R, Yancey KB, Anhalt GJ. Anti-epiligrin cicatricial pemphigoid with antibodies against the gamma-2 subunit of laminin 5. **Arch. Dermatol**., 135;173-176, 1999.
99. Nousari HC, Kimyai-Asadi A, Ketabchi N, Diaz LA, Anhalt GJ. Severe non-endemic pemphigus foliaceus presenting in the post-partum period. **J. Am. Acad. Dermatol**, 40;845-846, 1999.
100. Schein OD, Hochberg MC, Munoz B, Tielsch JM, Bandeen-Roche K, Provost TT, Anhalt GJ, West S. Dry eye and dry mouth in the elderly: A population based assesment. **Arch Int Med**, 159:1359-1363, 1999.
101. Nousari HC, Kimyai-Asadi A, Caeiro JP, Anhalt GJ. Clinical, demographic and immunohistologic features of vancomycin-induced linear IgA bullous disease. **Medicine** (Baltimore), 78:1-8, 1999.
102. Sapadin AN, Anhalt GJ. Paraneoplastic pemphigus with a pemphigus vegetans-like plaque as the only cutaneous manifestation. **J. Amer. Acad. Dermatol**. 39 (5) Part 2:867-871, 1998.
103. Kiyokawa C, Rurhberg C, Nie Z, Karashima T, Mori O, Nishikawa T, Green KJ, Anhalt GJ, DiColandrea T, Watt F, Hashimoto T. Envoplakin and periplakin are components of the paraneoplastic pemphigus antigen complex. **J Invest Dermatol** (letter): 111;1236-1238, 1998.
104. Nousari HC, Anhalt GJ, Diaz LA. Penfigo parneoplastico. **Dermatologia Argentina** 4:301-310, 1998.
105. Nousari H, Kimyai-Asadi A, Anhalt GJ. Elevation of serum interleukin-6 levels in paraneoplastic pemphigus. **J Invest Dermatol**, 112: 396-398, 1999.
106. de Bruin A, Muller E, Wyder M, Anhalt GJ, Lemmens P, Suter MM. Peri- and envoplakin are target antigens in canine and human paraneoplastic pemphigus. **J Amer Acad Dermatol**, 40: 682-685, 1999.
107. Anhalt GJ. Making sense of antigens and antibodies in pemphigus (Editorial). **J Amer Acad Dermatol**, 40;763-766,1999.
108. Nousari HC, Deterding R, Wojtczack H, Aho S, Uitto J, Hashimoto T, Anhalt GJ. The mechanism of respiratory failure in paraneoplastic pemphigus. **New Engl J Med**, 340;1406-1410, 1999.
109. Nousari HC, Brodsky RA, Jones RJ, Grever MR, Anhalt GJ. Immunoablative high-dose cyclophosphamide without stem cell rescue in paraneoplastic pemphigus: Report of a case and review of this new therapy for severe autoimmune disease. **J Amer Acad Dermatol.** 40: 750 - 754, 1999.
110. Chorzelski TP, Hashimoto T, Amagai M, Sysa-Jedrzejowska A, Choczaj A, Nousari HC, Anhalt GJ, Jablonska S. Paraneoplastic pemphigus with cutaneous and serologic features of pemphigus foliaceus. **Br. J. Dermatol**. 141:357-359, 1999.
111. Nousari HC, Anhalt GJ, Morison WL. Mycophenolate in psoralen-UV\_A desensitization therapy for chronic actinic dermatitis. **Arch Dermatol**. 135: 1128-1129, 1999.
112. Nousari HC, Anhalt GJ. The role of mycophenolate mofetil in the management of pemphigus.(Letter) **Arch Dermatol**. 135: 853-854, 1999.
113. Mascaro JM Jr., Ferrando J, Sole MT, Alsina M, Nousari HC, Anhalt GJ, Font J, Mascaro JM. Paraneoplastic pemphigus: a case of long term survival associated with systemic lupus erythematosus and polymyositis. **Dermatology** 199:63-66, 1999.
114. Nousari HC, Goyal S, Anhalt GJ. Successful treatment of resistant hypertrophic and bullous lichen planus with mycophenolate mofetil (Letter). **Arch Dermatol**. 135:1420 - 1421, 1999.
115. Nousari HC, Anhalt GJ. Pemphigus and Bullous Pemphigoid. **The Lancet** 354:667-672, 1999.
116. Anhalt GJ, Nousari HC, Deterding R. The mechanism of respiratory failure in paraneoplastic pemphigus. (Letter). **New Engl. J. Med**. 341:848, 1999.
117. Chorzelski T, Hashimoto T, Macciejewska B, Amagai M, Anhalt GJ, Jablonska S. Paraneoplastic pemphigus associated with Castleman tumor, myasthenia gravis and bronchiolitis obliterans. **J Amer Acad Dermatol**. 41: 3; 393-400, 1999.
118. Sole TM, Ferrando J, Alsina M, Anhalt GJ, Mascaro JM. Long term regression of paraneoplastic pemphigus after surgical excision of associated Castleman's tumor. **Dermatol.** in press, 2001.
119. Van der Waal RIF, Pas HH, Nousari HC, Schulten EAJM, Jonkman MF, Nieboer C Starink TM, and Anhalt GJ,. Paraneoplastic pemphigus caused by an epithelioid leiomyosarcoma and associated with fatal respiratory failure. **Oral Oncology**, 2000, July 1:36;390-393.
120. Nousari HC, Anhalt GJ. Bullous pemphigoid treated with leflunomide, a novel immunomodulatory agent. **Arch Dermatol**,2000, 136: 1204 - 1205.
121. Bowen GM, Peters NT, Fivenson DP, Su LD, Nousari HC, Anhalt GJ, Cooper KD, Stevens SR. Lichenoid dermatitis in paraneopastic pemphigus: a pathogenic trigger of epitope spreading? **Arch Dermatol**. 2000; 136: 652-656.
122. Sallout H, Anhalt GJ, Al-Kawas FH. Cicatricial pemphigoid presenting with isolated esophageal involvement: A case report. **Gastrointestinal Endoscopy**, 2000; 52:429-433.
123. Geyer AS, Anhalt GJ, Nousari HC. Effectiveness of infliximab in the treatment of refractory perineal cutaneous Crohns disease. **Arch Dermatol**. 2000; 136: 459-460.
124. Abraham SC, Ravich WJ, Anhalt GJ, Yardley JH, Wu TT. Esophageal lichen planus: case report and review of the literature. **Am J Surg Path**. 2000;24:1678-1682.
125. Obasanjo OO, Wu P, Conlon M, Karanfil L, Pryor P, Moler G, Anhalt GJ, Chaisson RE, Perl TM. An outbreak of scabies in a teaching hospital., **Infection Control and Hospital Epidemiology**, 2001;22: 13 - 18.
126. Nousari HC, Moresi M, Klapper M, Anhalt GJ. Nonendemic pemphigus foliaceus presenting as fatal bullous erythema multiforme. **Cutis** 67;251 - 252, 2001.
127. Inaoki M, Kodera M, Fujimoto A, Nousari HC, Anhalt GJ, Takehara K. Paraneoplastic pemphigus without anti-desmoglein 3 or anti-desmoglein 1 antibodies. **Br J Dermatol** 2001;144:610-613.
128. Ohyama M, Amagai M, Hashimoto T, Nousari HC, Anhalt GJ, Nishikawa T. Clinical phenotype and anti-desmoglein autoantibody profile in paraneoplastic pemphigus. J **Amer Acad Dermatol**, 44;593-598, 2001.
129. Anhalt GJ, Diaz LA. Prospects for autoimmune disease:Research Advances in Pemphigus. **JAMA** 2001; 285:652-654.
130. Anhalt GJ. Paraneoplastic pemphigus: the role of tumors and drugs. (Editorial) **Br J Dermatol**, 144; 1101-1104, 2001.
131. Brenner S,Tur E, Shapiro J, Ruocco V, D’Avino M, Ruocco E, Tsankov N, Vassileva S, Drenovska K, Bresoev P, Barnadas M, Gonzales M, Anhalt GJ, Nousari H, Ramos e Silva M, Pinto K, Miranda M. Pemphigus vulgaris: environmental factors, occupational, behavioural, medical and qualitative food frequency questionnaire. **Int. J. Dermatol**., 40;562-569, 2001
132. Nousari HC, Kimyai-Asadi A, Anhalt GJ. Chronic idiopathic acrocyanosis. **J Am Acad Dermatol**. 45:S207-208, 2001.
133. Chan LS, Ahmed AR, Anhalt GJ, et al. The first international consensus on mucous membrane pemphigoid: definition, diagnostic criteria, pathogenic features, medical treatment and prognostic indicators. **Arch Dermatol**. 138: 370-379, 2002.
134. Mutasim DF, Anhalt GJ. Bullous diseases in the eldely. **Clin Geriatr Med**. 18:43-58, 2002.
135. Mimouni D, Anhalt GJ, Lazarova Z, Aho S, Kazerounian S, Kouba DJ, Mascaro JM, Nousari HC. Paraneoplastic pemphigus in children and adolescents. **Br. J. Dermatol**. 147;725-732, 2002.
136. Srivastava M, Rencic A, Diglio G, Santana H, Bonitz P, Watson R, Ha E, Anhalt GJ, Provost T, Nousari HC. Drug-induced Ro/SSA positive cutaneous lupus erythematosus. **Arch Dermatol**, 139;45-49, 2003.
137. Mimouni D, Anhalt GJ, Kouba DJ, Nousari HC. Infliximab for peristomal pyoderma gangrenosum. **Br. J. Dermatol**. 148:813-816, 2003.
138. Yoo SS, Tran M, Anhalt GJ, Barrett T, Vonderheid EC. Disseminated cryptococcis in the setting of prednisone monotherpay for pephigus vulgaris. **J Dermatol**. 30:405-410, 2003.
139. Nikolskaia OV, Nousari HC, Anhalt GJ. Paraneoplastic pemphigus in association with Castleman’s disease. **Br. J. Dermatol**., 149:1143-51, 2003.
140. Mimouni D, Anhalt GJ, Cummins DL, Kouba DJ, Thorne J, Nousari HC. Treatment of pemphigus vulgaris and foliaceus with mycophenolate mofetil. **Arch Dermatol**., 139:739-742, 2003.
141. Nousari HC, Brodsky R, Anhalt GJ. Evaluating the role of immunoablative high-dose cyclophosphamide therapy in pemphigus vulgaris. **J Am Acad Dermatol**. 49:148-150, 2003.
142. Thorne JE, Jabs DA, Nikolskaia O, Anhalt GJ, Nousari HC. Discoid lupus erythematosus and cicatrizing conjunctivitis: clinicopathologic study of two cases. **Ocul Immunol Inflamm** 10:287-292, 2002.
143. Hoffman MA, Qiao X, Anhalt GJ. CD8+ T lymphocytes in bronchiolitis obliterans, paraneoplastic pemphigus and solitary Castleman’s disease. **New Engl J Med**. 349:407-408, 2003.
144. Thorne JE, Jabs DA, Nikolskaia O, Mimouni D, Anhalt GJ, Nousari HC. Lichen planus and cicatrizing conjunctivitis: characterization of five cases. **Am J Ophth**. 136:239-243, 2003.
145. Cummins DL, Mimouni D, Anhalt GJ, Nousari HC. Oral cyclophosphamide for the treatment of pemphigus vulgaris and foliaceus. **J Am Acad Dermatol**. 49:276-280, 2003.
146. Geyer AS, Zillikens D, Skrobek C, Cohen B, Anhalt GJ, Nousari HC. Vesicular pemphigoid in a 16 year old boy. **J Am Acad Dermatol**. 49:722-724, 2003.
147. Schadlow MB, Anhalt GJ, Sinha AA. Using rituximab (anti-CD 20 antibody) in a patient with paraneoplastic pemphigus. **J Drugs Dermatol**, 2:564-7, 2003
148. Mimouni D, Nousari HC, Cummins DL, Kouba DJ, David M, Anhalt GJ. Differences and similarities among expert opinions on the diagnosis and treatment of pemphigus vulgaris. **J Am Acad Dermatol**. 49:1059-1062, 2003.
149. Ahmed AR, Dahl MV et al. Consensus statement on the use of innravenous immunoglobulin therapy in the treatment of autoimmune mucocutaneous blistering diseases. **Arch. Dermatol**. 139;1051-1059, 2003
150. Anhalt GJ. Paraneoplastic pemphigus. **J Invest Dermatol Symp Proc**. 2004:9; 29-33.
151. Mimouni D, Foedinger D, Kouba DJ, Orlow SJ, Rappersberger K, Sciubba JJ, Nikolskaia O, Cohen BA, Anhalt GJ, Nousari HC. Mucosal dominant pemphigus vulgaris with anti-desmoplakin antibodies. **J Am Acad Dermatol**, 51: 62-67, 2004.
152. Thorne JE, Anhalt, GJ, Jabs DA. Mucous membrane pemphigoid and pseudopemphigoid. **Ophthalmology** 111:45-52, 2004.
153. Anhalt GJ. Paraneoplastic Pemphigus. **J Invest Dermatol. Symp Proc.** Jan 9 (1):29-33, 2004.
154. Kaplan I, Hodak E, Ackerman L, Mimouni D, Anhalt GJ, Calderon S. Neoplasms associated with paraneoplastic pemphigus: a review with emphasis on non-hematologic malignancy and oral mucosal manifestations. **Oral Oncol** 40: 553-62, 2004.
155. Anhalt GJ, Diaz LA. Pemphigus vulgaris - a model for cutaneous autoimmunity. **J Am Acad Dermatol**. July 2004, Supp, S20-21.
156. Mimouni, D, Foedinger, Anhalt GJ, Nousari CH, et al. Mucosal dominant pemphigus vulgaris with anti-desmoplakin antibodies. **J Am Acad Dermatol**. July 2004 ; 51:62-67.
157. Elmore SA, Basseches J, Anhalt GJ, Cullen, JM, Olivry T. Paraneoplastic pemphigus in a dog with splenic sarcoma. **Vet Pathol**, 2005; 42: 88-91.
158. Goldstein AT, Anhalt GJ, Klingman D, Burrows, LJ. Mucous membrane pemphigoid of the vulva. **Obstet Gynecol** 2005, 105; 1188-1190.
159. Mimouni D, Blank M, Ashkenazi L, Milner Y, Frusic-Zlotkin M, Anhalt GJ, David M. Protective effect of intravenous immunoglobulin in an experimental model of pemphigus vulgaris. **Clin Exp Immunol**. 2005: 142; 426-32.
160. Santi CG, Flores RS, Medina MM, Maruta CW, Aoki V, Anhalt GJ, Rivitti EA. Paraneoplastic pemphigus associated with pelvic inflammatory fibrosarcoma: a case report. **J Dermatol**. 2005:32; 1014-20.
161. Tran MM, Anhalt GJ, Barrett T, Cohen BA. Childhood IgA-mediated epidermolysis bullosa acquisita responding to mycophenolate mofetil as a corticosteroid-sparing agent. **J Amer Acad. Dermatol**. 2006:54; 734-6.
162. Scherr N, Anhalt GJ, Wigley F. Bullous pemphigoid in a patient with scleroderma. **J. Rheum**. 2006, 10: 2098
163. Olivia-Hemker M, Berkenblit GV, Anhalt GJ, Yardley JH. Pernicious anemia and widespread abscence of gastrointestinal endocrine cells in a patient with Autoimmune Polyglandular Syndrome Type I and malabsorption. **J Clin Endocrine Metab**. 91(8):2833-2838, 2006
164. Thorne JE, Anhalt GJ, Jabs DA, de la Cruz Z, Green WR. Role of electron microscopy in the diagnosis of ocular mucous membrane pemphigoid. **Ophthalmology** 2006;113:1651-1656.
165. Fonder MA, Cummins DL, Ehst BD, Anhalt GJ, Meyerle JH. Adalimumab therapy for recalcitrant pyoderma gangrenosum. **J Burns Wounds** 2006, 20:5:e8
166. Cummins DL, Mimouni D, Tzu J, Owens N, Anhalt GJ, Meyerle JH. Lichenoid Paraneoplastic pemphigus in the absence of detectable autoantibodies. **J Amer Acad. Dermatol**. 2007:1; 153-9.
167. Mamelak AJ, Eid MP, Cohen BA, Anhalt GJ. Rituximab therapy in severe juvenile pemphigus vulgaris. **Cutis** 2007;80; 335 – 340.
168. [Cummins DL](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Cummins%20DL%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstractPlus), [Anhalt GJ](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Anhalt%20GJ%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstractPlus), [Monahan T](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Monahan%20T%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstractPlus), [Meyerle JH. Treatment of pyoderma gangrenosum with intravenous immunoglobulin. H](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Meyerle%20JH%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstractPlus) [**Br J Dermatol.**](javascript:AL_get(this,%20'jour',%20'Br%20J%20Dermatol.');) 2007 : 157; 1235 - 1239.
169. Hosler, GA, Leigeois N, Anhalt GJ, Moresi JM. Transformation of gamma/delta T cell lymphoma following 15 years of indolent behavior. **J Cutaneous Pathology**. 2008: 35; 1063-1067.
170. Thorne JE, Woreta FA, Jabs DA, Anhalt GJ. Treatment of ocular mucous membrane pemphigoid with immunosuppressive drug therapy. **Ophthalmology** 2008: 115; 2146 – 2152.
171. Stefan Beissert1, Daniel Mimouni2, Amrinder Jit Kanwar3, Neil Solomons4, Veena Kalia4, Grant Anhalt5. Treating Pemphigus Vulgaris with Prednisone and Mycophenolate Mofetil: A Multicenter, Randomized, Placebo-Controlled Trial .**J.Invest.Dermatol** Aug; 130 (8) : 2041-8, 2010
172. Mimouni, M. Blank, A.S. Payne, G.J. Anhalt, C. Avivi, I. Barshack, M. David, Y. Shoenfeld. Efficacy of intravenous immunoglobulin (IVIG) affinity-purified anti-desmoglein anti-idiotypic antibodies in the treatment of an experimental model of pemphigus vulgaris. **Clin Exp Immunol**. 2010:162(3); 543-549
173. Amato AA and members of the Muscle Study Group. A randomized, pilot trial of etanercept in Dermatomyositis. **Ann Neurol**, 70(3):427-436, 2011
174. DeZern, ………… Anhalt GJ, et al. High dose cyclophosphamide without stem cell rescue in 207 patients with aplastic anemia and other autoimmune diseases. **Medicine (Baltimore),** 90(2): 89-98, 2011.
175. Leshem Y, Hodak E, David M, Anhalt GJ Mimouni D. Successful treatment of pemphigus with bi-weekly one gram infusions of rituximab: a retrospective study of 47 patients. **J Amer Acad Dermatol**, 68:404-411, 2013
176. Kalantari-Dehaghi M, Anhalt GJ, et al.. Pemphigus vulgaris autoantibody profiling by proteomic technique. **PLoS One** 2013;8(3):e57587

**ONLINE PUBLICTIONS**

1. Meyerle J, Anhalt GJ. Pemphigus, in **ePocrates Online**. British Medical Group. <https://online.epocrates.com/u/2911454/Pemphigus>.
2. Anhalt GJ. Paraenoplastic Pemphigus , in Up To Date

**BOOK CHAPTERS AND REVIEW ARTICLES**

1. Anhalt GJ and Dubin HV: Hemochromatosis and Cirrhosis: in Callen (Ed.), Cutaneous Aspects of Internal Disease. Yearbook Medical Publishers, Chicago, IL. Vol. 1, 1980, pp. 525-538.
2. Anhalt GJ and Diaz LA: The dermal-epidermal junction in normal and disease states. In: Progress in Diseases of the Skin, Vol. I. R. Fleischmajer, Editor, Grune & Stratton Inc. 1981, pp. 161-176.
3. Avalos-Diaz E, Anhalt GJ and Diaz LA: Penfigo y penicilamina. Conceptos recientes. Dermatologia, Revista Mexicana, 26(2-3):133-140, 1982.
4. Labib RS, Patel HP, Anhalt GJ and Diaz LA: The pemphigus antigens. In: Clinics in Dermatology. AR Ahmed, Editor, JP Lippincott Company, 1983, pp. 82-91.
5. Patel HP, Anhalt GJ and Diaz LA: Bullous pemphigoid and pemphigus vulgaris. Ann. Allergy 50:144-150, 1983.
6. Anhalt GJ, Labib RS, Patel HP and Diaz LA: Animal models in pemphigus. In: Clinics in Dermatology. AR Ahmed Editor, JP Lippincott Company, 1983, pp. 98-105.
7. Lee EB, Anhalt GJ, Voorhees JJ and Diaz LA: Pathogenesis of scleroderma: Current concepts. Int. J Dermatol 23:85-89, 1984.
8. Anhalt GJ: Bullous diseases. In: The Johns Hopkins Medical Grand Rounds. Benedict GW, Editor. Published by Johns Hopkins University, Office of Continuing Education. Baltimore, MD, Vol X, Program 10, June 1984.
9. Patel HP, Anhalt GJ, Provost TT and Diaz LA: Immunopathology of pemphigus vulgaris, bullous pemphigoid and related bullous dermatoses. In: Clinical Immunology Reviews, Vol. II. No.2, 157 - 186. RE Rockin, Editor, Marcel Dekker, 1984
10. Anhalt GJ and Diaz LA: Bullous diseases in animals. In: Models in Dermatology, Vol. 1. Maibach, HI and Lowe NJ (Editors), Karger Publishing, Inc., New York, NY, 1985, pp 1-11.
11. Anhalt GJ: Pemphigus and Pemphigoid: In: Conn's Current Therapy, 1985. R.E. Rakel, Editor, W.B. Saunders, Philadelphia, 1985, pp. 674-675.
12. Anhalt GJ and Diaz LA: Bullous diseases. In: International Ophthalmology Clinics. Callen J. (Editor). Little Brown and Co., Publishers, Boston, MA, Vol 25, No. 1, pp. 37 - 59, 1985.
13. Diaz LA, Anhalt GJ, Patel HP and Provost TT: Autoimmune cutaneous diseases. In: Autoimmune Diseases. NR Rose and IR Mackay, Editors, Academic Press, 1985, pp. 443-467.
14. Anhalt GJ, Patel HP and Diaz LA: Pemphigus vulgaris. In: Pathogenesis of Skin Disease. Thiers BH and Dobson RL (Editors). Churchill Livingstone Inc., New York, NY, 1986, pp. 131-142.
15. Diaz LA, Patel HP, Labib RS, Roscoe JT, Eaglstein NF and Anhalt GJ: Human pemphigus autoantibodies are highly pathogenic to squamous epithelium. Ann. NY Acad. Sci., 475: 181-191, 1986.
16. Eaglstein NF, Anhalt GJ, Patel HP and Diaz LA: Herpes Gestationis. In: Immunopathology of the Skin. Beutner EH, Chorzelski TP, and Kumar V. (Editors). John Wiley & Sons, New York, NY, pp. 371 - 378, 1987.
17. Roscoe JT, Anhalt GJ, Patel HP and Diaz LA: Recent advances in passive transfer studies of bullous diseases. In: Immunopathology of the Skin. Beutner EH, Chorzelski TP, and Kumar V (Editors). John Wiley & Sons, New York, NY, pp. 281 - 293, 1987.
18. Mutasim DF and Anhalt GJ: Bullous diseases. In: Stein's Textbook of Internal Medicine, 2nd edition. JH Stein (Editor-in-Chief), Little, Brown and Company, Boston, MA. pp. 1368 - 1372, 1987.
19. Patel HP and Anhalt GJ: Dermatitis - Eczematoid Disorders. In: Stein's Textbook of Internal Medicine, 2nd edition, JH Stein (Editor-in-Chief), Little, Brown and Company, Boston, MA, pp. 1377 - 1379, 1987.
20. Anhalt GJ and Patel HP: Psoriasis. In: Stein's Textbook of Internal Medicine, 2nd edition, JH Stein (Editor-in-Chief), Little, Brown and Company, Boston, MA, pp. 1374 - 1377, 1987.
21. Diaz LA and Anhalt GJ: Bullous Pemphigoid and other Basement Membrane Antigens. In: Clinics in Dermatology. AR Ahmed, Editor, JP Lippincott Company, 5:93-109, 1987.
22. Anhalt GJ and Diaz LA: Animals Models for Bullous Pemphigoid. In: Clinics in Dermatology. AR Ahmed, Editor, JP Lippincott Company, 5:117-125, 1987.
23. Anhalt GJ. Pemphigus. In Current therapy in Dermatology, Farmer ER and Provost TT (Eds.) B.C. Decker, Philadelphia. Second Edition, pp. 53 - 54, 1988.
24. Jabs DA and Anhalt GJ. Cicatricial pemphigoid. In Current therapy in Dermatology. Farmer ER and Provost TT (Eds.) B.C. Decker, Philadelphia. Second Edition, 56-57, 1988.
25. Anhalt GJ. The Biological Role of Proteinases and Their Inhibitors in Skin. Arch of Dermatol, 124:287, 1988.
26. Anhalt GJ and Diaz LA. In vivo studies of antibody dependent acantholysis. In: Immunologic mechanisms of skin diseases. Norris DA (Editor), Marcel Dekker, New York. pp. 291 - 316, 1989.
27. Morrison L, and Anhalt GJ. Pemphigus. In Current therapy in allergy and Immunology. Liechtenstein L and Fauci A (Eds.) B.C. Decker, Philadelphia. pp. 186 - 189, 1988.
28. Anhalt GJ. Blistering and erosive mucocutaneous diseases. In Autoimmunity Forum, Diaz LA (Ed), World Medical Communications Organization, Cedar Knolls, NJ. 1:14 - 15, 1989.
29. Squiquera LH, Anhalt GJ, Sampaio SAP, Rivitti EA, Martins CR, Diaz LA and "The Cooperative Group in Fogo Selvagem Research": La Immunopatogenia de los Penfigos. Med Cutanea Ibero-Americana, 1989, in press.
30. Anhalt GJ, Martins CR, Rivitti EA and Diaz LA: Endemic Pemphigus Foliaceus (Fogo Selvagem). Advances in Dermatology, (Callen, Dahl and Golitz, Editors), Year Book Medical Publishers, Chicago 4:73-93, 1989.
31. Anhalt GJ, Morrison LH. Pemphigoid: Bullous, Gestational, and Cicatricial. In Current Problems in Dermatology. WL Weston (Editor-in-Chief), Year Book Medical Publishers, Chicago, IL. Vol 1 No. 5, pp. 123-158, 1989.
32. Anhalt GJ. Drug-induced pemphigus. In Seminars in Dermatology, Rook AJ and Maibach HI (Eds.), W B Saunders, Philadelphia, Vol. 8 No. 3, pp. 166-172, December 1989.
33. Morrison LM, Diaz LA and Anhalt GJ: Bullous Pemphigoid. In Management of Blistering Diseases (Briggaman RA and Wojnarowska F, Editors), Chapman & Hall Ltd., London, England. pp. 63 - 82, 1990.
34. Mutasim DF, and Anhalt, GJ. Bullous diseases. in Stein's Textbook of Internal Medicine. 3rd edition. JH Stein (Editor-in-Chief), Little. Brown and Company, Boston, MA, 1990; pp. 1828 - 1832.
35. Anhalt GJ. Psoriasis. in Stein's Textbook of Internal Medicine. 3rd edition. JH Stein (Editor-in-Chief), Little, Brown and Company, Boston, MA., 1990; pp. 1834 - 1836.
36. Anhalt GJ. Dermatitis - Eczematous disorders. In Stein's Textbook of Internal Medicine. 3rd edition. JH Stein (Editor-in-Chief), Little. Brown and Company, Boston, MA., 1990. pp. 1837 - 1839.
37. Dugan EM, Anhalt GJ and Diaz LA: Pemphigus. Immunological Diseases of the Skin. (RE Jordon Editor), Appleton-Lange, Connecticut. 279 - 292, 1990.
38. Anhalt GJ. Pemphigoid, bullous and cicatricial. In Dermatologic Clinics (DN Sauder, Ed.) W. B. Saunders, Philadelphia. 8:(4) 701-716, 1990.
39. Anhalt GJ and Provost TT. Autoimmune skin diseases: Immunopathogenic, immunogenetic and molecular considerations. In Autoimmunity: Molecular, Genetic, Immunologic & Clinical Aspects. N. Talal, Editor. Academic Press, London. pp. 341 - 357, 1991.
40. Anhalt GJ and Provost TT. Immunogenetics of Autoimmune Cutaneous diseases. In The Immunogenetics of Autoimmune Diseases. Farid NR, ED. CRC Press, Boca Raton, FL.

pp. 283 - 295, 1991.

1. Anhalt GJ. Pemphigus. In Current Therapy in Internal Medicine, Third Edition. Kassirer JP, ED. B.C. Decker, Philadelphia, PA. pp. 1581 - 1583, 1991.
2. Anhalt GJ, Lazarus G. Pemphigus and Pemphigoid; Autobody-Mediated Dermatoses. In INFLAMMATION: Basic principles and clinical correlates. 2nd Ed. Gallin, JI, Goldstein IM and Snyderman R, Eds. Raven Press, New York, NY, pp. 907-919, 1992
3. Anhalt GJ and Provost TT. Molecular aspects of epithelial cell to cell and dermal/epidermal adhesion. In Immunological Mediated Bullous Diseases. Provost TT, Weston WL, Eds., Mosby-Year Book, Inc., St. Louis, MO. pp.1-15, 1992
4. Anhalt GJ. Pemphigoid: Bullous, gestational and cicatricial. In Immunologically Mediated Bullous Diseases. Provost TT, Weston WL, Eds. Mosby-Year Book, Inc., St. Louis, MO. 63-112, 1992.
5. Anhalt, GJ. Pemphigus: Vulgaris, foliaceus and paraenoplastic. In, Bullous Diseases, Fine JD Ed. Igaku-Shoin Inc, New York. pp. 52 - 74, 1992.
6. Anhalt GJ and Provost TT. Molecular characterization of autoantigens in cutaneous autoimmunity. In: Molecular Basis of Medicine. Dang CV and Feldman A, EDs. B.C. Decker, Philadelphia, PA. In press, 1993.
7. Mutasim DF, Pelc NJ, and Anhalt GJ. Paraneoplastic pemphigus. In Dermatologic Clinics. W. B. Saunders Company, Philadelphia, PA. pp. 473-481, 1993.
8. Anhalt GJ. Immunobullous Disease. In Callen JP, Ed. Current Practice of Medicine, in Press, 1995.
9. Mutasim DF, Pelc NJ, and Anhalt GJ. Drug-induced pemphigus. In Dermatologic Clinics. W.B. Suanders Company, Philadelphia, PA. pp. 463-471, 1993.
10. Mutasim DF, Pelc NJ, and Anhalt GJ. Ciciatricial Pemphigoid. In Dermatologic Clinics. W.B. Suanders Company, Philadelphia, PA. pp. 499-510, 1993.
11. Mutasim DF, Pelc NJ, and Anhalt GJ. Paraneoplastic pemphigus, pemphigus vulgaris, and pemphigus foliaceus. In Clinics in Dermatology. Elsevier Science Publishing Company, Inc., New York, NY. pp. 113-117, 1993.
12. Anhalt, GJ. Cicatricial pemphigoid - Photo Vignette. J. Geriatric Dermatol. 1:4; A18, 1993.
13. Anhalt GJ. Pemphigus vulgaris and the pemphigus disease spectrum. In Cutaneous Medicine and Surgery: An Intergrated Program in Dermatology. Arndt KA, Leboit PE, Robinson JK, and Wintroub BE, EDs. W.B. Saunders Company, Philadelphia, PA., 1993.
14. Anhalt GJ and Mutasim D. Bullous Diseases. In Stein's INTERNAL MEDICINE, Fourth Edition, Mosby-Year Book, Inc., St. Louis, MO. pp. 2525-2530, 1994.
15. Mutasim DF, Pelc NJ, and Anhalt GJ: Cicatricial pemphigoid. J Geriatric Dermatol 2(4):110-118, 1994.
16. Anhalt GJ. Bullous Diseases. In Conn's Current Therapy, 1995. W.B. Saunders, Philadelphia, PA. pp. 766 - 772, 1995.
17. Anhalt, GJ. Immunobullous diseases. In Current practice of Medicine, Callen JP, Ed. Current Medicine, Philadelphia, PA. Vol. 1: 158 - 165, 1995.
18. Nousari H, Anhalt GJ. Bullous skin diseases. In Current Opinion in Immunology, Vol. 7, 844-852, Dec, 1995.
19. Anhalt GJ. Bullous Skin Diseases. In Samter’s Immunological Diseases. Frank, Austen Claman and Unanue, Eds. Fifth Edition. Little, Brown and Company, Boston, MA. , 1995.
20. Nousari H, Anhalt GJ. Skin Diseases. In Manual of Clinical Laboratory Immunology, Fifth Edition, the American Society of Microbiology Press, Washington, DC. Rose et al, Eds. Pp. 997 - 1004, 1997.
21. Collins AB, Colvin RB, Nousari HC and Anhalt GJ. Immunofluorescence methods for diagnosis of renal and skin diseases. In Manual of Clinical Laboratory Immunology, Fifth Edition, the American Society of Microbiology Press, Washington, DC. Rose et al, Eds. Pp. 422 - 430, 1997.
22. Anhalt GJ. Paraneoplastic pemphigus. Advances in Dermatology, Mosby-Year Book, Inc. Vol. 12: 77 - 97, 1997.
23. Nousari H, Anhalt GJ. Bullous disease. In Stein's Textbook of Internal Medicine, Fifth Edition, Mosby, St. Louis, MO., in press, 1998.
24. Anhalt GJ. and Mutasim D, Bullous Pemphigoid, cicatricial pemphigoid and pemphigoid gestationis.pp 817 - 820. In Principles of Molecular Medicine, Jameson and Collins, Eds. Humana Press, New Jersey, 1998.
25. Nousari H, Anhalt GJ. Pemphigus vulagris and Paraneoplastic Pemphigus. In Atlas of Dermatologic Immunology. Woodley DT and Kanitakis J, Eds., Chapman & Hall, London . In press, 2000.
26. Nousari H and Anhalt GJ. Immunosuppressive and Immunomodulatory Drugs. In Dermatology in General Medicine.Fifth Edition. Fitzpatrick, Goldsmith, Katz and Austen, Eds. MgGraw-Hill, 2853-2859, 1998.
27. Anhalt GJ and Nousari H. Paraneoplastic Autoimmunity. In Immunology, Rose and McKay, Eds. Academic Press, pp. 795 - 804, 1998.
28. Nousari H, Lazarus GS, Anhalt GJ. Pemphigus and Pemphigoid. INFLAMMATION: Basic prinicples and clinical correlates., 3rd Edition, Gallin and Snyderman, Eds., Lippincott-Raven, Philadelphia, 949-965, 1999.
29. Nousari H, Anhalt GJ. Paraneoplastic Pemphigus. In Atlas of Bullous Diseases, Robert E. Jordon, Ed.Churchill Livingstone, New York. 2000, pp. 29 - 43.
30. Nousari HC, Provost TT, Anhalt GJ. Cutaneous manifestations of inflammatory bowel disease. In Advanced Therapy of Inflammatory Bowel Disease. Bayless T, Hanauer, Eds.,BC Decker, Hamilton, ON, 2001, 271 - 275.
31. Nousari HC, Anhalt GJ. Autoimmune bullous diseases. In Cutaneous Medicine. Provost and Flynn Eds.BC Decker, Hamilton, ON. 2001: pp. 208 - 230.
32. Nousari HC, Anhalt GJ. Autoimmune blistering mucocutaneous diseases. In Samter’s Immunologic Diseases. Austen, Frank, Atkinson and Cantor, Eds. Lippincott Williams & Wilkens, Philadelphia, 2001.
33. Nousari CH, Anhalt GJ. Pemphigus in Treatment of skin diseases, Lebwohl MG, ed. 1st edition, Mosby-Elsevier, 2002. pp 532-6.
34. Nousari H, Anhalt GJ. Skin Diseases. In Manual of Clinical Laboratory Immunology, Sixth Edition, the American Society of Microbiology Press, Washington, DC. Rose et al, Eds. Pp. 1032 - 1042, 2002.
35. Collins AB, Colvin RB, Nousari HC and Anhalt GJ. Immunofluorescence methods for diagnosis of renal and skin diseases. In Manual of Clinical Laboratory Immunology, Sixth Edition, the American Society of Microbiology Press, Washington, DC. Rose et al, Eds. Pp. 393 - 402, 2002.
36. Mutasim D, Anhalt GJ. Bullous Diseases in the Elderly. Clinics in Geriatric Medicine. Gilchrest B, Ed. W.B. Saunders, Philadelphia, 18:1, pp. 43-58, Feb 2002.
37. Anhalt GJ, Nousari, HC. Bullous Diseases. In Conn’s Current Therapy, Rakel and Bope, Eds., Elsevier Science (USA), 918 - 925, 2003.
38. Mimouni D, Nousari HC, Anhalt GJ. Pemphigus. In Current Therapy in Allergy, Immunology and Rheumatology, 6th Edition. Lichtenstein, Busse and Geha, Eds. B.C. Decker, Philadelphia, pp 96-99, 2003.
39. Nousari CH, Anhalt GJ. Pemphigus in Treatment of skin diseases, Lebwohl MG, ed. 2nd edition, Mosby-Elsevier, 2006. pp 474-477
40. Nousari H, Anhalt GJ. Skin Diseases. In Manual of Molecular and Clinical Laboratory Immunology, Seventh Edition, the American Society of Microbiology Press, Washington, DC. Dietrick et al, Eds. Pp. 1091 - 1100 ,2006.
41. Collins AB, Colvin RB, Nousari HC and Anhalt GJ. Immunofluorescence methods for diagnosis of renal and skin diseases. In Manual of Molecular and Clinical Laboratory Immunology, Seventh Edition, the American Society of Microbiology Press, Washington, DC. Dietrick et al, Eds. Pp. 414 - 423, 2006

**UNPUBLISHED PANEL DISCUSSIONS, COURSES, AND WORKSHOPS PRESENTED AT REGIONAL, NATIONAL AND INTERNATIONAL MEETINGS**

**INTERNATIONAL**

 Medical Grand Rounds. University of Manitoba School of Medicine, March 1, 1985.

"Dermatology in General Medicine".

 Manitoba Dermatology Society Meeting: Grand Rounds, March 2, 1985.

"Bullous Pemphigoid."

 University of Sao Paulo, Sao Paulo, Brazil, Dermatologic Grand Rounds. March 14, 1987.

"Differential Diagnosis of Subepidermal Blistering Diseases."

 University Nancional do Brazil, Brazilia, Brazil. Medical Grand Rounds. March 16, 1987. "Pathogenesis of Pemphigus."

 Escola Pauolista do Sao Pauolo. Dermatology Grand Rounds, March 18, 1987.

"Evaluation of atypical subepidermal blistering diseases".

 The 17th World Congress of Dermatology, West Berlin, FRG. May, 1987.

"Pathogenesis of Pemphigus" in the Symposium on Immunodermatology.

 Japanese Dermatological Society Annual Meeting, Fukui City, Japan, October 11 - 13, 1990.

 Second European Congress of Dermatology, Athens, Greece, October 10, 1991.

Symposium on Immunodermatology - "Paraneoplastic pemphigus: A novel autoimmune syndrome".

 The 18th World Congress of Dermatology, New York, N.Y., June 12 - 18, 1992.

Internal Medicine Symosium - "The link between pemphigus and neoplasia"

Bullous Disease Symposium - "Autoimmuity to Desmoplakins".

 American Academy of Dermatology Summer Meeting, Toronto, Canada, July 14, 1993.

Keynote Address "Clinical features of Paraneoplastic Pemphigus".

 Dermatology 2000, Intercontinental Meeting, Vienna, Austria, May 18-22, 1993.

Co-Chairman, Interactive Symposia on Immunobullous Diseases.

Speaker, Teaching Symposium, "The Distinctive Immunopathology of Paraneoplastic Pemphigus"

 Spanish Dermatologic Association Biannual Meeting, Barcelona, Spain, Oct 18 - 19, 1993.

Featured Lecturer, "The Immunopathology of pemphigus".

 Mexican Society of Dermatology Biennial Meeting, Monterrey, Mexico, April 23 - 27, 1996.

Featured Lecturer, "Experimental Models in Pemphigus and Pemphigoid" ,

and "Paraneoplastic Pemphigus - New Observations and Insights".

 Dermatology 2000 International Congress, Vancouver, B.C., Canada, May 28 - June 1, 1996.

Plenary Session, "We now know a lot more about bullous diseases".

Co-Chair, Symposium on Bullous Diseases, "Paraneoplastic Pemphigus".

 World Congress of Dermatology, Sydney, Australia, June 15 - 20, 1997.

Speaker, Bullous Disease Symposium, “Paraneoplastic Pemphigus.”

 European Academy of Dermatology and Venereology, Dublin, Ireland, Sept. 11 - 15, 1997.

Co-chair, Symposium on Oral Diseases, Topic - “Autoantigens of Oral Epithelium”

Speaker, “Pemphigus” in Symposium on Life-threatening Dermatoses

 Japanese Academy of Dermatology Annual Meeting, Tokyo, Japan, April 19, 1999. “Paraneoplastic pemphigus”.

 The Karolinska Institute Special Meeting on Advances in Bullous Diseases, Stockholm, Sweden, April 23, 1999.

 Dermatology 2000, Co-Chair and speaker on seminar - Paraneoplastic Diseases, Vienna, Austria, May 17, 2000.

 Pemphigus 2000, Speaker- “Therapy of pemphigus”, Bangkok, Thailand, August 9, 2000.

 The Royal College of Physicians in Ireland featured lecturer, Dermatology Section, Dublin, Ireland - Nov 3, 2000.

 The Royal College Lecturer, Canadian Dermatologic Society Annual Meeting, Halifax, Canada, June 27 - July 1, 2001.

 World Congress of Dermatology, Paris, Jul1 - 4, 2002, Lectures “Therapy of pemphigus”, Paraneoplastic Pemphigus”.

 North American Clinical Dermatology Association Meeting, Paris & Normandy, France, May 14 - 22. Annual Guest Lecturer

 Chilean Congress of Dermatology, Santiago, Chile, April 1-3, 2004. Guest speaker.

 British Association of Dermatologists, Belfast, Northern Ireland, July 6, 2004. “Bullous disorders”.

 Israeli Dermatologic Association, Tel Aviv , Israel, Guest Lecturer, June 2005 “Pemphigus”

 International Pemphigus Symposium, Berne Switzerland, June 26-29, 2009. Lecture “Current therapies in pemphigus”. Leader – Symposium on therapies of pemphigus

Toronto Dermatologic Society, Toronto, Canada. Sept 21, 2010. Revilutionary Advances in the Treatment of Pemphigus

Irish Association of Dermatology, Belfast, Northern Ireland, Oct 6-7th, 2011. “Pemphigus 30 years on, from bench to bedside”.

**NATIONAL**

 Society for Investigative Dermatology. May, 1985.

Workshop on Bullous Diseases. "Immunopathogenetic mechanisms in pemphigus".

 American Academy of Dermatology Meeting. New Orleans, Louisiana, December, 1986.

A. "Evaluation of Atypical Subepidermal Blistering Diseases." Bullous Disease Symposium. B. "Pemphigus Vulgaris: A Model of Human Autoimmunity".

 Chairman, Eastern Regional A.F.C.R. / S.I.D. Subspecialty Meeting, New York, Oct 11, 1987.

 American Academy of Dermatology Annual Meeting, December 1987.

A. Symposium on Immunopathology. "Pathogenesis of Drug Induced Pemphigus."

B. Fundamentals of Allergy and Immunology. "Bullous Pemphigoid."

 American Academy of Dermatology Summer Session, New York, June 1988.

Focus Session. "Bullous Diseases."

 Chairman, Eastern Regional A.F.C.R. / S.I.D. Subspecialty Meeting, New York, October 8, 1988.

 American Academy of Dermatology Annual Meeting, December 1988.

 American Academy of Dermatology Annual Meeting, December 1989.

 American Academy of Dermatology Summer Session, Boston, Massachusetts, June 1990. Focus Session. "Bullous Disease - Advances in Diagnosis and Treatment."

 American Academy of Dermatology Annual Meeting, December 1990.

A. Fundamentals of Allergy and Immunology "Pemphigus/Pemphigoid."

B. Immunopathology Symposium "Autoimmunity against Basement Membrane Zone."

C.  **American Academy of Dermatology Silver Medal for Original Investigations**: "Paraneoplastic pemphigus: A novel autoimmune mucocutaneous syndrome."

 American College of Allergy and Immunology, New York, Nov 27, 1991.

Plenary Address: "Autoimmune Cutaneous Diseases".

 American Academy of Dermatology Annual Meeting, Dallas, TX, December 1991.

A. "Pemphigus: Vulgaris, Foliaceus, and Paraneoplastic."

B. Case Discussions: Oral and Esophageal Lichen Planus.

C. "Paraneoplastic Pemphigus: A Newly Defined Disease."

D. "Paraneoplastic Pemphigus."

 American Dermatologic Association Meeting, Naples, Fla., Feb., 1992

"Paraneoplastic pemphigus"

 Missouri State Dermatologic Society Meeting, St. Louis, MO, April 11-12, 1992

A. "Paraneoplastic Pemphigus"

B. "Immunopatholgy and Laboratory Diagnosis of Bullous Diseases"

 Central Region - Society for Investigative Dermatology, Chicago, Il, Nov 5 - 6, 1992

A. Keynote Address: "Autoantibodies against desmoplakins in paraneoplastic pemphigus."

 American Academy of Dermatology Annual Meeting, San Francisco, CA. December 1992.

A. "Human autoimmunity and the Skin"

B. "Immunopathology" - Bullous diseases

C. "Diseases of Mucous Membranes"

 Washington D.C. Dermatologic Society, March 23, 1993

" The Distinctive Immunopathology of Paraneoplastic Pemphigus".

 American Academy of Oral Pathology, Maine, May 15, 1993

Keynote Address: "Antigenic Sites in Epithelium and Lamina Propria".

 Colorado State Dematology Society, September 18, 1993

Guest Lecturer: "Paraneoplastic Pemphigus".

 Pennsylvania Academy of Dermatology, October 1-3, 1993

Guest Lecturer: "Cicatricial Pemphigoid".

 American Academy of Dermatology Annual Meeting, Washington, DC, Nov, 1993

Symposium " Human Autoimmunity and the Skin"

 New York University, Dept. of Dermatology, January 21, 1994.

"Paraneoplastic pemphigus - new insights into pathogenesis."

 State University of New York, Dept. of Dermatology, Oct. 26, 1994.

"Bullous diseases - an overview".

 American Academy of Dermatology, New Orleans, LA, Feb. 1995

Internal Medicine Symposium "Bullous Diseases, 1995"

Human Autoimmunity Forum "Cicatricial pemphigoid and anti-epiligrin disease."

 Americam Academy of Dermatology, Washington, D.C., Feb., 1996

Symposium - Clinical Allergy & Inflammatory Diseases. "Update on bullous diseases"

Forum - Autoimmunity and the Skin. "Paraneoplastic pemphigus".

 American Academy of Oral Pathology, Baltimore, MD, May 1996.

Seminar "Autoantigens and structural proteins of squamous epithelia."

 Oregon Dermatologic Society, Sun River OR, July 1996.

Guest lecturer. "Bullous diseases, rational therapies” and

“Molecular basis of autoimmune diseases."

 American Academy of Dermatology, Annual Meeting, San Francisco, CA. March 24 - 29, 1997.

Chairman, Symposium on Human Autoimmunity and the Skin.

Speaker, Symposium on T cell mediated skin diseases - “Bullous diseases”

 American Academy of Oral and Maxilofacial Pathology, Vancouver, Canada, May 1997.

Seminar "Autoantigens and structural proteins of squamous epithelia."

 American Academy of Dermatology, Summer Session, New York, N.Y., July 30 - Aug3, 1997.

Chairman - Symposium on Paraneoplastic Syndromes

 American Academy of Dermatology, Annual Meeting, Orlando, Fla.. Feb. 26 - March 4, 1998.

Chairman, Forum on Human Autoimmunity and the Skin.

Speaker, Clinical allergy and inflammatory disorders - “Bullous diseases”

Speaker - Bullous diseases, Diagnosis and Management

Discussion leader - Poster discussion session

Lecturer - Preparation for recertification

 American Academy of Oral and Maxilofacial Pathology, Dallas, TX, May 1, 1998.

Seminar "Autoantigens and structural proteins of squamous epithelia."

 American Academy of Dermatology, Annual Meeting,New Orleans, LA. March 19 - 24, 1999.

Chairman & Speaker,Immunology Course.

Speaker, Forum - “Bullous diseases: diagnosis and management”

Discussion leader - Poster discussion session

Lecturer - Preparation for recertification

 New Mexico Dermatologic Society Meeting - guest speaker, Albuquerque, NM, Jan 21, 2000.

 Michigan Dermatologic Society Meeting, Ann Arbor, MI - guest speaker. Feb 15, 2000.

 American Academy of Dermatology, Annual Meeting, SanFrancisco, Ca.. March 10 - 14, 2000.

Chairman & Speaker,Immunology Course.

Speaker, Forum - “Bullous diseases: diagnosis and management ”

Speaker - Symposium - Therapeutics - Bullous diseases,

Discussion leader - Poster discussion session

Lecturer - Preparation for recertification

 American Academy of Dermatology, Annual Meeting, Washington, DC.. March 2 - 7, 2001.

Chairman & Speaker,Immunology Course.

Speaker, Forum - “Bullous diseases: diagnosis and management ”

Lecturer - Preparation for recertification

 Valley of the Sun Dermatologic Conference, Phoenix, AZ., April 24 - 26, 2001.

“Rational therapy of Bullous Diseases”

“Steroids and steroid-sparing agents”

 Federation of Clinical Immunology Societies, Boston, MA., May 6, 2001. “Innovative therapies”.

 Atlanta Dermatologic Society Meeting, Emory University, Atlanta, GA, Sept. 24, 2001.

 DC Dermatologic Society. Dec 4, 2001.

 Brown University, Rhode Island, Dec. 12 - 13, 2002

 American Academy of Dermatology, Annual Meeting, New Orleans, La. Feb 21 - 27, 2002.

Chairman & Speaker,Immunology Course.

Lecturer - Preparation for recertification

 Harvard University, Boston, MA. Guest Lecturer, March 7-8, 2002

 Atlantic Dermatologic Conference, Baltimore, MD. May 10 - 12, 2002

 Society for Pediatric Dermatology, Annapolis, MD, July 17 - 20, 2002, “Pediatric Bullous Diseases”.

 Boston University, Grand Rounds Speaker, Nov. 5, 2003

 Noah Worcester Dermatologic Society Annual Guest Lecturer, Jan 2005

 American Association of Laboratory Immunologists Annual Meeting, April 2005, Guest Lecturer, “Bullous diseases”

 New England Dermatologic Society Annual Meeting, Worcester, MA, April, 2005

 International Pemphigus Foundation Meeting, NIH, Washington, DC, June 16, 2005.

 Washington DC Dermatologic Society Meeting, Guest Lecturer, Sept 2005, “Rational approach to Bullous diseases”.

 American Academy of Dermatology Meeting, San Francisco, CA, March 2006 - Speaker, Forum on new Autoimmune Syndromes

Connecticut State Dermatologic Society Meeting, May 9 , 2007, New Haven CT. Guest speaker – “What’s new in bullous diseases.”

American Academy of Dermatology Meeting, Miami, FL, April 2102 – Speaker Forum “Oral Autoimmune diseases”, Forum, “Mucocutaneous autoimmune diseases.”

**VISITING PROFESSORSHIPS**

 University of Michigan, March 1985.

A. "Experimentally Induced Pemphigus."

B. "Laboratory Evaluation of Connective Tissue Diseases."

 University of Utah, February 11-14, 1986.

A. "Clinical and Experimental Pemphigus."

B. Cicatricial Pemphigoid and Variants of Bullous Pemphigoid."

 Geisinger Medical Center, Department of Dermatology, Oct 27 - 28, 1988.

 Wilford Hall, USAF Medical Center, Lackland Air Force Base, Texas, September 30 - October 3, 1987.

 Free University of Berlin, Department of Dermatology, Berlin, Federal Republic of Germany, August 2, 1989.

 Humboldt University, Department of Dermatology, Berlin, D.D.R., August 5 - 9, 1989.

 Missouri State Medical Association, St. Louis, MO, April 10-12, 1992.

 Northwestern University, Chicago, Illinois, Department of Dermatology, November 4, 1992.

 Brown University, Department of Dermatology, Providence, R.I., Jan 14-15, 1993.

 Department of Dermatology, Munich, Germany, October 18, 1993.

"Paraneoplastic Autoimmunity".

 University of Erlangen, Division of Rheumatology, Nuremburg, Germany, October 19, 1993.

 Yale University, Department of Dermatology, New Haven, CT. January 1997.

 University of Vienna, Vienna, Austria, May 12, 1998.

 Keio University, Dept. Of Dermatology, Tokyo, Japan, April 12 - 14, 1999.

 National Skin Center, Singapore, Visiting Expert, July 31 - August 8, 2000

 University of Edmonton, Canada, June 10 - 14, 2002

 University of Toronto, Canada, June 1-2, 2007

Brown University, May 12, 2011

Boston University, June 1, 2011

**SPECIAL LECTURESHIPS**

 Helen McLain Seminarian, American Academy of Oral Pathology Annual Meeting, Phoenix, Arizona, May 1987. "Blistering and Erosive Mucocutaneous Diseases."

 Howard Fox Lecturer. New York University, September 24, 1987. "Bullous Pemphigoid and Herpes Gestationis: Immunological Characterization of Related Disorders."

 Sandoz Distinguished Lecturer. Medical College of Wisconsin, Departments of Ophthalmology and Dermatology, September 26, 1989. "Cicatricial Pemphigoid".

 Plenary Session Special Lecture. American College of Allergy and Immunology, New York, New York, November 16, 1991. "Bullous Disorders."

 Mini State of the Art Lecture. Central States SID/AFCR Meeting, Chicago, Illinois,

November 5, 1992. "Paraneoplastic Autoimmunity."

 The Ninth Annual Israel Zeligman Lectureship. Johns Hopkins University, Baltimore, Maryland, November 18, 1992. "PEMPHIGUS: Clinical and Biologic Insights From the Study of an Autoimmune Disease."

 The Walter Lever Bullous Disease Lecture. "Paraneoplastic Pemphigus" Boston Dermatologic Society, Boston, Mass. March 15, 1994.

 The 22nd Kung Sun Oh Memorial Lectureship. “Paraneoplastic pemphigus: Insights into autoimmunity and cancer.” Yonsei University, Souel, Korea, Sept. 1998.

 National Skin Center of Singapore Plenary Lecture. “Paraneoplastic pemphigus.” 34th Singapore / Malaysian Academy of Medicine Meeting, Singapore, August 2000.

 Richard Odom Lecturer. University of California, San Francisco, April 25, 2001.

 Chicago Dermatologic Society 100th Anniversary Meeting. Oct 5 - 7 , 2001. “Paraneoplastic diseases - then and now.”

 Plenary Lecturer, American Academy of Asthma, Allergy and Immunology. San Antonio, TX, Nov 20, 2002. “Autoimmune Cutaneous Bullous Diseases”.

 R. Person Lecturer, U of Massachusetts, Worchester, MA, April 22, 2003

 Y Koh Endowed Lectureship, Thomas Jefferson University, Nov, 2005. “Paraneoplastic Pemphigus”.

**OTHER PRESENTATIONS:**

Congressional Testimony. March 5, 1996 before House Labor - HHS - Education Appropriations Subcommittee in support of NIH funding request for FY '97. Representing the American Academy of Dermatology as its liason with NIAMS.