

Curriculum Vitae
Brian Poligone, M.D., Ph.D.
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Fairport, NY 14450
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RECENT WORK EXPERIENCE

Director , Rochester Skin Lymphoma Medical Group, PLLC	2015-Current
Asst. Professor of Oncology , Director of Cutaneous Lymphomas, Wilmot Cancer Center	2009-2015
Asst. Professor of Dermatology , University of Rochester SOM, Dept. of Dermatology	2008-2015
Post Doctorate , Yale School of Medicine, Dept. of Immunology, (Mentor: Dr. Sankar Ghosh)	2006-2008
Resident in Dermatology , Yale School of Medicine, Department of Dermatology	2004-2007
Guest Resident , Chulalongkorn University, Bangkok Thailand	2006
Internship in Internal Medicine , Stanford University SOM, Department of Medicine	2003- 2004

EDUCATION

University of North Carolina SOM , M.D.	1996-2003
University of North Carolina SOM , Ph.D. in Genetics (Mentor: Dr. Albert S. Baldwin)	December 2001
Department of Dermatology, Krankenhaus Munich Schwabing. Dr. Wilhelm Stolz	April 2003
University of North Carolina at Chapel Hill , B.S. in Biology with Honors	1993-1995
Free University of Berlin , Berlin, Germany Courses in German History and Literature	1994
Wake Forest University , Biology and Chemistry Double Major	1991-1993

Invited Reviewer

2012 Ad-Hoc Member , National Science Centre for National Grants, Krakow, Poland	2012
2013 Reviewer , NIAMS Small Grant Program for New Investigators (R03) Awards	July 11-12, 2013
2013 Reviewer , NIAMS Small Grant Program for New Investigators (R03) Awards	Nov 5-6, 2013
2014 Reviewer , NIAMS Small Grant Program for New Investigators (R03) Awards	April 1-2, 2014
2014 Reviewer , NIAMS Small Grant Program for New Investigators (R03) Awards	July 9-10, 2014
2014 Elected Member , Society for Investigative Dermatology, Audit Committee	2014-2019
2014 Reviewer , NIAMS Small Grant Program for New Investigators (R03) Awards	Oct 22-23rd, 2014
2015 Reviewer , NIAMS Small Grant Program for New Investigators (R03) Awards	February 18-19, 2015

HONORS AND AWARDS

University of Rochester

Dermatology Foundation Career Development Award	2009
Dermatology Foundation Research Award	2009
NF kappa B Activity in Skin Inflammation and Carcinogenesis. NIAMS. 1K08AR055986-01	2009-2014

Yale University

Albert M. Kligman Travel Fellowship	2008
Dermatology Foundation Career Development Award	2008
Dermatology Foundation Research Grant	2008

RESEARCH

Publications

Primary Authorships

Poligone B, Querfeld C. Management of Advanced Cutaneous T-Cell Lymphoma: Role of the Dermatologist in the Multidisciplinary Team. *Br J Dermatol*. 2015 Apr 20. doi: 10.1111/bjd.13849.

- Poligone B. Risk of mortality in hydroa vacciniforme and hypersensitivity to mosquito bites. *Br J Dermatol.* 2015 Jan;172(1):5-6. doi: 10.1111/bjd.13536.
- The spectrum of pigmented purpuric dermatosis and mycosis fungoides: atypical T-cell dyscrasia. Ladrigan MK, Poligone B. *Cutis.* 2014 Dec;94(6):297-300.
- Poligone B. The good, the bad, and the ugly of free drug samples. *JAMA Dermatol.* 2014 Nov;150(11):1237-8. doi: 10.1001/jamadermatol.2014.1820.
- Poligone B, Gilmore ES, Alexander C, Oleksyn D, Gillespie K, Zhao J, Ibrahim S, Pentland AP, Brown M, Chen L. PKK Suppresses Tumor Growth and is Decreased in Squamous Cell Carcinoma of the Skin. *J Invest Dermatol.* 2014 Oct 6. doi: 10.1038/jid.2014.428.
- Poligone B, Hayden MS, Chen L, Pentland AP, Jimi E, Ghosh S. A role for NF- κ B activity in skin hyperplasia and the development of keratoacanthomata in mice. *PLoS One.* 2013 Aug 19;8(8):e71887. doi: 10.1371/journal.pone.0071887.
- Poligone B, Heald P. Menus for managing patients with cutaneous T-cell lymphoma. *Semin Cutan Med Surg.* 2012 Mar;31(1):25-32.
- Ahern K, Gilmore ES, Poligone B. Pruritus in cutaneous T-cell lymphoma: a review. *J Am Acad Dermatol.* 2012 Oct;67(4):760-8.
- Poligone, B, Chung, C, Lin, J. Romidepsin: the evidence for its potential use in the management of previously treated cutaneous T-cell lymphoma. *Core Evidence.* December 2010. Volume 2011:6 Pages 1-12
- Poligone B, Heald P. Innovative therapy of cutaneous T-cell lymphoma: beyond psoralen and ultraviolet light and nitrogen mustard. *Dermatol Clin.* 2010 Jul;28(3):501-10. Review.
- Poligone, B, Wilson, L, Subtil, A, Heald PW. Primary cutaneous T-cell lymphoma localized to the lower leg (CTCL-LLL): a distinct, locally-aggressive CTCL. *Archives of Dermatology.* 2009. Jun;145(6):677-82.
- Poligone B, Christensen SR, Lazova R, Heald PW. Bazex syndrome (acrokeratosis paraneoplastica). *Lancet.* 2007 Feb 10;369(9560):530.
- Poligone, B., D.J. Weaver, Jr., P. Sen, A.S. Baldwin, Jr., and R. Tisch. 2002. Elevated NF-kappaB activation in nonobese diabetic mouse dendritic cells Results in enhanced APC function. *J of Immunology.* 168:188-96.
- Poligone, B., D.J. Weaver, Jr., T. Bui, U.A. Motel, A.S. Baldwin, Jr., and R. Tisch. 2001. Dysregulation of NF- κ B signaling enhances the antigen presenting cell function of NOD mouse dendritic cells. *Scandinavian Journal of Immunology.* 54:s1:July/Aug.
- Poligone, B., and A.S. Baldwin. 2001. Positive and negative regulation of NF-kappaB by COX-2: roles of different prostaglandins. *Journal of Biological Chemistry.* 276:38658-64.
- Weaver, D.J. *, Jr., B. Poligone *, T. Bui, U.M. Abdel-Motal, A.S. Baldwin, Jr., and R. Tisch. 2001. Dendritic cells from nonobese diabetic mice exhibit a defect in NF-kappa B regulation due to a hyperactive I kappa B kinase. *Journal of Immunology.* 167:1461-8.

* Authors Contributed Equally to this Work

Other Authorships

Pulvino M, Chen L, Oleksyn D, Li J, Compitello G, Rossi R, Spence S, Balakrishnan V, Jordan C, Poligone B, Casulo C, Burack R, Shapiro JL, Bernstein S, Friedberg JW, Deshaies RJ, Land H, Zhao J. Inhibition of COP9-signalosome (CSN) deneddylating activity and tumor growth of diffuse large B-cell lymphomas by doxycycline. *Oncotarget*. 2015 Jun 20;6(17):14796-813.

Zayour M, Gilmore E, Heald P, Rose M, Poligone B, Lazova R. A distinct entity in the spectrum of the CD30+ cutaneous lymphoproliferative diseases: oligoclonal nodules with pseudoepitheliomatous hyperplasia followed by spontaneous resolution. *Am J Dermatopathol*. 2009 Feb;31(1):37-43. doi: 10.1097/DAD.0b013e31818779de.

Abdel-Motal, U.M., R. Friedline, B. Poligone, R.R. Pogue-Caley, J.A. Frelinger, and R. Tisch. 2001. Dendritic cell vaccination induces cross-reactive cytotoxic T lymphocytes specific for wild-type and natural variant human immunodeficiency virus type 1 epitopes in HLA-A*0201/Kb transgenic mice. *Clinical Immunology*. 101:51-8.

Sen P, Bhattacharyya S, Wallet M, Wong CP, Poligone B, Sen M, Baldwin AS Jr, Tisch R. 2003. NF-kappa B hyperactivation has differential effects on the APC function of nonobese diabetic mouse macrophages. *J Immunol*. 170(4):1770-80

Editorials, Reviews, Chapters, Books

Poligone, B., Kulwicht, W. Sexually Transmitted Diseases. *Manual of Dermatologic Therapeutics: With Essentials of Diagnosis*. 7th Edition. Lippincott Williams & Wilkins. 2006.

Poligone, B. Cutaneous signs of other diseases. *Cortlandt Forum*. October 2006.

Poligone, B. Spider Bites. *Cortlandt Forum*. January 2007.

Poligone, B. Springtime Dermatology. *Cortlandt Forum*. June 2007

POSTER PRESENTATIONS

2011 Evaluation of the NF kappa B Pathway in a Mouse Model of Psoriasis.
Brian Poligone, Kathleen Gillespie, Sandi Toth and Sankar Ghosh.
Rochester, May, 2011. Phoenix, Arizona.

2010 Localized Primary Cutaneous Marginal Zone B Cell Lymphoma Presenting with B Symptoms: a case report. September. 2010. First World Congress of Cutaneous T Cell Lymphoma. Chicago, USA.

2008 A Novel Mouse Model of Enhance NF kappa B Activity. International Investigative Dermatology Meeting (IID), May 14-17, 2008, Kyoto International Conference Hall, Kyoto, Japan

2006 64th Annual Meeting of the American Academy of Dermatology, March 3rd-6th. San Francisco, California. Gross and Microscopic. Primary Cutaneous Nodular Amyloidosis.

2001 11th International Congress of Immunology, July 22nd-27th, Stockholm, Sweden. Dysregulation of NF-κB Signaling Enhances the Antigen Presenting Cell Function of NOD Mouse Dendritic Cells.
One of only a few graduate students offered oral presentations at this meeting of over 5,000 attendees.

2000 Keystone Symposia, *NF-kappa B: Bench to Bedside*, March 21-27, Granlibakken, California, Poster Presentation: NF-kappa B in Autoimmunity and Cancer

1999 FASEB Summer Research Conference, *Autoimmunity*, June 19-24, Saxton Rivers, Vermont.

1999 John B. Graham Research Society, Poster Presentation: NF-kappa B regulates cyclooxygenase 2 in colorectal cancer cells.

INVITED ORAL PRESENTATIONS

2015 Annual American Academy of Dermatology Academy Meeting. Forum F167: The Approach to the Patient with Cutaneous T-Cell Lymphoma. San Francisco, CA March, 21, 2015. **Forum Director.**

2014 Annual American Academy of Dermatology Academy Meeting. Forum F167: The Approach to the Patient with Cutaneous T-Cell Lymphoma. Denver, CO March, 21, 2014. **Forum Director.**

2013 Annual American Academy of Dermatology Academy Meeting. Forum F167: The Approach to the Patient with Cutaneous T-Cell Lymphoma. Miami, FL March, 5, 2013. **Forum Director.**

2012 Annual American Academy of Dermatology Academy Meeting. F016: Case-Based Approach to Common Cutaneous Lymphoma Patient Problem. Boston, MA. August 18, 2012

2012 American Academy of Dermatology Summer Academy Meeting. F016: Case-Based Approach to Common Cutaneous Lymphoma Patient Problem. Boston, MA. August 18, 2012

2011 Annual American Academy of Dermatology Annual Meeting. F064 The Approach to the Patient with Cutaneous T-Cell Lymphoma. Anatomic Variants. New Orleans, LA. February 7th, 2011.

2009 University of Buffalo. Grand Rounds. Current Topics in Cutaneous T-Cell Lymphoma. Buffalo, NY.

2008 Rochester-Buffalo Dermatologic Society Meeting. Around the World and Back Again with Cheng and Eng. Rochester, New York.

2008 A Novel Mouse Model of Enhance NF kappa B Activity. International Investigative Dermatology Meeting (IID), May 14-17, 2008, Kyoto International Conference Hall, Kyoto, Japan

2006 64th Annual Meeting of the American Academy of Dermatology, March 3rd-6th. San Francisco, California. Gross and Microscopic. Primary Cutaneous Nodular Amyloidosis.

2001 11th International Congress of Immunology, July 22nd-27th, Stockholm, Sweden. Dysregulation of NF-κB Signaling Enhances the Antigen Presenting Cell Function of NOD Mouse Dendritic Cells. One of only a few graduate students offered oral presentations at this meeting of over 5,000 attendees.

RESEARCH EXPERIENCE

Analysis of the tymbal organ of Arctiidae moths with the scanning electron microscope

Preceptor: William Conner, Ph.D., Chairperson, Dept. of Biology, Wake Forest University, Winston-Salem, N.C.

Spring Semester 1993

Cloning the p75 low affinity NGF receptor

Preceptor: Yves-Alain Barde, M.D., Department of Neurochemistry, Max Planck Institute for Biochemistry, Munich, Germany.

Summer 1993.

Characterization of novel mammalian oligodendrocyte genes.

Preceptor: Dr. Martin Schwab, Ph.D., Brain Research Institute, University of Zurich, Switzerland

1994-1995

Expression of the Latent Membrane Protein-1 in the Stratified Squamous Cells of Transgenic Mice.

Preceptor: Nancy Raab-Traub, Ph.D., Department of Microbiology, University of North Carolina School of Medicine, Chapel Hill, N.C.

Summer 1997, Research Rotation

Generation of HPV E7 specific CD8+ CTLs using an HIV tat peptide-HPV chimeric protein.

Preceptor: Roland Tisch, Ph.D., Department of Microbiology, University of North Carolina School of Medicine, Chapel Hill, N.C.

Summer 1998, Research Rotation

Analysis of a Family with Idiopathic Hereditary Thrombocytopenia in Rural North Carolina.

Preceptor: Dr. Gilbert White, M.D., Department of Hematology and Oncology, University of North Carolina School of Medicine, Chapel Hill, N.C.

1998-1999

A Role for NF- κ B in Inflammation and Autoimmunity.

Preceptor: Albert S. Baldwin, Ph.D.

Lineberger Cancer Research Center, University of NC. School of Medicine. Committee Members: Dr. Albert S. Baldwin, Ph.D., Dr. Roland Tisch, Ph.D., Dr. Jenny P.Y. Ting, Ph.D., Dr. Balfour Sartor, M.D., Dr. David Brenner, M.D.

Dissertation 1998-2001

NF- κ B and the skin.

Preceptor: Dr. Sankar Ghosh, Ph.D.

Department of Immunobiology

Yale University School of Medicine

Post-Doctorate 2006-2008

RESEARCH SUPPORT

Ongoing

The National Psoriasis Foundation Poligone (PI)

6/1/2014-6/31/2015

The NF-kappa B Pathway as a Target of Therapy for Psoriasis

Role: PI

K08AR055986-05 Poligone (PI)

10/01/09-9/30/14

Study of NF- κ B signaling in keratinocytes and chemical carcinogenesis in mice.

Role: PI

Valeant Investigator Initiated Study Poligone (PI)

05/01/2014-Current

Imiquimod in the Treatment of Patch/Plaque Stage Mycosis Fungoides

Role: PI

Completed

James P. Wilmot Cancer Research Fellowship (PI)

2009-2011

R01AR050100-02 Tausk (PI)

2006-2012

Classical Conditioning in the Pharmacotherapy of Psoriasis

Role: Sub I

Clinical Trials

E7273-G000 Poligone (PI) 2010-2014.
Randomized, Study of Two Dose Levels of Targretin Capsules in patients with refractory Cutaneous T Cell Lymphoma.
Role: Site PI
Top recruiting site among 15 national CTCL Centers of Excellence

CC-930-DLE Poligone (PI) 2012.
A Research Study to Assess if CC-930 is Safe in Treating Subjects With Discoid Lupus Erythematosus.
Role: Site PI

KW-0761-010 Poligone(PI) 2012-Current
Open-Label, Multi-Center, Randomized Study of Anti-CCR4 Monoclonal Antibody KW 0761 (Mogamulizumab Versus Vorinostat in Subjects With Previously Treated Cutaneous T-Cell Lymphoma.
Role: Site PI

PROFESSIONAL MEMBERSHIPS

American Medical Association	2002-2004
American Academy of Dermatology	2004-Present
Member, Society for Investigative Dermatology	2008-Present
Diplomate, American Board of Dermatology	2007-Present
Compliance Officer, Department of Dermatology. University of Rochester	2009-Present
Website Committee, United States Cutaneous Lymphoma Consortium.	2010-Present
Member. United States Cutaneous Lymphoma Consortium.	2010-Present
Financing and Audit Committee. International Society of Cutaneous Lymphoma.	2011-Present
Member. International Society of Cutaneous Lymphoma.	2009-Present