Founder Marmur Medical 12 East 87th Street, Suite 1A New York, NY 10128

ellen.marmur@marmurmedical.com 212-996-6900

Education:

1987-1991 Vassar College, Poughkeepsie, NY

B.A.; Major: Philosophy; Concentration: Japanese

1992-1995 University of California, Berkeley, Berkeley, CA

Post-Baccalaureate Pre-Medical Curriculum

1995-1999 Albert Einstein College of Medicine, Bronx, NY

MD. Graduated with Alpha Omega Alpha & Distinction in

Research.

Post-Doctoral Training:

1999-2000 Mount Sinai Hospital, New York, NY

Internal Medicine Internship

2000-2003 Cornell University, New York Hospital, New York, NY

Dermatology Residency

2003-2004 Skin Laser & Surgery Specialists of NY & NJ

Procedural Dermatology Fellowship in Mohs and Laser Surgery

Advisor: David J. Goldberg, M.D.

Academic Appointments:

2004-2009 Icahn School of Medicine at Mount Sinai, New York, NY

Assistant Professor, Department of Dermatology

2009-2012 Icahn School of Medicine at Mount Sinai, New York, NY

Associate Professor, Dept. of Genomics and Genetic Science

2012-Present Icahn School of Medicine at Mount Sinai, New York, NY

Associate Clinical Professor, Department of Dermatology

Associate Clinical Professor, Department of Genomics and Genetic Science

Hospital Appointments:

2004-Present Mount Sinai Hospital, New York, NY

Attending

Certification:

2003 American Board of Dermatology

2013 American Board of Dermatology (re-certified)

Licensure:

1999 New York State #219305

Honors/Awards:

1999 Alpha Omega Alpha Award

Awarded for graduating with highest honors.

1999 Albert Einstein College of Medicine Distinction in Research

Awarded for outstanding research in melanoma vaccines.

1999 American Medical Women's Association

Awarded for excellence in clinical and academic medicine.

1996 Freshman Summer Research Fellowship

Awarded for research at the University of California,

San Francisco.

2005- Present Best Doctor in America

2007-Present Leading Health Professionals of the World

2009 President's Volunteer Service Award

2010 Cosmopolitan Magazine's First Annual Practice Safe Sun

Award Recipient

2010-present New York Times Magazine Best Doctors

Best Dermatologist

2011 AAD Presidential Citation "For working with the media to

positively position the specialty of dermatology and educate the public about the importance of skin cancer detection

and prevention."

2010-Present Castle Connolly Top Doctors Award

2014 Cosmopolitan Magazine Dermatologist of the Year

2014 AAD Presidential Award for Philanthropic Effort SCTAH

2015 City of Hope Spirit of Life Award

2017 Wings of Hope Humanitarian Award

Memberships in Professional Organizations:

2001-Present American Academy of Dermatology

2003-Present American College of Mohs Micrographic Surgery and

Cutaneous Oncology

2003-Present American Society for Dermatologic Surgery

2003-2013 American Society for Laser Medicine and Surgery

2003-Present Manhattan Metropolitan Dermatological Society

2003-Present New York Dermatologic Society

2003-Present New York Society of Dermatology and Dermatologic Surgery

2003-Present New York Facial Plastics Society

2003-Present Women's Dermatologic Society

2008-Present Mount Sinai Faculty Practice Women's Health Program

2008-Present Association of Professors of Dermatology

2009-Present Mount Sinai Tisch Cancer Institute

2010- Present President, American Society of Cosmetic Dermatology and Aesthetic Surgery

2010-2014 Member of the SKINnovations Committee, American Academy of

Dermatology

2010-Present AgingSkinNet Work Group, American Academy of Dermatology

2010-Present Membership Committee, Women's Dermatologic Society

2011-Present ASDS Preceptorship Program, Preceptor

2014-Present ASDS Co-Director of Scientific Meeting

2014-2015 President, Manhattan Metropolitan Dermatological Society

2015 AAD Volunteerism Committee Member

2016-2017 ASDS Product and Service Development Work Group

2017 92Y Extraordinary Women Awards Selection Committee

Service to Professional Publications:

2006-Present Reviewer, *Dermatologic Surgery*

2004-Present Reviewer, *Journal of Cosmetic and Laser Therapy*.

2010-Present Reviewer, *Journal of Skin Cancer*

2010-Present Reviewer, *Journal of Cosmetic and Laser Therapy*

Publications (Maiden name: Moore):

Books:

Simple Skin Beauty: Every Woman's Guide to a Lifetime of Healthy,
Gorgeous Skin E Marmur with Gina Way, ed. Atria Books, Division of Simon and Schuster, Inc., New York, 2009.

Original Contributions (Incomplete):

- 1. Gallo D, Yeh E, **Moore** ES, and Hanson CV. Comparison of four enzyme immunoassays for detection of HTLV-2 antibodies. *J Clin Microbio*. 1995:34:213-215.
- 2. Taylor RN, Ryan IP, **Moore** ES, et. al. Angiogenesis and macrophage activation in endometriosis. *Ann New York Acad Sci.* 1997:828:194-207.
- 3. Cimiotti J, **Marmur** ES, Nesin M, Hamlin P, Larson E. Adverse reactions associated with an alcohol-based hand sanitizer among nurses in a neonatal Intensive Care Unit. *Am J Infect Control* 2003;31(1):43-8
- 4. **Marmur** ES, Phelps R, Goldberg DJ. Clinical, histologic and electron microscopic findings after injection of a calcium hydroxylapatite filler. *J Cosmet Laser Ther.* 2004;6(4):223-6.

- 5. **Marmur** ES, Schmults CD, Goldberg DJ. A review of laser and photodynamic therapy for the treatment of non-melanoma skin cancer. *Dermatol Surg.* 2004:30:s2, 264-71.
- 6. Amin SP, **Marmur** ES, Goldberg DJ. Complications from injectable polyacrylamide gel, a new nonbiodegradable soft tissue filler. *Dermatol Surg*. 2004;30(12 Pt 2):1507-9.
- 7. Goldberg DJ, **Marmur** ES, Hussain M. Treatment of terminal and vellus non-pigmented hairs with an optical/bipolar radiofrequency energy source-with and without pre-treatment using topical aminolevulinic acid. *J Cosmet Laser Ther*. 2005;7(1):25-8.
- 8. **Marmur** ES, Phelps R, Goldberg DJ. Ultrastructural changes seen after ALA-IPL photorejuvenation: a pilot study. *J Cosmet Laser Ther*. 2005;7(1):21-4
- 9. Goldberg DJ, **Marmur** ES, Schmults C, Hussain M, Phelps R. Histologic and ultrastructural analysis of ultraviolet B laser and light source treatment of leukoderma in striae distensae. *Dermatol Surg.* 2005;31(4):385-7.
- 10. Goldberg DJ, **Marmur** ES, Amin S, Hussain M. Comparative treatment of small diameter (< or =400 microm) vascular lesions using extended pulse dye lasers. *Lasers Surg Med.* 2006;38(2):106-11.
- 11. Lolis MS, **Marmur** ES. Paradoxical effects of hair removal systems: a review. *J Cosmet Dermatol*. 2006;5(4):274-6.
- 12. Kirkorian AY, Moore BL, Siskind J, **Marmur** ES. Perioperative management of anticoagulant therapy during cutaneous surgery. 2005 Survey of Mohs Surgeons. *Dermatol Surg*. 2007;33(10):1189-97.
- 13. Fuchs A, Marmur E. The kinetics of skin cancer: progression of actinic keratosis to squamous cell carcinoma. *Dermatol Surg.* 2007;33(9):1099-101.
- 14. Lolis M, **Marmur** ES Treatment of disseminated superficial actinic porokeratosis (DSAP) with Q-switched Ruby laser, *J Cosmet Laser Ther*. 2008;10(2):124-7.
- 15. de Sa Earp AP. **Marmur** ES. The five D's of botulinum toxin: doses, dilution. diffusion, duration and dogma. *J Cosmet Laser Ther*. 2008;10(2):93-102.
- Amir I, Marmur ES, Kriegel DA. Bloodless nasal alar surgery: another innovative use of the chalazion clamp. *Dermatol Surg*. 2009;May;35(5):843-3.

- 17. **Marmur** ES, Al Quran H, de Sa Earp AP, Yoo JY. A Five-Patient Satisfaction Pilot Study of Calcium Hydroxylapatite Injection for Treatment of Aging Hands. *Dermatol Surg.* 2009; Dec 35(12):1978-1984.
- 18. Marmur ES, Taylor SC, Grimes PE, Boyd CM, Porter JP, Yoo JY. Sixmonth Safety Results of Calcium Hydroxylapatite (Radiesse) for Treatment of Nasolabial Folds in Fitzpatrick Skin Types of IV-VI. *Dermatol Surg.* 2009; Oct 35 Suppl 2:1641-5.
- 19. **Marmur** ES, Green L, Busso M. A Controlled, Randomized Study of Pain Levels in Subjects Treated with Calcium Hydroxylapatite Premixed with Lidocaine for Correction of Nasolabial Folds. *Dermatol Surg.* 2010 Mar;36(3):309-15.
- 20. Han A, Penrose C, Goldsmith A, **Marmur** ES. Case-Based Considerations in the Treatment of Actinic Keratoses: Utilizing Combination or Sequential Therapy With 5-Fluorouracil Cream and Destructive Treatments. *J Drugs Dermatol*. 2010; July 9(7):864-869.
- 21. **Marmur** ES, Berkowitz EZ, Fuchs BS, Singer GK, Yoo JY. The Use of High Frequency High Resolution Ultrasound Prior to Mohs Surgery. *Dermatol Surg.* 2010; June 36(6):841-7.
- 22. Lee A, Grummer SE, Kriegel D, **Marmur** E. Hyaluronidase. *Dermatol Surg*. 2010; July 36(7):1071-7.
- 23. Turner RB, Amir I, Yoo JY, Fuchs AE, Kriegel DA, **Marmur** ES. Catastrophic cutaneous carcinomatosis in the non-organ transplant patient. *J Am Acad Dermatol.* 2011 Mar;64(3):536-41.
- 24. Rohrich RJ, Hanke CW, Busso M, Carruthers A, **Marmur ES**, et al. Facial soft-tissue fillers conference: assessing the state of the science. *Plast Reconstr Surg* 2011 Apr;127(4 Suppl):22S-S.
- 25. Hanke CW, Rohrich RJ, Busso M, Carruthers A, Carruthers J, **Marmur E**, et al. Facial Soft-Tissue Fillers conference: Assessing the State of the Science. *J Am Acad Dermatol* 2011 Apr 64 (4 Suppl): S66-85.
- 26. Hanke CW, Rohrich RJ, Busso M, Carruthers A, Carruthers J, **Marmur E**, et al. Facial Soft-Tissue Fillers conference: Assessing the State of the Science Conference Proceedings Report. *J Am Acad Dermatol* 2011 Apr 64 (4 Suppl): S53-65.
- 27. Lee A, Kriegel DA, **Marmur** ES. A method for distinguishing the intended margins for a melanoma from the tissue cones after surgical excision. *Int J Dermatol* 2011 Dec;50(12):1560-3.

- 28. Nolan K, **Marmur E**. Over-the-Counter Topical Skincare Products: A Review of the Literature. *J Drugs in Dermatol* 2012 Feb.
- 29. Nolan K, **Marmur E**. Use of a Perimeter Technique with Mohs Micrographic Surgery in the Resection of a Giant Basal Cell Carcinoma. *Journal of Cutaneous Medicine & Surgery* 2012.
- 30. Kleinerman R, Whang TB, Bard RL, **Marmur ES**. Ultrasound in Dermatology: Principles and Applications. *J Am Acad Dermatol* 2012.
- 31. **Marmur E**. The New Face of Fillers: A Multi-Specialty Evidence-Based CME Initiative. *J Drugs Dermatol* March 2012.
- 32. Sekulic A, Migden MR, Oro AE, Dirix L, **Marmur E**, et al. Efficacy and safety of vismodegib in advanced basal-cell carcinoma. *N Engl J Med*. 2012 Jun 7;366(23):2171-9.
- 33. **Marmur E**. Moisturizers: Reality and the Skin Benefits (GUEST EDITOR: Dr. Draelos). *Dermatologic Therapy*.
- 34. Kleydman K, Cohen J, **Marmur E**. Nitroglycerin: A Review of its Use in the Treatment of Vascular Occlusion After Soft Tissue Augmentation. *Derm Surgery*.
- 35. Juhász M, **Marmur E**. A review of selected chemical additives in cosmetic products. Dermatol Ther, 27 (6): 317-22, 2014.
- 36. Juhász M, **Marmur E**. Systematic review of vismodegib toxicity profile in the treatment of advanced basal cell carcinomas compared to other systemic therapies in dermatology. J Drugs Dermatol, 13 (6): 729-33, 2014.
- 37. Juhász M, **Marmur E**. Reviewing challenges in the diagnosis and treatment of lentigo maligna and lentigo-maligna melanoma. Rare Cancers Ther, 3:133-45, 2015.
- 38. Juhász M, Maman D, Levin J, **Marmur E**. Pyoderma gangrenosum of the breast in a patient with a history of silicone augmentation mastopexy and suction assisted lipectomy of the trunk. JAAD Case Rep, 1 (6): 329-32, 2015.
- 39. Juhász M, **Marmur E**. Temporal fossa defects: techniques for injecting hyaluronic acid filler and complications after hyaluronic acid filler injection. J Cosmet Dermatol, 14 (3): 254-9, 2015.
- 40. Juhász MLW, Levin MK, **Marmur ES**. The Two Faces of Fractionated Photodynamic Therapy: Increasing Efficacy With Light Fractionation or Adjuvant Use of Fractional Laser Technology. *JDD*. 2016 November-15(II): 1324-1328.

- 41. Juhász M, Levin M, **Marmur E**. A pilot study examining the safety and efficacy of calcium hydroxylapatite filler with integral lidocaine over a 12-month period to correct temporal fossa volume loss. Derm Surg, 2016.
- 42. Juhász M, Levin M, **Marmur E**. The kinetics of reversible hyaluronic acid filler injection treated with hyaluronidase. Derm Surg, 2016.
- 43. Juhász M, Levin M, **Marmur E**. The two faces of photodynamic therapy: increasing efficacy with light fractionation or adjuvant use of fractional laser technology. J Drugs Dermatol, 15(11), 2016.
- 44. Levin M, Juhász M, **Marmur E**. An update on combination treatments with fractional resurfacing lasers. Curr Derm Rep Laser Therapy Special Edition. 5 (3): 191-9, 2016.
- 45. Juhász, M, Levin, M, **Marmur**, E. The kinetics of reversible hyaluronic acid filler injection treated with hyaluronidase. Dermatol Surg, 43(6):841-7, 2017.
- 46. Juhász, M, Levin, M, **Marmur, E**. A pilot study examining the safety and efficacy of calcium hydroxylapatite filler with integral lidocaine over a 12-month period to correct temporal fossa volume loss. Dermatol Surg, doi:10.1097/DSS.0000000000001268, 2017.
- 47. Juhász, M, Levin, M, **Marmur, E**. A review of available home devices for use in dermatology. J Cosmet Dermatol, 16(4):438-43, 2017.
- 48. Juhász, M, **Marmur, E**. Energy-based devices in male skin rejuvenation. Dermatol Clin, 36(1):21-8, 2018.
- 49. Juhász, M, **Marmur, E**. Multiply recurrent keratoacanthoma of the lower leg after repeated wide-excision and Mohs micrographic surgery. Dermatol Surg, doi:10.1097/DSS.0000000000001422, 2017.
- 50. Juhász, M, Marmur, E. Cold panniculitis following cryolipolysis treatment of the abdomen. Dermatol Surg, doi:10.1097/DSS.000000000001436, 2017.
- 51. Juhász, M, Levin, M, **Marmur, E**. Recall erythema phenomenon following Er:YAG laser treatment: two case studies and literature review. J Cosmet Las Ther, 28:1-3, doi:10.1080/14764172.2017.1400172, 2017.
- 52. Juhász, M, Levin, M, **Marmur**, E. The use of natural ingredients in innovative Korean cosmeceuticals. J Cosmet Dermatol, 17(3):305-12, 2018.
- 53. Juhász, M, **Marmur E**. The new role of cost-effective practices in dermatology. J Dermatol Forecast. 1(1):1002, 2018.

- 54. Juhász, M, **Marmur, E**. Examining the efficacy of calcium hydroxylapatite filler with integral lidocaine in correcting volume loss of the jawline a pilot study. Dermatol Surg, doi: 10.1097/DSS.000000000001528, 2018.
- 55. Juhász, M, **Marmur**, E, Levitt, J. Adjunctive vismodegib with fractional carbon dioxide laser for the treatment of multiple trichoepitheliomas and basal cell cancers of the nose. Accepted with revisions to Dermatol Surg, 2018.

Book Chapters:

- 1. **Marmur** ES, Pasternak FR, and Varghese M. Dermatological Complications of Diabetes Mellitus; Allergy to Insulin and Oral Agents. *Principles of Diabetes*, 473-490, Kluwer Academic Publishing, Boston, MA, 2002.
- 2. Wheeland RG, **Marmur** ES, Schmults CD, Pigmented Lesions and Tattoos *in Procedures in Cosmetic Dermatology*, Elsevier Saunders, London, UK, 2004.
- 3. **Marmur** ES, Goldberg DJ. Non-ablative Laser Resurfacing *in Procedures in Cosmetic Dermatology*, Elsevier Saunders, London, UK, 2004.
- 4. Rigel D, **Marmur** ES, Carucci J. Lentigo maligna. *Treatment of Skin Disease*, 377-380, Elsevier Saunders, Oxford, UK, 2013.
- 5. Juhász M, **Marmur** E. Hand Rejuvenation. *Rejuvenation of the Aging Body*, Neil S. Sadick (ed). Chapter 6, JP Medical Ltd, London, UK, 2016.
- 6. **Marmur**, E. Acknowledgement of Juhász, M. Novel uses of fillers (Chin, Nose, Hands) from "Dermal Fillers". D.J. Goldberg (ed.). Aesthet Dermatol, Karger, Basel, SUI, doi:10.1159/000479138, 105-120, 2017.

Presentations and Posters:

- Moore ES, Berman AJ, Xie Z, Bystryn J-C. Heterogeneity in Vaccine-Induced IgM and IgG antibody responses to melanoma antigens. Presented in poster form at the Annual Meeting of the American Academy of Cancer Research, Philadelphia, PA, 1999.
- 2. **Moore ES**, Sachs DL, Salob SP, Myskowski PL. Sezary Herpeticum. Presented in poster form at the 60th Annual Meeting of the American Academy of Dermatology, New Orleans, LA, 2002.
- 3. **Marmur ES**. Lichen Amyloidosis Case Presentation and Review. The New York Dermatology Society, New York, NY, 2002.

- 4. **Marmur ES**. Surgical Anatomy of the Face, Young Leaders in Dermatology Symposium. Tuscon, AZ, 2004.
- 5. **Marmur ES**, Phelps RJ, Goldberg DJ. Calcium Hydroxylapatite: Ultrastructural Analysis of a New Dermal Filler. International Master Course on Aging Skin, Boston, MA, 2004.
- 6. **Marmur ES**, Phelps RJ, Goldberg DJ. ALA-IPL Photorejuvenation: An Ultrastructural Analysis. International Master Course on Aging Skin, Boston MA, 2004.
- 7. Goldberg DJ, **Marmur ES**, et. al. The Use of Topical Immunomodulators With 308nm Laser in the Treatment of Vitiligo. Presented in poster form at The American Society for Laser Medicine and Surgery, Houston, TX, 2004.
- 8. Amir I, Ignat E, Kriegel D, **Marmur** E. A Novel Technique for Tissue Orientation and Inking for Mohs Surgery; Cutting Processing Times in Half While Maintaining High Accuracy and Orientation. Presented in poster form at the 40th Annual Meeting of the Mohs College, Vancouver, BC, May 2008.
- 9. **Marmur** ES, Berkowitz EZ, Fuchs BS, Singer GK, Yoo JY. The use of High Frequency High Resolution Ultrasound Prior to Mohs Surgery. Presented in poster form at the American College of Mohs Surgeons Annual Meeting, Austin, TX, April 23-26, 2009.
- 10. **Marmur** ES, Taylor SC, Grimes PE, Boyd CM, Porter JP, Yoo JY. A Multi-Patient, satisfaction study of calcium hydroxylapatite injection for treatment of the aging hand. Presented in poster form at the American Academy of Dermatology Summer Meeting, Boston, MA, July 29- August 2, 2009.
- 11. Yoo J, Turner R, Frankel A, Chaarani J, Singer G, **Marmur E**. Combination Therapy for the Treatment of Erythematotelangiectatic Rosacea. Accepted for an oral presentation at the 31st Annual Conference of the American Society for Laser Medicine and Surgery, to be held at the Gaylord Texan Resort and Convention Center in Grapevine, Texas, March 30 April 3, 2011.
- 12. Berman B, **Marmur E**, Larsson T, Melgaard A. Three-Day Topical Treatment With Ingenol Mebutate Gel, 0.015% for Actinic Keratosis Lesions on the Face and Scalp: Analysis of Data Pooled From Two Trials. Abstract. American Academy of Dermatology Annual Meeting, March 16-20, 2012, San Diego, California.
- 13. Juhász M, **Marmur E**. The Impact of Selected Chemical Additives in Cosmetic Products. Orlando Dermatology Aesthetic and Clinical Conference, Orlando, FL, Jan. 17-19, 2014.

- 14. Marmur E, Juhász M. Challenges in Diagnosing and treating Lentigo Maligna and Lentigo-Maligna Melanoma. American Society for Dermatologic Surgery Annual Meeting, San Diego, CA, Nov. 6-8, 2014.
- 15. Juhász M, Marmur E. Vismodegib toxicity profile in treating advanced basal cell carcinoma (BCC) compared to other dermatologic systemic therapies. Orlando Dermatology Aesthetic and Clinical Conference, Orlando, FL, Jan. 16-19, 2015.
- 16. Juhász M, **Marmur E**, Levitt J. Use of vismodegib in the treatment of a patient diagnosed with concomitant multiple trichoepithelioma and malignant basal cell carcinoma. American Academy of Dermatology Annual Meeting, San Francisco, CA, Mar. 20-24, 2015.
- 17. Juhász M, Marmur E. Pilot study examining the safety and efficacy of calcium hydroxylapatite filler with integral lidocaine to correct temporal fossae volume loss. Accepted to the American Academy of Dermatology Annual Meeting, Washington, DC, Mar 4-8, 2016.
- 18. **Marmur E**, Juhász M, Levin M. Pilot study examining the safety and efficacy of calcium hydroxylapatite filler with integral lidocaine to correct temporal fossae volume loss an update at 9 months. Accepted to The ASDS Nov, 2016; Published in the program book.
- 19. **Marmur E**, Juhász M, Levin M. Pilot study examining the safety and efficacy of calcium hydroxylapatite filler with integral lidocaine to correct jawline volume loss. Accepted to The ASDS Annual Meeting, Nov 2016.
- 20. **Marmur E**, Juhász M, Levin M. A pilot study examining time and dose dependent reversal of the full range of commercially available hyaluronic acid fillers using hyaluronidase. Accepted to The ASDS Annual Meeting, Nov 2016.
- 21. Juhász, M, Levin, M, **Marmur, E**. Pilot study examining the safety and efficacy of calcium hydroxylapatite filler with integral lidocaine to correct temporal fossae volume loss an update at 9 months. American Society for Dermatologic Surgery Annual Meeting, New Orleans, LA, Nov. 10-13, 2016; Published in the program book.
- 22. Juhász, M, Levin, M, **Marmur, E**. The recall erythema phenomenon following Er:YAG laser treatment. Accepted to Orlando Dermatology Aesthetic and Clinical Conference, Miami, FL, Jan. 13-16, 2017; Poster presentation, unable to attend; scheduling conflicts.
- 23. Juhász, M, Levin, M, **Marmur**, E. Time and dose dependent reversal of the full range of commercially available hyaluronic acid fillers using hyaluronidase. Accepted to Orlando Dermatology Aesthetic and Clinical Conference, Miami, FL, Jan. 13-16, 2017; Poster presentation, unable to attend; scheduling conflicts.
- 24. Juhász, M, Levin, M, **Marmur, E**. Pilot study examining the safety and efficacy of calcium hydroxylapatite filler with integral lidocaine to correct temporal fossae volume loss an

update at 9 months. American Academy of Dermatology Annual Meeting, Orlando, FL, Mar. 3-7, 2017; Poster presentation.

- 25. Juhász, M, Levin, M, **Marmur, E.** Pilot study examining the safety and efficacy of calcium hydroxylapatite filler with integral lidocaine to correct jawline volume loss at 3 months. American Academy of Dermatology Annual Meeting, Orlando, FL, Mar. 3-7, 2017; Poster presentation.
- 26. Juhász, M, **Marmur**, **E**. Pilot study examining the safety and efficacy of calcium hydroxylapatite filler with integral lidocaine to correct jawline volume loss an update at 12 months. Accepted to the American Academy of Dermatology Annual Meeting, San Diego, CA, Feb. 16-20, 2018; ePoster.

Lectures:

Speaker, 14th Annual Symposium on Cosmetic and Laser Surgery, International Society of Cosmetic and Laser Surgeons, Las Vegas, NV, September 2005.

Speaker and Director of Focus Session, Lasers for the Beginner, American Academy of Dermatology, San Francisco, CA, March 2006.

Invited Guest, Aesthetic Technology Educational Forum, New York, NY, September 2007.

Invited Guest, *Leaders in Cosmetic Dermatology Forum* BioForm Medical Inc. San Francisco, CA, July 2007.

Lecturer, NYC Aging Face Conference "Elements of a Winning Practice," Workshop, New York, NY, October 2007.

Invited Speaker, 21st Congress of Dermatology, "Fundamentals of Cutaneous Surgery," Buenos Aires, Argentina, October 2007.

Presenter, Live Patient Workshop 26th Fall Clinical Dermatology Conference, "Peels," Las Vegas, NV, October 2007.

Speaker, 26th Fall Clinical Dermatology Conference, "Effective Treatment of Photodamage," Las Vegas, NV, October 2007.

Faculty Speaker, CME Scholar/ACGME-accredited CME provider, Injectable Facial Aesthetic Treatments and Techniques: Advances in Contouring and Augmentation, Department of Dermatology, The Mount Sinai Medical Center, New York, NY, October 2007.

Lecturer, "How to Use Radiesse," Department of Dermatology, Mount Sinai School of Medicine, New York, NY, November 2007.

Advisor, Shire's Advisory Board Meeting on New Approaches to Scar Reduction, New York, NY, December 2007.

Speaker, Presenter, Workshop Leader 10th Annual Winter Symposium, *Advances in Medical and Surgical Dermatology*, Mount Sinai School of Medicine, New York, NY, December 2007.

Lecturer, "Building a Practice," Obagi, New York, NY, December 2007.

Speaker, 66th Annual Meeting of the American Academy of Dermatology, "Lasers for the Beginner," San Antonio, TX, February 2008.

Speaker, 66th Annual Meeting of the American Academy of Dermatology, "Therapeutic Decision-Making in Cutaneous Oncology," San Antonio, TX, February 2008.

Speaker, 66th Annual Meeting of the American Academy of Dermatology, "Fundamentals of Cutaneous Surgery," San Antonio, TX, February 2008.

Lecturer, New York College of Podiatric Medicine, "Malignant Cutaneous Tumors," New York, NY, March 2008.

Speaker, Women's Health Symposium, Mount Sinai Hospital, "Dermatology," New York, NY, May 11, 2009.

Speaker, Challenges in Internal Medicine, Mount Sinai School of Medicine, "How to Spot Skin Cancer," Mount Sinai Hospital, New York, NY June 25, 2009.

Speaker, Mount Sinai Department of Dermatology Fall Program, New York, NY, September 21, 2009.

Speaker, Mount Sinai Department of Dermatology, "Chemical Peels," New York, NY, September 25, 2009.

Speaker, ASDS & ASCDAS Joint Annual Meeting, "A Practical Approach to Cosmeceuticals," Phoenix, AZ, October 2, 2009.

Speaker, The Dermatologic Society of New Jersey, "PDT-On and Off Label Uses 2009," West Orange, NJ, October 13, 2009.

Speaker, Fall Clinical Dermatology Conference, "Photodynamic Therapy Update," Las Vegas, NV, October 15-18, 2009.

Speaker, The Art & Science of Fillers and Injectables, "Facial Anatomy and Mapping" and "Nerve Blocks and Anesthesia" American Society of Dermatologic Surgery, New York, NY, October 24-25, 2009.

Speaker, New York Facial Plastic Surgery Society, "Photodynamic Therapy 2010 Update: Skin Cancer and Beyond," New York, NY, January 7, 2010.

Speaker, The Tanning Bed Cancer Control Act Press Conference, New York, NY, January 25, 2010.

Speaker, Icahn School of Medicine at Mount Sinai, Department of Dermatology, Grand Rounds "PDT," New York, NY, January 28, 2010.

Speaker, Update on Women's Health, "Skin Cancer Screening and Skin Care Recommendations," Chapin Parents Association, New York, NY, February 3, 2010.

Speaker, ASDS Mastery of Lasers Course, "Laser safety Principles," New York, NY, March 27-28, 2010

Speaker, New York Medical College / Metropolitan Hospital Center, "Laser Basics," New York, NY, May 4, 2010.

Speaker, The Connecticut Dermatology and Dermatologic Surgery Society, "Photodynamic Therapy in 2010: Skin Cancer and Beyond," Monroe, CT, May 12, 2010.

Speaker, Mount Sinai Department of Dermatology, "New Technologies for Aging Skin," New York, NY, September 13, 2010.

Speaker, ASDS/ASCDAS meeting on medical therapy of skin cancer, "The Cutting Edge of Not Cutting," Miami, FL, October 22, 2010.

Speaker, Las Vegas Dermatology Seminar, "Facial Augmentation." Las Vegas, NV, November 4-6, 2010.

Speaker, Manhattan Metropolitan Dermatological Society, "Skin Cancer Research and Surgical Cases from Sinai 2010." New York, NY, November 9, 2010.

Speaker, Co-Chair, Presenter, Workshop Leader 13th Annual Winter Symposium, *Advances in Medical and Surgical Dermatology*, Mount Sinai School of Medicine, New York, NY, December 2010.

Speaker, Orlando Dermatology Aesthetic & Clinical Conference, Orlando, FL, January 14-17, 2011.

Speaker, Las Vegas Dermatology Seminar, "Laser Surgery in Dark Skin Patients." Kuwait, February 10-12, 2011.

Speaker, 92Y Tribeca, "Man to Man: An Afternoon Seminar." New York, NY, March 13, 2011.

Speaker, Cosmetic Surgery Seminar, "Cosmetic Surgery and the Ideals of Beauty." Monaco, March 24-26, 2011.

Speaker, Women's Health 2011: The 19th Annual Congress, "What's New, What's True?" Arlington, VA, April 3, 2011.

Speaker, ASDS Annual Meeting, "Should Topical Chemoprophylaxis of Skin Cancers and Pre-Cancers be Provided to all Patients with a History of Actinic Keratoses or Skin Cancer?" Washington, DC, November 4, 2011.

Speaker, ASDS Annual Meeting, "Catastrophic Cutaneous Carcinomatosis in the Non-Organ Transplant Population." Washington, DC, November 4, 2011.

Speaker, Aesthetic Extender Symposium, "Scars and Stretch Marks." Boca Raton, FL, November 3, 2012.

Speaker, International Master Course on Aging Skin, "Using Hyaluronidase: Pearls and Pitfalls." Paris, France, January 31, 2013.

Speaker, 37th Hawaii Dermatology Seminar, "Clinical Challenges with Lentigo Maligna Melanoma." and "BCC and SCC: Therapeutic Options-What's Here and What's Ahead." Maui, HI, February 15, 2013.

Speaker, Shaare Zedek Women's Health Day at Safra Synagogue, "Stop Skin Cancer-Halt Aging Skin and Stay Healthy in 2013." New York, NY, April 18, 2013.

Speaker, Skin Disorders. OBGYN resident lectures at the Icahn School of Medicine at Mount Sinai, New York, NY, May 29, 2013.

Speaker, AAD Summer Meeting, "Live Demonstration: Botulinum Toxin and Fillers." New York, NY, August 1, 2013.

Speaker, ASDS Annual Meeting, "Afternoon at the Movies." Chicago, IL, October 5, 2013.

Speaker, Mount Sinai Department of Dermatology Winter Symposium, "The Challenges of Lentigo Maligna Melanoma." New York, NY, December 7, 2013.

Speaker, AAD Winter Meeting, "Avoiding and Managing Filler Complications," and "Temples: Pearls, Pitfalls, Product Preferences." Denver, CO, March 21-24, 2014.

Speaker, City National Bank presents Luncheon with Dr. Ellen Marmur. New York, NY, April 23, 2014.

Speaker, Gilda's Club NYC Breakfast Lecture, "Skin Care and the Prevention of Skin Cancer." New York, NY, April 24, 2014.

Speaker, AAD Summer Meeting, "Live Demonstration: Neurotoxins and Soft Tissue Augmentation." Chicago, IL, August 8, 2014.

Moderator, ASDS Annual Meeting, "Upper-Face Rejuvenation: Injectable Techniques and Anatomy," and "Controversies in Cosmetic Dermatologic Surgery." San Diego, CA, November 7, 2014.

Speaker, Facial Anatomy and Danger Zones. Stanford University, Stanford, CA, Mar. 19, 2015.

Speaker, AAD Winter Meeting, "Avoiding and Managing Filler Complications," and "The State of the Art of Aesthetic Dermatology: Non Facial Aesthetic Treatments." San Francisco, CA, March 20-21, 2015.

Speaker, ASDS Annual Meeting, "Communicating with the Public in Print and Social Media," and "Iron Surgeon Competition." Chicago, IL, October 17, 2015.

Speaker, Aesthetic Extender Symposium, "How to Build Collagen with Lasers." Aventura, FL, November 7, 2015.

Speaker, AAD Winter Meeting, "The State of the Art of Aesthetic Dermatology: Midface Volume Replacement and Volumizing Cheeks," "Avoiding and Managing Filler Complications of the Temples and Forehead," Live Demonstration: Soft Tissue Augmentation and Neuromodulators-Simultaneous Cadaver Prosection and Live Patient Injections," "Hands-on: Dermal Fillers." Washington, DC, March 4-7, 2016.

Speaker, "The Wonderful World of Cosmeceuticals," and "Non-invasive Body Sculpting and Microneedling." ASDS Premier Annual Resident Cosmetic Symposium. Dallas, TX. April 15-17, 2016.

Speaker, Procedural Advances in Non-Invasive Dermatologic and Cosmetic Surgery. SUNY Downstate Grand Rounds and Resident Lecture. Brooklyn, NY, May 4, 2016.

Speaker, Aesthetic Extender Symposium, "Treating Scars." Miami, FL, November 5-8, 2016.

Speaker, ASDS Annual Meeting, "Menaissance," and "Media Reputation Management." New Orleans, LA, November 11-12, 2016.

Moderator, ASDS Annual Meeting, "Current Controversies in Derm Surgery." New Orleans, LA, November 11, 2016.

Research:

Grants:

American Society for Dermatologic Surgery, Cutting Edge Research Grant Award: Catastrophic Cutaneous Carcinomatosis in the Non-Organ Transplant Population, 2010 - 2011.

Tisch Cancer Institute (TCI) Developmental Funds Award: Molecular Signatures of Non-Melanoma Skin Cancers, 2012.

Principal Investigator:

High Frequency Ultrasound Prior to Mohs Surgery – Longport, 2005-2007.

Dense Inflammation in Mohs Micrographic Surgery – Mount Sinai School of Medicine, 2006-2007.

Bleeding Complications in Cutaneous Surgery - Mount Sinai School of Medicine, 2006-2007.

Perioperative Management of Anticoagulant Therapy - Mount Sinai School of Medicine, 2006-2007.

Open-label Study of Adalimumab in Subjects who have a Sub-optimal Response to Systemic Therapy or Phototherapy – Abbott, 2007-2008.

A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study Comparing the Safety and Efficacy of Two Dosing Regimens of ABT-874 to Placebo in Subjects with Moderate to Severe Chronic Plaque Psoriasis – Abbott, 2007-2008.

A randomized, double-blind, placebo-controlled dose-ranging study to assess the safety, tolerability, pharmacokinetics and pharmacodynamics of RO5092888 in patients with moderate to severe chronic plaque psoriasis – Roche, 2007-2008.

An Open-Label Phase 4 Study in Adult Patients with Chronic Plaque Psoriasis to Evaluate the Immune Response to Pneumococcal Vaccine in Subjects Treated with Alefacept – Astellas Pharma US, Inc., 2007-2008.

Protocol for the Post-Marketing Study of Radiesse for the Treatment of Nasolabial Folds in Persons of Color – Bioform Medical, Inc., 2007-2008.

Efficacy and Safety of a Calcium Hydroxyapatite Filler on the Dorsa of the Hands – Bioform, Medical, Inc., 2007-2008.

A Phase 3, Multicenter, Open Label Continuation Study in Moderate to Severe Chronic Plaque Psoriasis Subjects who Completed a Preceding Psoriasis Study with ABT-874 – Abbott Laboratories, 2007-2009.

Evaluation of Pain with the Use of Lidocaine-Mixed Radiesse for the Treatment of Nasolabial Folds – Bioform Medical, Inc., 2008.

A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study Comparing the Efficacy and Safety of ABT-874 to Etanercept and Placebo in Subjects with Moderate to Severe Chronic Plaque Psoriasis - Abbott Laboratories, 2008- 2009.

An Ascending Multiple Dose Study of the Safety, Tolerability, Pharmacokinetics and Pharmacodynamics and Clinical Efficacy of ILV-094 Administered Subcutaneously or Intravenously to Subject with Psoriasis – Wyeth, 2008-2010.

A pilot study to evaluate axillary hypohidrosis as a result from laser hair removal with the 800nm Diode Laser – Lumenis, 2009.

Efficacy and Safety of alitretinoin in the Treatment of Severe Chronic Hand Eczema Refractory to Topical Therapy – Basilea, 2009-2010.

A Randomized, Evaluator-Blinded, Parallel Group Comparison of Photodynamic Therapy with Levulan® Topical Solution + Blue Light Versus Levulan® Topical Solution Vehicle + Blue Light for the Treatment of Actinic Keratoses and Reduction of New Non-Melanoma Skin Cancer on the Scalp or Both Forearms in Organ Transplant Recipients – Dusa Pharmaceuticals, 2009.

A Multi-Center, Randomized, Parallel Group, Double-Blind, Vehicle-Controlled Study to Evaluate the Efficacy and Safety of PEP005 (ingenol mebutate) Gel, 0.015% in Patients with Actinic Keratoses on the Head (Face or Scalp) (REGION-IIb) – Peplin, 2009.

A Pivotal Phase II, Multicenter, Single-Arm, Two-Cohort Trial Evaluating the Efficacy and Safety of GDC-0449 in Patients with Advanced Basal Cell Carcinoma – Genentech, 2009.

Combination Therapy for the Treatment of Erythematotelangiectatic Rosacea – American Society for Laser Treatment, 2009-2010.

A randomized, double-blind, placebo controlled, multicenter regimen finding study of subcutaneously administered AIN457, assessing Psoriasis Area and Severity Index (PASI) response in patients with moderate to severe chronic plaque-type psoriasis - CAIN457A2211 – Novartis, 2009-2011.

Efficacy and Safety of Alitretinoin in the Treatment of Severe Chronic Hand Eczema Refractory to Topical Therapy – Basilea Phamaceutica. Protocol # BAP01346. 2009-2012.

A Dose-Ranging and Efficacy Study of LY2439821 (an Anti-IL-12 Antibody) in Patients with Moderate-to-Severe Psoriasis – Eli Lilly, 2010-2011.

A Multicenter, Randomized, Double-Blind Study of the Safety and Efficacy of Calcipotriene Foam, 0.005%, versus Vehicle Foam in the Treatment of Moderate Plaque-type Scalp and Body Psoriasis – Stiefel Laboratories, 2010-2011.

Catastrophic Cutaneous Carcinomatosis in the Non-Organ Transplant Patient – Dermatology Foundation, 2010-2012.

A Randomized, Single-Blind Study to Evaluate the Clinical and Histologic Effects of Six Anti-Oxidant Cosmeceuticals – Proctor & Gamble, 2011-2012.

A Randomized, Double-blind, Placebo Controlled, Multicenter Study of Subcutaneous Secukinumab to Demonstrate Efficacy After Twelve Weeks of Treatment, and to Assess the Safety, Tolerability and Long-term Efficacy up to One Year in Subjects with Moderate to

Severe Chronic Plaque-type Psoriasis. Efficacy of Response And Safety of 2 Fixed Secukinumab Regimens in Psoriasis (ERASURE). Protocol # CAIN457A2302. 2011-2012.

A Study to Evaluate the Anti-Aging Effects of A Regimen of Resveratrol (Vinexpert®) – Caudalie, 2012.

Actinic Keratosis Biomarker Network – MSSM, 2012.

A prospective, randomized, controlled, multi-center, study of the safety and effectiveness of Juvederm Ultra XC Injectable Gel versus Belotero Balance for perioral lines – Allergan, 2013-2014.

A safety and efficacy study to compare dapsone dermal gel with vehicle control in patients with acne vulgaris – Allergan, 2014. Protocol # 225678-006.

Condition of submental fullness and treatment outcomes registry (A registry of submental fullness, treatment options administered, and associated outcomes) – Allergan, 2015-2016. Protocol # ATX-101-15-40M.

Efficacy of injected hyaluronidase in reducing reversible hyaluronic acid filler. Valeant, 2016. Protocol # 14-00291.

A pilot study examining the efficiency of premixed calcium hydroxylapatite filler with lidocaine to correct temporal fossae volume loss. Merz, 2015-2016. Protocol # MRZ2015-01.

A pilot study examining the efficiency of premixed calcium hydroxylapatite filler with lidocaine to correct jawline and chin volume loss. Merz, 2016-2017. Protocol # MRZ2015-02.

A prospective, multi-center, randomized, evaluator-blinded, split-hand study to evaluate the effectiveness and safety of Restylane[®] Lyft with Lidocaine compared to no treatment for injection in the dorsal hand to correct volume deficit. Galderma, 2016. Protocol # 43USH1501.

Sub-Investigator (Incomplete):

Nd-YAG Laser Irradiation on Benign Melanocytic Nevi - Mount Sinai School of Medicine, 2005-2006.

A Phase 2 Study of Topical PH-10 Aqueous Hydrogel and Photodynamic Therapy for the Treatment of Plaque Psoriasis – Provectus, 2007-2008.

A Randomised, Double-Blind, Placebo-Controlled, Single- and Multiple Dose, Dose-Escalation Trial of Anti-IL-20 (109-0012) 100 mg/vial in Psoriatic Subjects, Followed by an Expansion Phase – NovoNordisk, 2009.

A Pilot Study to Evaluate the Safety and Efficacy of CC-10004 in the Treatment of Pyoderma Gangrenosum – Celgene, 2009.

A Multicenter, Open Registry of Patients with Psoriasis Who Are Candidates for Systemic Therapy Including Biologics – Centocor, 2009