

EMPLOYMENT

- September 2015-present: Department of Dermatology, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel
Director, Mohs Surgery Clinic
- June 2018-present: Burke Dermatology, Newark, Delaware
Mohs Surgery (Independent Contractor)
- Nov 2013-Feb 2018: Riverchase Dermatology (formerly Dermatology Consultants of Broward), Pembroke Pines, Florida
Mohs Surgery (Independent Contractor); admitting privileges at Memorial Hospital West
- July 2011-August 2015: Skin and Cancer Associates, South Miami, Florida (Judith Crowell Dermatology)
Mohs Surgery and General Dermatology; admitting privileges at Baptist Hospital of Miami

LICENSURE

- American Board of Dermatology: Board Certified as of examination date, July 29, 2010.
ACGME and Mohs College Fellowship-trained in Mohs Surgery and Procedural Dermatology.
Licensed to practice medicine in the United States in the States of Delaware, Florida, and New York.
Licensed to practice medicine in the State of Israel.

TRAINING

- July 2010-June 2011: **The Methodist Hospital**, Houston, TX: Fellowship in Procedural Dermatology, Leonard Goldberg, MD
July 2006-June 2010: **University of Alabama**, Birmingham, AL: Residency in Dermatology (2+2 Clinical/Research Track)
July 2005-June 2006: **Columbia-Presbyterian Medical Center**, New York, NY: Internship in Internal Medicine

EDUCATION/AWARDS

- August 2001-June 2005: **Weill Medical College of Cornell University**, New York, NY
MD with Honors in Research
 - Dean William Mecklenburg Polk Memorial Prize, 2005
 - The “Good Physician” Award, 2005
 - WMC Class of 2005 Student Council Award, 2002
 - Special recognition in Fundamentals of Genetic Medicine course for service to the class, 2001

August 2000-June 2001: **Caroline and Joseph S. Gruss Institute of Yeshiva University**, Jerusalem, Israel
Completed Winter Seminar in Medical Ethics at the Schlesinger Institute, Shaare Zedek Medical Center, Jerusalem

June 1999-June 2000: **Bernard Revel Graduate School of Yeshiva University**, New York, NY
MA (Modern Jewish History)
 - Mozes S. Schupf Graduate Fellowship Award

August 1994-June 1999: **Yeshiva College of Yeshiva University**, New York, NY
BA, *summa cum laude* (Biology)
 - Masmid Award for Outstanding Service to the Student Body
 - Danishefsky Torah U’Madda Award for Excellence in Science and Judaic Studies
 - Roth Institute Scholar, Summer Undergraduate Research Program at Albert Einstein College of Medicine
 - Dean’s List, all semesters

RESEARCH EXPERIENCE

- July 2008-June 2010: **University of Alabama at Birmingham**, Department of Dermatology, Post-Doctoral Fellow.
Sponsor: Dr. Craig A. Elmets. *Effects of cytokine knockouts and genetic mutations on the genesis of melanocytic nevi and melanoma in mice; immunization with mutant HRAS peptide for melanoma prevention; effect of toll-like receptor polymorphisms in human susceptibility to non-melanoma skin cancer.*
- Summer 2002: **Weill Medical College of Cornell University**, Department of Dermatology, Research Assistant.
Sponsor: Dr. Richard D. Granstein. *Immunomodulatory effects of extracellular ATP on epidermal Langerhans cells.*
- Summer 1998: **Albert Einstein College of Medicine**, Department of Rheumatology, Roth Institute Scholar.
Sponsor: Dr. Anne Davidson. *Mechanism by which CTLA4Ig administration prevents onset of systemic lupus erythematosus in murine SLE models.*
- Summer 1997: **Albert Einstein College of Medicine**, Department of Neuroscience, Research Assistant.
Sponsor: Dr. David E. Weinstein. *Genetic regulation of myelination in Schwann cells.*

MEMBERSHIPS AND APPOINTMENTS

- Fellow of the American Academy of Dermatology, Fellow of the American College of Mohs Surgery

PUBLICATIONS

- Smith JR, Moody MN, Landau JM, Holzer AM, Goldberg LH, Tschen JA. Nontender nodules on the lower lip. The diagnosis: primary systemic amyloidosis. *Cutis*. 2014 Aug;94(2):E10-2.
- Moody MN, Kazakevich N, Smith JR, Landau JM, Tschen JA, Holzer A, Goldberg LH. Sweat the small stuff: the importance of clinical-pathologic correlation in cutaneous GVHD following orthotopic liver transplant. *Arch Dermatol*. 2011 Nov;147(11):1345-6.
- Moody MN, Landau JM, Holzer A, Goldberg LH. Non-surgical treatment of skin cancers and precancers. *Skin Cancer Foundation J*. 2011;29:52-4.
- Goldberg LH, Landau JM, Moody MN, Kazakevich N, Holzer AM, Myers A. Resolution of odontogenic keratocysts of the jaw in Basal Cell Nevus Syndrome with GDC-0449. *Arch Dermatol*. 2011 Mar 21.
- Holzer AM, Yusuf N, Tisdale B, Katiyar SK, Elmets CA. Systemic and topical use of green-tea polyphenols for healthy skin. In Krutmann, J, and Humbert, P, eds. *Nutrition for Healthy Skin*. Springer: Berlin, 2011, p. 71-84.
- Holzer AM, Elmets CA. The other end of the rainbow: infrared and skin. *J Invest Dermatol*. 2010;6:1496-9.
- Bentley D, Andea A, Holzer A, Elewski B. Lack of classic histology should not prevent diagnosis of necrolytic acral erythema. *J Am Acad Dermatol*. 2009;60:504-507.
- Holzer AM, Hughey LC. Trichodysplasia of immunosuppression treated with oral valganciclovir. *J Am Acad Dermatol*. 2009;60:169-172.
- Holzer AM, Burgin S, Levine VJ. Adverse effects of Q-switched laser treatment of tattoos: a case report and review. *Dermatol Surg*. 2008;34:118-122.
- Holzer AM, Levis WR. Antiviral immunotherapy: emerging approaches with relevance to cutaneous disease. *Exp Rev Dermatol*. 2007;2:619-627.
- Holzer AM, Martiniuk F, Levis WR. Heat-shock proteins in cancer, infections, and autoimmune and atopic diseases. *J Drugs Dermatol*. 2007;6:393-399.
- Levis WR, Holzer AM, Leonard LK. Topical diphenylcyclopropenone as a measure of immune competence in HIV-seropositive subjects. *J Drugs Dermatol*. 2006;5:853-858.
- Holzer AM, Kaplan LL, Levis WR. Haptens as drugs: contact allergens are powerful topical immunomodulators. *J Drugs in Dermatol*. 2006;5:410-416.
- Granstein RD, Ding W, Huang J, Holzer A, Gallo RL, Di Nardo A, Wagner JA. Augmentation of cutaneous immune responses by ATP gamma S: purinergic agonists define a novel class of immunologic adjuvants. *J Immunol*. 2005;174:7725-7731.
- Holzer AM, Granstein RD. Role of extracellular adenosine triphosphate in human skin. *J Cutan Med Surg*. 2004;8:90-96.
- Mihara M, Tan I, Chuzin Y, Reddy B, Budhai L, Holzer A, Gu Y, Davidson A. CTLA4Ig inhibits T-cell-dependent B-cell maturation in murine systemic lupus erythematosus. *J Clin Invest*. 2000; 106:91-101.

PRESENTATIONS

- Holzer AM, Goldberg LH, Moody MN, Landau J, Kimyai-Asadi A, Vergilis-Kalner I. Prevention of hypertrophic scars and keloids after surgery on the chest using freehand split thickness skin grafts. Poster at the American College of Mohs Surgery, 2011.
- Goldberg LH, Holzer AM. Treating skin cancer without a knife. Session at the American Society for Dermatologic Surgery, 2010.
- Holzer AM, Patel R, Nasti TH, Andea A, Yusuf N, Elmets C. Role of p16INK4a mutations in melanocytic nevi induced by 7,12-dimethylbenz(a)anthracene (DMBA). Poster at the Society for Investigative Dermatology, 2010.
- Rudemiller K, Twitty G, Kim H, Rivera A, Roth J, Holzer AM, Yusuf N, Elmets C, Timares L. Topical genetic immunization and engineered dendritic cell-based vaccines raise CD8 T cell Specific responses against a carcinogen-induced point mutation of the H-ras oncogene. Poster and presentation at the Society for Investigative Dermatology, 2010.
- Holzer AM, Andea A, Cafardi J. Porokeratotic eccrine and hair follicle nevus in a patient with human immunodeficiency virus. Presentation at the Gross and Microscopic Symposium of the American Academy of Dermatology, 2010.
- Holzer AM, Nasti T, Yusuf N, Katiyar S, Elmets CA. IL-12/23 suppresses the growth of melanocytic nevi in mice. Poster at the Society for Investigative Dermatology, 2009.
- Elmets CA, Yusuf N, Nasti T, Holzer A, Xu H, Athar M, Timares L. Mutant ras proteins are capable of eliciting allergic contact hypersensitivity responses. Poster at the Society for Investigative Dermatology, 2009.
- Yusuf N, Nasti TH, Holzer AM, Huang C, Timares L, Xu H, Athar M and Elmets CA. Heat shock proteins-27 and -70 have a functional role in cutaneous cell-mediated immune responses through effects on dendritic cells. Poster at the Society for Investigative Dermatology, 2009.
- Rudemiller K, Twitty G, Kim H, Rivera A, Roth J, Holzer A, Yusuf N, Elmets C, Timares L. Genetically engineered LCs induce immunity to the carcinogenic polyaromatic hydrocarbon induced point mutation of the H-Ras oncogene. Poster at the 11th Annual Workshop on Langerhans Cells, 2009.
- Holzer AM, Andea A, Elewski B, Bentley D. An unusual clinical and histopathological variant of necrolytic acral erythema. Poster at the American Academy of Dermatology, 2009.
- Holzer AM, Hughey LC, Gerald AK, Bussian AH. Trichodysplasia of immunosuppression. Poster at the American Academy of Dermatology, 2008.
- Holzer AM, Croitoru A, Hughey LC. Anetoderma as a sole manifestation of serologic autoimmunity. Poster at the American Academy of Dermatology, 2007.
- Granstein RD, Ding W, Kodali S, Holzer A, Seiffert K, Di Nardo A, Gallo RL. Intradermal Administration of a purinergic agonist augments the induction of immunity in mice. Poster at the Society for Investigative Dermatology, 2004.