

CURRICULUM VITAE

NAME: Michael Scott Howard, M.D.

DATE/LOCATION OF BIRTH: December 8, 1959
Atlanta, Georgia

MEDICAL LICENSURE: Unrestricted Georgia License, Number 49034
Unrestricted Tennessee License, Number 25830

BOARD CERTIFICATIONS: American Boards of Dermatology and
Pathology Certification in Anatomic and Clinical Pathology,
November 1997
Special Certification in Dermatopathology,
November 2000

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EDUCATION:

Postgraduate

July 1999 – June 2000 Fellow in Dermatopathology
Departments of Dermatology and Pathology
University of Arkansas Medical Center
Little Rock, Arkansas

July 1997 – June 1999 Fellow in Hematopathology
Department of Pathology
University of Texas Southwestern Medical Center
Parkland Memorial Hospital, Dallas, Texas

July 1993 – June 1997

Resident, Department of Pathology
University of Tennessee Medical
Center, Knoxville, Tennessee

July 1992 – December 1992

Resident, Department of Anesthesiology, Duke
University Medical Center,
Durham, North Carolina

July 1991 – June 1992

Intern, Department of Surgery, Baptist Medical
Centers, Birmingham, Alabama

Medical Studies

August 1987 – May 1991

Emory University School of Medicine, Atlanta,
Georgia
▪Doctor of Medicine
▪Irene K. Woodruff Medical Scholarship

Graduate Studies

August 1984 – August 1986

Yale University, New Haven, Connecticut
▪Master of Science
▪Major: Molecular Biology
▪NIH Predoctoral Fellowship
▪Yale University Fellowship
▪American Mensa Predoctoral Scholarship

Undergraduate Studies

September 1978 – June 1983

University of Georgia, Athens, Georgia
▪Bachelor of Science
▪Major: Biology
▪Phi Beta Kappa
▪Phi Kappa Phi
▪*summa cum laude* Graduate
▪University Honors Program Graduate
▪Research Honors Graduate

EMPLOYMENT:

February 2002 – present	Founding Partner and Laboratory Director Georgia Dermatopathology Associates, Atlanta, Georgia
February 2001 – February 2002	Staff Dermatopathologist Quest Diagnostics Clinical Laboratories, Atlanta, Georgia
August 2000 – December 2000	Staff Dermatopathologist Atlanta Dermatopathology and Pathology Associates, Atlanta, Georgia
January 1993 – June 1993	Pathology Associate Georgia Tissue Bank/Cryolife, Inc., Atlanta, Georgia
November 1986 – August 1987	Unit Secretary, Emergency Department, DeKalb Medical Center, Decatur, Georgia
October 1983 – August 1984	Research Technician, Dept. of Anatomy and Cell Biology, Emory University Medical Center, Atlanta, Georgia

PROFESSIONAL ORGANIZATIONS:

- Fellow, American Society of Dermatopathology
- American Academy of Dermatology
- Annenberg Circle, Dermatology Foundation;
Georgia DF Vice Chair 2007; 2008
- Fellow, College of American Pathologists

- United States and Canadian Academy of Pathology/International Academy of Pathology
- Society for Investigative Dermatology
- Medical Association of Georgia
- Georgia Society of Dermatologists
- Georgia Association of Pathologists
- Atlanta Dermatological Association
- DeKalb County Medical Society

EARLY PROFESSIONAL ACTIVITIES:

- National Meeting, American Academy of Dermatology, New Orleans, Louisiana, February 2002
- National Meetings, American Society of Dermatopathology, Fall 1999, 2005
- Chicago Compass Dermatology Review Educational Course, Chicago, Illinois, September 2000
- University of Pennsylvania Medical Center Educational Course, “Dermatopathology Self Assessment and Board Review,” Philadelphia, Pennsylvania, August 2000
- National Meetings, United States and Canadian Academy of Pathology, Spring 1999, 2001 and 2006
- Junior Member, College of American Pathologists SNOMED Editorial Board, Chicago, Illinois, June 1994 to June 1997
- Laboratory Inspector, College of American Pathologists, Chicago, Illinois, February 1994 to June 1997

PROFESSIONAL PUBLICATIONS:

Abreu Velez AM, Yi H, Gooze PB Jr, Mihm MC Jr, Howard MS. Autoantibodies to melanocytes and characterization of melanophages in patients affected by a new variant of endemic pemphigus foliaceus. Manuscript accepted for publication, *Journal of Cutaneous Pathology*.

Abreu Velez AM, Brown VM, Howard MS. Neural, vascular and sweat gland immune reactants in a case of bullous pemphigoid. Manuscript in preparation.

Abreu Velez AM, Klein AD, Howard MS. LAT, EGFR-pY197, PCNL2, CDX2, HLA-DPDQDR, bromodeoxyuridine, JAM-A and ezrin immunoreactants in a rubbed spongiotic dermatitis. Manuscript submitted to *New Dermatology Online*.

Abreu Velez AM, Jackson BL, Howard MS. Salt and pepper staining patterns for LAT, ZAP-70 and MUM-1 in a vasculitic bullous allergic drug eruption. Manuscript in press, *New Dermatology Online*.

Abreu Velez AM, Howard WR, Howard MS. Upregulation of anti-human ribosomal protein S6-p240, topoisomerase II alpha, cyclin D1, bcl-2 and anti-corneal antibodies in acute psoriasis. Manuscript in press, *New Dermatology Online*.

Abreu Velez AM, Smith JG Jr., Howard MS. Subcorneal pustular dermatosis(Sneddon Wilkinson) with multiple immunoreactants. Manuscript in press, *International Journal of Clinical and Experimental Pathology*.

Abreu Velez AM, Klein AD, Howard MS. Survivin, p53, MAC, Complement/C3, fibrinogen and HLA-ABC within hair follicles in follicular degeneration syndrome. Manuscript in press, *North American Journal of Medical Sciences*.

Abreu Velez AM, Smith JG Jr., Howard MS. Activation of the signaling cascade in response to T lymphocyte receptor stimulation and prostanoids in a case of cutaneous lupus. *North Am J Med Sci*. 2011; 3: 251-254.

Abreu Velez AM, Loebl AM, Howard MS. Spongiotic dermatitis with a mixed inflammatory infiltrate of lymphocytes, antigen presenting cells, immunoglobulins and complement. *N Dermatology Online* 2011; 2(2): 52-57.

Abreu Velez AM, Klein AD, Howard MS. Overexpression of linker for activated T cells, cyclooxygenase-2, CD1a, CD68 and myeloid/histiocyte antigen in an inflamed seborrheic keratosis. *North Am J Med Sci*. 2011; 3: 161-163.

Abreu Velez AM, Girard JG, Howard MS. IgG bullous pemphigoid with antibodies to IgD, dermal blood vessels, eccrine glands and the endomysium of monkey esophagus. *N Dermatology Online* 2011; 2(2): 48-51.

Abreu Velez AM, Klein AD, *Howard MS*. Bullous allergic drug eruption with presence of myeloperoxidase and reorganization of the dermal vessels observed by using CD34 and collagen IV antibodies. *North Am J Med Sci*. 2011; 3: 82-84.

Abreu Velez AM, Yi H, Gao W, Girard JG, Grossniklaus HG, Smoller BR, *Howard MS*. Dermatitis herpetiformis bodies: amalgamated immunoglobulins and complement, colocalizing with desmoplakins 1 and 2, p0071 and ARVCF. Manuscript accepted for publication, *British Journal of Dermatology*.

Abreu Velez AM, *Howard MS*, Grossniklaus HE, Gao W, Hashimoto T. Neural system antigens are recognized by autoantibodies from patients affected by a new variant of endemic pemphigus foliaceus in Colombia. *Clinical Immunology* 2011; Jan 6[Epub ahead of print].

Abreu Velez AM, Zhe J, *Howard MS*, Dudley SC. Heart immunoreactivity in patients affected by a new variant of endemic pemphigus foliaceus in El Bagre, Colombia, South America. Manuscript submitted to *Clinical Immunology*.

Abreu Velez AM, *Howard MS*, Gao W, Grossniklaus HE, Zhe J, Arias LF, Dudley SC, Smoller BR. Varicella zoster virus (VZV) and alpha 1 antitrypsin: a fatal outcome in a patient affected by endemic pemphigus. Manuscript in press, *International Journal of Dermatology*.

Abreu Velez AM, *Howard MS*, Smoller BR. Antibodies to pilosebaceous units in a new variant of pemphigus foliaceus. Manuscript in press, *European Journal of Dermatology*.

Abreu Velez AM, Smith JG Jr, *Howard MS*. Cutaneous lupus erythematosus with autoantibodies colocalizing with glial acidic fibrillary protein. *N Derm Online* 2011; 2(1): 8-11.

Abreu Velez AM, *Howard MS*. Diagnosis and treatment of cutaneous paraneoplastic disorders. *Derm Therapy* 2010; 23: 662-75.

Abreu Velez AM, Smith JG Jr, *Howard MS*. IgG/IgE bullous pemphigoid with CD45 lymphocytic reactivity to dermal blood vessels, nerves and eccrine sweat glands. *North American Journal of Medical Sci*. 2010; 2: 538-41.

Abreu Velez AM, *Howard MS*, Smoller BR. Atopic dermatitis and possible polysensitization, with monkey esophagus reactivity. *North Am J Med Sci*. 2010; 2: 336-40.

Abreu Velez AM, Howard MS, Brown VM. Antibodies to piloerector (arrector pili) muscle in a case of lupus/lichen planus overlap syndrome. *North Am J Med Sci.* 2010; 2: 276-80.

Abreu Velez AM, Klein AD, Howard MS. Junctional adhesion molecule overexpression in Kaposi varicelliform eruption skin lesions, as a possible herpes virus entry site. *North Am J Med Sci* 2010; 2: 433-37.

Howard MS, Yepes MM, Maldonado JG, Villa E, Jaramillo A, Botero J, Patino PJ, Hashimoto T, Abreu Velez AM. Broad histopathologic patterns of non-glabrous skin and glabrous skin from patients with a new variant of endemic pemphigus foliaceus (part 1). *J Cutan Path* 2010 Feb; 37(2): 222-30.

Abreu Velez AM, Howard MS, Hashimoto T, Grossniklaus HE. Human eyelid meibomian glands and tarsal muscle are recognized by autoantibodies from patients affected by a new variant of endemic pemphigus foliaceus in El-Bagre, Colombia, South America. *J Am Acad Derm* 2010 Mar; 62(3): 437-47.

Abreu Velez AM, Messias Reason LJ, Howard MS, Roselino AM. Endemic pemphigus foliaceus over a century: part 1. *North Am J Med Sci.* 2010 2: 51-59.

Abreu Velez AM, Roselino AM, Howard MS, Messias Reason LJ. Endemic pemphigus foliaceus over a century: part 2. *North Am J Med Sci.* 2010;2 :114-25.

Abreu Velez AM, Klein AD, Howard MS. Autoreactivity to sweat glands and nerves in a clinical scabies infection. *North Am J Med Sci* 2010 2: 422-25.

Abreu Velez AM, Smith JG Jr., Howard MS. Vimentin compartmentalization in discoid lupus *North Am J Med Sci.* 2010 2: 106-10.

Abreu Velez AM, Jackson BL, Howard MS. A Deposition of immunoreactants in a cutaneous allergic drug reaction. *North Am J Med Sci.* 2009 1: 180-83.

Abreu Velez AM, Howard MS, Hashimoto K, Hashimoto T. Autoantibodies to sweat glands detected by different methods in serum and in tissue from patients affected by a new variant of endemic pemphigus foliaceus. *Arch Derm Res.* 2009 Oct 301(10): 711-18.

Abreu Velez AM, Howard MS, Loebel AM. Autoreactivity to sweat and sebaceous glands and skin homing T cells in lupus profundus. *Clin Immunol.* 2009 132: 420-24.

Abreu Velez AM, Villa Robles E, Howard MS. A new variant of endemic pemphigus foliaceus in El-Bagre, Colombia: the Hardy-Weinberg-Castle law and linked short tandem repeats. *North Am J Med Sci.* 2009 1: 169-79.

Abreu Velez AM, Girard JG, *Howard MS*. Antigen presenting cells in a patient with hair loss and systemic lupus erythematosus. *North Am J Med Sci*. 2009 1: 205-10.

Abreu Velez AM, Smith JG Jr., *Howard MS*. Neutrophil extracellular traps (NETS), IgD, myeloperoxidase (MPO) and antineutrophil cytoplasmic antibody (ANCA) associated vasculitides. *North Am J Med Sci*. 2009 1: 309-13.

Abreu Velez AM, *Howard MS*, Restrepo M, Smoller BR. Formalin deposition as artifact in biopsies from patients affected by a new variant of endemic pemphigus foliaceus in El Bagre, Colombia, South America. *J Cutan Path* 2009 Dec 10. 37(8): 835-42.

Abreu Velez AM, *Howard MS*, Pinto FJ Jr. Dyshidrotic eczema: relevance to the immune response *in situ*. *North Am J Med Sci*, 2009, August, Vol 1. No 3: 117-20.

Abreu Velez AM, *Howard MS*, Hashimoto T. Palms with a polyclonal autoimmune response in patients affected by a new variant of endemic pemphigus foliaceus in Colombia, South America. *Eur J Dermatol*. 2009 Nov 4. 20(1): 74-81.

Yug A, Lane JE, *Howard MS*, Kent DE. Histologic study of depressed acne scars treated with serial high concentration (95%) trichloroacetic acid. *Derm Surg* 2006 Aug 32(8) 985-90.

Asplund SL, McKenna RW, *Howard MS*, Kroft SH. Immunophenotype does not correlate with lymph node histology in CLL/SLL.. *Am J Surg Path* 2002 26(5): 624-29.

Howard MS. An Atlas of Histopathology of Skin Diseases. Book Review. *J Cutan Path* 2001 28: 53-54.

Howard MS, Smoller BR. Mycosis Fungoides: Classic disease and variant presentations. *Sem Cutan Med Surg* 2000 19: 91-99.

Kroft SH, *Howard MS*, Picker LJ, Ansari MQ, Aquino DB, McKenna, RW. *De Novo* CD5-Positive diffuse large B-cell lymphomas: a heterogeneous group containing a distinct form of splenic lymphoma. *Am J Clin Path* 2000 114: 523-533.

Howard MS, Smoller BR. "Trichofolliculoma." Chapter. In: Online Textbook of Dermatology, William James, M.D., Editor, 2000.

PRESENTED ABSTRACTS AND LECTURES:

Abreu Velez, AM, Jiao Z, Gao W, Howard MS, Grossniklaus HE, Arias Restrepo LF, Dudley SC. “Multiple heart cell junctions and blood vessels are recognized by autoantibodies from patients affected by a new variant of endemic pemphigus foliaceus in Colombia, South America”, Abstract presentation at Seventieth Annual Meeting, Society for Investigative Dermatology, May 2010, Atlanta, Georgia

Howard MS. “Dermatopathology Clinicopathologic Correlations”, Lecture presentations at Georgia Society of Dermatologists Annual Meeting, June, 2006, Sea Island, Georgia; and at Atlanta Dermatological Association Monthly Meeting, August 2006, Atlanta, Georgia

Howard MS, Smoller BR, Horn TD. “AILD-Like T Cell Lymphoma Presenting with Cutaneous Findings”, Abstract presentation at American Society of Dermatopathology National Meeting, November 1999, La Jolla, California

Howard MS. “De Novo CD5-Positive diffuse large B cell lymphomas: a heterogeneous group containing a distinct form of splenic lymphoma”. Lecture presentation at United States and Canadian Academy of Pathology Annual Meeting, March 1999, San Francisco, California

DIAGNOSTIC PROFICIENCY TESTING PARTICIPATION:

Yearly participation in the American Society of Dermatopathology (ASDP) Diagnostic Quality Assurance Program

**CONTINUING MEDICAL EDUCATION
(CME) PROGRAMS:**

- Alabama Dermatology Society Annual Meetings, June 2005-2010, Destin, Florida.
- American Society of Dermatopathology Annual Meeting, October, 2010, Atlanta, Georgia.
- Society for Investigative Dermatology, Annual Meeting, May, 2010, Atlanta, Georgia.
- The Massachusetts Medical Society, NEJM Manuscript Review CME Program, December, 2009, Boston, Massachusetts.
- Georgia Society of Dermatologists Annual Meetings, June 2005-2007, 2009, Sea Island, Georgia and Ponte Vedra Beach, Florida.
- Piedmont Dermatological Society of South Carolina, Thirtieth Annual Congress, October, 2008, Asheville, North Carolina.
- Scientific Symposiums International Dermatopathology Course Reviews, June 2007-2009, Hilton Head Island, South Carolina.
- Dermatology Foundation Clinical Symposium: Advances in Dermatology, April 2008, Amelia Island, Florida.
- Fifty-sixth Annual Montagna Symposium on the Biology of the Skin, Oregon Health Sciences University School of Medicine, October, 2007, Gleneden Beach, Oregon.
- Harvard Dermatopathology Update CME Course, October 2006, Boston, Massachusetts

SCIENTIFIC CITATION WEBSITES:

- www.labmeeting.com/papers/author/HowardMS
- www.sciencedirect.com/science

- www.pipl.com/directory
- www.sidnet.org/donors.aspx.com
- www.sciencestage.com
- www.researchgate.net
- www.nextbio.com
- www.pubmed.org

REFERENCES:

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