

# Anne Marie Tremaine, MD

8625 Collier Blvd. Naples FL 34114

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## Education/Training

07/2013 – 6/2014 **Massachusetts General Hospital/ Harvard Medical School:** Boston, MA  
Department of Dermatology  
ASDS Cosmetic Dermatologic Surgery Fellowship  
Clinical Laser and Cosmetics Fellow

07/2010 – 06/2013 **University of California, Irvine:** Irvine, CA  
Dermatology Resident

06/2006 – 06/2007 **Mary Imogene Basset Hospital:** Cooperstown, NY  
Internship

08/2002 – 05/2006 **State University of New York, Upstate Medical University:** Syracuse, NY  
Doctorate of Medicine, May 2006

08/1998 – 06/2002 **The George Washington University:** Washington, DC  
Magna cum laude with a Bachelor of Science in Biology  
Minors in Religion and Exercise Science

## Work Experience

1/2016 – present **Skin Wellness Physicians:** Naples, FL  
Staff Dermatologist

7/2017 - present **Naples Community Hospital, Internal Medicine Residency:** Naples, FL  
Clinical Faculty

6/2014 - 1/2016 **Laser Skin Care Center:** Long Beach, CA  
Staff Dermatologist

11/2013 – 6/2014 **Tufts Medical Center, Department of Dermatology:** Boston, MA  
Assistant Professor

09/2011 – 06/2013 **Aesthetic Dermatology and Laser Center:** Anaheim, CA  
Medical Dermatology Per Diem Physician

06/2009 – 12/2011 **Woodbury Medical Group:** Irvine, CA  
Urgent Care Per Diem Physician

11/2008 – 11/2009 **Irvine Urgent Care:** Irvine, CA  
Urgent Care Per Diem Physician

## Certifications

09/2013 Board Certification; American Board of Dermatology  
07/2008 – present California Medical License: A105265  
01/2016 - present Florida Medical License: ME125633

## Research

07/2013 – 6/2014 **Wellman Center for Photomedicine:** Boston, MA  
Clinical Laser Fellow

07/2008 – 06/2010 **University of California, Irvine:** Irvine, CA  
Clinical Research Specialist

07/2007 – 06/2008 **Center for Clinical Studies:** Houston, TX  
Research fellow

**Previously a sub-Investigator for the following clinical trials:**

*NIH Trials:*

- Phase III Trial to Evaluate Prophylactic Efficacy and Safety of gD-Alum/MPL Vaccine in the Prevention of Genital Herpes in Women Who are HSV-1 and -2 Seronegative

*Pharmaceutical Trials:*

I. Vaccine Trials:

- GlaxoSmithKline HPV-008: Phase III Long-term Follow-up Trial of the Efficacy of HPV 16/18 VLP AS04 Vaccine Compared to Hepatitis A Vaccine in Prevention of HPV Infection/neoplasia
- Merck 023-10: Phase II Proof of Concept Trial to Evaluate the Safety and Efficacy of a 3-Dose Regimen of Adenovirus Serotype 5 HIV-1 gag/pol/nef Vaccine in Adults at High Risk of HIV-1 Infection
- Merck V211-022: Phase III Clinical Trial to Evaluate the Efficacy, Immunogenicity, Safety and Tolerability of ZOSTAVAX™ in Subjects 50 to 59 Years of Age
- Merck V211-020: Phase IV Clinical Trial to Evaluate the Safety and Tolerability of ZOSTAVAX™ in Subjects ≥ 60 Years of Age

II. Novel Therapy/ Generic Trials:

- Abbott M06-890: Phase III Trial Comparing the Safety and Efficacy of Two Dosing Regimens of ABT-874 (Briakinumab) to Placebo in Subjects with Moderate to Severe Chronic Plaque Psoriasis
- Abbott M10-016: Phase III, Multicenter, Open-label Continuation Study in Moderate to Severe Chronic Plaque Psoriasis Subjects who Completed a Preceding Psoriasis Study with ABT-874
- Genzyme HECTPS02507: Phase II, Multicenter, Double-Blind, Placebo-Controlled, Dose-Ranging Study to Assess the Efficacy and Safety of Doxercalciferol Capsules in the Treatment of Subjects with Moderate to Severe Chronic Plaque Psoriasis
- Pfizer: Phase IIA, Randomized, Double-Blind, Vehicle-Controlled, Intra-Individual comparison Trial Assessing Safety, Tolerability, Pharmacokinetics and Pilot Efficacy of 4 Weeks Treatment with Topical CP-690550 (Tofacitinib citrate) in Chronic Plaque Psoriasis
- Astellas 15L-CL-101: Phase IIB Dose Ranging Trial to Evaluate the Safety and Efficacy of ASP2151 (Amenamivir, Helicase-Primase Inhibitor) in Subjects with Recurrent Genital Herpes
- Roche NS20454: Phase IIB Dose Ranging Trial to Evaluate the Safety, Tolerability, and Efficacy of R05092888 (PNP inhibitor) in Subjects with Chronic Plaque Psoriasis
- Epiphany EPB348-0201: Phase IIB Dose-Ranging Trial Assessing the Safety and Efficacy of EPB-348 (Valomaciclovir) versus Valacyclovir Among Immunocompetent Patients with an Acute Episode of Herpes Zoster
- Gilead Sciences US-197-0101: Phase I Trial to Assess the Safety, Tolerability, and Activity of Cidofovir Ointment in Subjects with External Genital or Perianal Warts Caused by HPV infection
- BioAlliance: Phase III Study to Compare Efficacy and Safety of Acyclovir Lauriad® Buccal Tablet vs. Matching Placebo in Subjects with Herpes Labialis
- Graceway GW01-0703: Phase III Trial Comparing the Safety and Efficacy of Six Weeks of Treatment with 2.5% or 3.75% Imiquimod Creams vs. Placebo in Subjects with Actinic Keratoses
- Pierre Fabre V00400 SB 201: Phase II/III, Randomized, Double-Blind, Controlled, Multidose, Multicentre Study in Infants with Proliferating Infantile Hemangiomas Requiring Systemic Therapy to Compare Four Regimens of Propranolol (1 or 3 mg/kg/day for 3 or 6 months) to Placebo

III. Extended Observation Trials:

- Amgen OBSERVE 20040210: Observational Post-marketing Safety Surveillance Registry of Enbrel® for the Treatment of Psoriasis

- Abbott M03-658: Phase II/III Open-Label Continuation Study in Moderate to Severe Chronic Plaque Psoriasis Subjects who Completed a Preceding Psoriasis Clinical Study with Adalimumab

#### IV. Comparison Trials:

- Abbott M10-315: Phase III, 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
- Novartis CFAM2308: Phase III Comparison Study of Patient-initiated Famciclovir 1000mg BID X 1 day vs. Valacyclovir 500mg BID X 3 days in Subjects with Recurrent Genital Herpes
- Medivir 609-04: Phase III Comparison Study of Combined Acyclovir and Hydrocortisone Cream vs. Acyclovir Cream Alone in Subjects with Recurrent Herpes Simplex Labialis
- Novum 70716202: Phase III Comparison Study of the Bioequivalence of Adapalene gel 0.1% vs. Differin® gel in Subjects with Acne Vulgaris
- Novum GLK602: Phase III Comparison study of the Bioequivalence of Calcipotriene 0.005% ointment vs. Dovonex® Ointment in Subjects with Stable Plaque Psoriasis
- TEVA Pharmaceuticals SYM 2007-01: Phase III Multi-Center, Double-Blind, Randomized, Vehicle-Controlled, Parallel-Group Study Comparing Imiquimod Cream, 5% to Aldara® (Imiquimod) Cream, 5% and Both Active Treatments to a Vehicle Control in the Treatment of Actinic Keratosis of the Face or Scalp
- Amgen 20070559: Phase III, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Adding Methotrexate to Etanercept in Subjects with Moderate to Severe Plaque Psoriasis

#### V. Investigator Initiated Trials

- Investigator Initiated Trial to Evaluate the Efficacy of Combination Valacyclovir and Gabapentin in Reduction of PHN after Varicella Zoster Infection (Stephen Tyring, MD, PhD)
- Investigator Initiated basic science study entitled: Imaging Lymphocyte Infiltration into Psoriatic Skin and the Effect of Potassium Channel Blockers (Sergei Grando M.D., Ph.D., D.Sci.)

#### *Laser and Light Trials:*

- Alma Lasers: Comparison of Low Fluence, Multiple Pass 810 nm Diode Laser Hair Removal vs. Standard Single Pulse Technique
- Candela Corporation: Phase I/II, Evaluation of the Candela 1064nm:Nd:YAG Laser for Skin Tightening
- US Army and Science & Engineering Associates (SEA): Determining Optical Properties of Cutaneous Neoplastic Diseases and Photosensitizing Agents via Structured Illumination and Real-Time Dosimetry
- DUSA Pharmaceuticals: Phase II Randomized, Evaluator Blinded, Parallel Group Comparison of Photodynamic Therapy with Levulan Topical Solution + Blue Light Versus Topical 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
- Graceway Pharmaceuticals, LLC: Phase I, Combining Topical Imiquimod 5% Cream with a Pulsed Dye Laser to Treat Port Wine Stain Birthmarks
- Fractionated Carbon Dioxide Laser and Burn Scar Contractures: Evaluation of Post-Treatment Scar Function and Appearance
- Feasibility Study: Evaluation of the Ulthera System for Improvement of Surgical Scars

#### *Cosmetic Surgery/ Cosmeceutical Trials:*

- Suneva Medical, Inc.: Phase IV Post-approval Study of Artefill for Correction of Nasolabial Folds
- Senetek PLC: Phase I/II, Effects of PRK 124 (0.125%) Lotion in Acne Rosacea

- 05/2003 – 08/2003 With Dr. Art Papier in the Department of Dermatology at the **University of Rochester**. Worked on creating a synopsis of diseases of the male genitalia for the VisualDx software program
- 09/2001 – 12/2001 With Dr. Edward De Fabo in the Department of Immunology at **The George Washington University**. Worked on the identification of wavelengths of UV light involved in melanoma induction in a mouse model
- 05/2000 – 08/2003 Participant in **University of Rochester** Summer Research Fellowship (SURF) program working under Dr. Scott McIntosh in the Department of Community and Preventive Medicine. Worked on adolescent smoking cessation research

## **Publications**

Tremaine AM, Avram MM. FDA MAUDE data on complications with lasers, light sources, and energy-based devices. *Lasers Surg Med*. 2015 Feb 4.

Koo B, Ball K, Tremaine AM, Zachary CB. A comparison of two 810 diode lasers for hair removal: Low fluence, multiple pass versus a high fluence, single pass technique. *Lasers Surg Med*. 2014 Apr; 46: 270–274.

Tremaine AM, Paik AS, Metz B. Soft subcutaneous plantar masses. Precalcaneal congenital fibrolipomatous hamartoma (PCFH). *Arch Dermatol*. 2012 Sep 1;148(9): 1073-8.

Tremaine AM, Armstrong J, Huang YC, Elkeeb L, Ortiz A, Harris R, Choi B, Kelly KM. Enhanced port-wine stain lightening achieved with combined treatment of selective photothermolysis and imiquimod. *J Am Acad Dermatol*. 2012 Apr; 66(4):634-41. Epub 2012 Jan 14.

Tremaine AM, Ortiz A, Elkeeb L, Tran M, Weinstein G. Long-term efficacy and safety of topical PRK 124 (0.125%) lotion (Pyratine – XR) in the treatment of mild-to-moderate rosacea. *J Drugs Dermatol*. 2010 June;9(6):647-50.

Tremaine AM, McCullough JL. Botulinum toxin type A for the management of glabellar rhytids. *Clin Cosmet Investig Dermatol*. 2010 Apr;3:15-23.

Ortiz AE, Tremaine AM, Zachary CB. Long-term efficacy of a fractional resurfacing device. *Laser Surg Med*. 2010 Feb;42(2): 168-70.

Satyaprakash A, Tremaine AM, Stelter AA, Creed R, Ravanfar P, Mendoza N, Mehta SK, Rady PL, Pierson DL, Tying SK. Viremia in acute herpes zoster. *J Infect Dis*. 2009; July (1):26-32.

Weinstein G, Ortiz A, Tremaine AM. Therapy of Moderate-to-Severe Psoriasis with Methotrexate. *Therapy of Moderate-to-Severe Psoriasis*, 3<sup>rd</sup> edition. Editors: Koo J, Lee CS, Lebwohl M, Weinstein G, Gottlieb A.. Informa. Chapter 6: 137- 157

Tremaine AM, Whittemore DE, Gewirtzman A, Bartlett B, Mendoza N, Rapini R, Tying SK. An unusual case of swimmer's itch. *J Am Acad Dermatol*. 2009; 60(1):174-6.

Tremaine AM, Bartlett B, Gewirtzman A, Tying SK. Herpes Zoster. *Treatment of Skin Disease*, 3rd edition. Editors: Lebwohl M, Heymann W, Berth- Jones J, Coulson I. Elsevier. Chapter 96: 306 -307.

Tremaine AM. Erythema Multiforme, Stevens-Johnson Syndrome, and Toxic Epidermal Necrolysis. In: Rakel R, Bope T. *Conn's Current Therapy*. 61<sup>st</sup> ed. Philadelphia: Elsevier. 862-866.

Burdett C, Mendoza N, Arora A, Bartlett BL, Gewirtzman AJ, Tremaine AM, Tying SK. A rare case of disseminated shingles in an immunocompetent patient following a 7-day treatment with oral valacyclovir. *J Clin Virol*. 2008 Oct;43(2):233-5.

Bartlett BL, Khambaty M, Gewirtzman AJ, Tremaine AM, Mendoza N, Tying SK. Dermatological management of HIV. *Skin Therapy Letter*. 2007. October12(8): 2-3.

Modi S, Van L, Gewirtzman A, Mendoza N, Bartlett B, Tremaine AM, Tying SK. Single-day treatment for orolabial and genital herpes: a brief review of pathogenesis and pharmacology. *Therapeutics and Clinical Risk Management*. 2008;4(2): 409-417.

Mendoza N, Diamantis M, Arora A, Bartlett B, Gewirtzman A, Tremaine AM, Tying SK. Mucocutaneous manifestations of epstein-barr virus infection. *Am J Clin Dermatol* 2008; 9(5): 295-305.

Galindo M, Bartlett BL, Gewirtzman AJ, Mendoza N, Tremaine AM, Tying SK. Etanercept: an overview of its role in the treatment of psoriasis. *Expert Opin Drug Metab Toxicol*. 2008; Mar 4(3):305-10.

Arora A, Mendoza N, Tremaine AM, Tying SK. (2008). Vaccines. *Clinical and Basic Immunodermatology*. 1<sup>st</sup> ed. Editors: Gaspari S, Tying SK. London: Springer. Pgs. 579-604.

Mendoza N, Goel S, Bartlett B, Gewirtzman A, Tremaine AM, Tying SK. Viral diseases. *Dermatology, A Pictorial Review*, 2<sup>nd</sup> ed. Editors: Ali A.. New York: McGraw Hill. Chapter 17: 285 – 319.

Varela A, Tremaine AM, Gewirtzman A, Satyaprakash A, Mendoza N, Ravanfar P, Tying S. Common Viral Infections. *Skin Infections: Diagnosis and Treatment*, 1<sup>st</sup> edition. Editors: Hall J. Cambridge University Press. Chapter 2: 23-40.

Bartlett B, Tremaine AM, Gewirtzman A, Tying SK. Herpes Genitalis. *Treatment of Skin Disease*, 3rd edition. Editors: Lebwohl M, Heymann W, Berth- Jones J, Coulson I. Elsevier. Chapter 94: 299 – 302.

Gewirtzman A, Christianson B, Tremaine AM, Bartlett B, Tying SK. Life-threatening cutaneous viral diseases. *Emergency Dermatology and Dermatologic Emergencies*. Editor: Wolf R.

Bartlett B, Tremaine AM, Mendoza N, Gewirtzman A, Tying SK. Famciclovir and Penciclovir. *Kucers' Use of Antibiotics*, 6<sup>th</sup> edition. Editor: Grayson M.. Hodder Arnold, Health Sciences. Chapter 211: 2370 – 2377.

## **Presentations/ Posters/ Speaking Engagements**

Invited faculty, American Academy of Dermatology Annual Conference.  
Hands-on: Lasers – Workshop. March 2017

Invited faculty, American Society for Laser Medicine and Surgery Annual Conference.  
Complications, Legal Issues and Laser Safety – Workshop. April 2016

Tremaine A. FDA MAUDE Data on Complications with Lasers, Light Sources, and Energy-based Devices. Presented at the American Society for Laser Medicine and Surgery. April 2015 Conference, in Kissimmee, FL.

Tremaine A, Avram M. MAUDE Data on Complications with Lasers, Light, and Energy-based Devices. Presented at the American Society for Laser Medicine and Surgery. April 2014 Conference, in Phoenix, AZ.

Tremaine A, Avram M, Anderson R. Treating Cutaneous Venous Malformations: A Case Series. Presented at the American Society for Laser Medicine and Surgery. April 2014 Conference, in Phoenix, AZ.

Tremaine A. A Case of Progressive Subcutaneous Nodules. Presented at the CalDerm Annual Conference. Sept. 2011 in San Diego, CA.

Tremaine A, Ortiz A, Zachary C, and the 5 Year Study Group. Long-term (5 Year) Polymethylmethacrylate Microsphere Soft Tissue Filler Safety & Patient Satisfaction Study: 18 - Month Interim Analysis. Poster presented at 2010 Hawaii Derm Seminar. Feb 2010 in Big Island, HI.

Tremaine A, Ortiz A, Armstrong J, Huang Y, Elkeeb L, Choi B, Kelly K. Combined Therapy for Enhanced Microvascular Destruction in Port Wine Stains: Pulsed Dye Laser Photothermolysis and Imiquimod. Data presented at the American Society for Laser Medicine and Surgery. April 2009 Annual Conference in Washington DC.

Tremaine AM, Tying SK. Cell-Mediated Immune (CMI) Responses and Zoster-associated Pain. Data presented at the American Academy of Dermatology 66th (2008) Annual Meeting- Resident and Fellows Symposium in San Antonio, TX.

Tremaine, AM. Swimmer's Itch case presentation. Presented at the Houston Dermatological Society in August 2007.

Whittemore D, Tremaine A, Rapini R, Tying S. Schistosomal Cercarial Dermatitis (Swimmer's Itch): Poster 73. Journal of Cutaneous Pathology. 35(1): 118, January 2008.

### **Professional Society Memberships/Activities**

Fellow of American Academy of Dermatology

Member, American Society for Laser Medicine and Surgery

- Manuscript reviewer 2015- current
- Served on the Awards committee, Women in Energy-Based Devices Committee

Member, American Society for Dermatologic Surgery

- Served on the International Preceptorship Work Group, Educational Exchange Work Group, Public Service Work Group

Member, Women's Dermatologic Society

Member, Collier County Medical Society

### **Honors and Awards**

2013 American Society for Dermatologic Surgery (ASDS) Mentorship award

2012 American Society for Dermatologic Surgery (ASDS) Resident Travel Grant

2009 Cosmetic Surgery Forum Resident Travel Grant

2002 Phi Beta Kappa, George Washington University  
2000 Golden Key National Honor Society Lifetime Member

**Leadership**

07/2012 - Present **Chief Resident**, of Surgical Curriculum and Cosmetic Teaching Clinics  
07/2006 – 06/2007 **Resident Liaison**, Institutional Coordination Committee of Transitional Year  
01/2004 – 06/2006 **Co-Founder and Co-President**, Upstate Dermatology Interest Club  
01/2003 – 06/2004 **Upstate Chapter President**, American Medical Women’s Association

**Community Service**

06/2011 – 06/2012 **Counselor**, at Camp Wonder in Livermore, CA  
06/2009 – 06/2010 **Volunteer**, at the annual Hack n’ Smack golf tournaments supporting melanoma research  
09/2009 **Speaker**, New York Academy of Medicine Skin Health Education Program Educated orange county school nurses on skin education and safety  
04/2007 **Volunteer**, at MD Anderson Cancer Center skin cancer screening  
06/2007 – 06/2008 **Medical consultant**, for Houston HELP, a herpes support group