

CURRICULUM VITAE

(updated March 2021)

Name: Andrew Blauvelt, M.D., M.B.A.

Date and Place of Birth: February 12, 1962, Ypsilanti, MI

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Education/Training:

- 1980-1984 B.S., Electrical Engineering, Purdue University, West Lafayette, IN
- 1984-1988 M.D., Michigan State University, East Lansing, MI
- 1988-1989 Intern, Department of Internal Medicine, Henry Ford Hospital, Detroit, MI
- 1989-1992 Dermatology Resident, Department of Dermatology and Cutaneous Surgery, University of Miami, Miami, FL
- 1992-1995 Postdoctoral Fellow, Dermatology Branch (in the laboratory of Stephen I. Katz, M.D., Ph.D.), National Cancer Institute, Bethesda, MD
- 1995-1996 Postdoctoral Fellow, Molecular Virology Section (in the laboratory of Kuan-Teh Jeang, M.D., Ph.D.), Laboratory of Molecular Microbiology, National Institute for Allergy and Infectious Diseases, Bethesda, MD
- 2010-2013 M.B.A. in Healthcare Management, Oregon Health & Science University/Portland State University, Portland, OR

Employment:

- 1996-2003 Investigator (Tenure-Track) and Head, Viral Pathogenesis Section, Dermatology Branch, National Cancer Institute, Bethesda, MD
- 2003-2004 Senior Investigator (Tenured) and Head, Viral Pathogenesis Section, Dermatology Branch, National Cancer Institute, Bethesda, MD
- 1999-2001 Adjunct Assistant Professor, Department of Dermatology, Uniformed Services University of the Health Sciences, Bethesda, MD
- 2001-2004 Adjunct Associate Professor, Department of Dermatology, Uniformed Services University of the Health Sciences, Bethesda, MD
- 2004-2011 Adjunct Professor, Department of Dermatology, Uniformed Services University, Bethesda, MD
- 2004-2011 Professor, Department of Dermatology, Oregon Health & Science University, Portland, OR
- 2004-2011 Professor, Department of Molecular Microbiology and Immunology, Oregon Health & Science University, Portland, OR

2004-2011 Chief, Dermatology Service, Veterans Affairs Medical Center, Portland, OR

2011-present Affiliate Professor, Department of Dermatology, Oregon Health & Science University, Portland, OR

2011-present Investigator, Oregon Medical Research Center, Portland, OR

2011-2014 Private practice, Klein Dermatology & Associates, Portland, OR

2013-present President and Owner, Oregon Medical Research Center, Portland, OR
(<http://www.oregonmedicalresearch.com/>)

2014-2015 Private practice, Dermatology Associates, Portland, OR

2015-2020 Private practice, Baker Allergy, Asthma & Dermatology, Portland, OR

Uniformed Service:

1992-1993 U.S. Public Health Service (Lieutenant)

1993-1997 U.S. Public Health Service (Lieutenant Commander)

1997-2004 U.S. Public Health Service (Commander)

Certification/Licensure:

1989 Diplomate, National Board of Medical Examiners

1992 Certification in Dermatology, American Board of Dermatology

1993 Certification in Clinical and Laboratory Dermatological Immunology, American Board of Dermatology

1991-2004 Medical License, State of Maryland

2001, 2011 Re-certification in Dermatology, American Board of Dermatology

2004-present Medical License, State of Oregon

Professional Societies and Activities:

American Academy of Dermatology (1990-present)

- Sexually Transmitted Diseases Task Force (1994-1995)
- Invited Speaker, Stephen Rothman Club (1998, 2003)
- Study Group on Medical Dermatology (1999)
- Psoriasis Task Force/Expert Resource Group (2000-2004)
- HIV/STD Task Force/Expert Resource Group (2000-2004)
- Invited participant, Forum for Future Leaders in Dermatology (2002)
- Invited chairperson, Residents & Fellows Symposium, Annual Meeting (2002-2005)
- Invited participant, Psoriasis Therapies Educational Summit (2002)
- Invited member, Research Committee (2007-2009)
- Invited member, Congressional Policy Committee (2009-2010)
- Invited member, Camp Discovery Committee (2011-2013)
- Invited Member, Late Breaker Review Committee (2015-present)
- Invited member, Atopic Dermatitis Education Task Force (2019-present)

Society for Investigative Dermatology (1994-present)

- Investigator/Fellow Dinner Program (1997-2007)
- Education for Students Program (1999-2007)
- Committee on Albert M. Kligman Fellowships (2000-2004)

- Committee on Clinical Scholars Program (2001-2004)
- Invited chairperson, minisymposia at annual meetings (2001, 2003-2004, 2007-2008, 2010)
- Invited speaker, retreat to recruit physician-scientists (2001, 2003)
- Chairperson, Committee on Resident and Fellow Programs (2002-2005)
- Invited abstract reviewer for annual meetings (2003-2005, 2010)
- Invited Co-Chair, Psoriasis Research Symposium, 2017

Washington D.C. Dermatological Society (1996-2004)

American Association for the Advancement of Science (1996-2010)

American Society for Microbiology (1997-2006)

American Association of Immunologists (1997-2010)

Dermatology Foundation (1998-2011)

- Invited member, Medical and Scientific Committee (2004-2007)
- Invited chairperson, Medical and Scientific Committee (2007)
- Invited Vice Chairman for the State of Oregon (2006-2007)
- Leader's Society (2006-2011)

National Psoriasis Foundation (1998-present)

- Professional member (1998-present)
- Invited member, Medical Advisory Board (2001-2004, 2007-2013)
- Invited member, Board of Trustees Research Committee (2004)
- Selected Honorary Medical Chair, Walk to Cure Psoriasis in Portland (2007-2010)
- Invited member, Scientific Advisory Board (2009-2014)
- Member, President's Council (2009-present)
- Invited member, Translational Grant Review Committee (2011)
- Invited member, Emeritus Medical Board (2015-present)
- Invited member, Scientific Advisory Committee (2016-present)
- Invited member, COVID-19 Task Force (2020-present)

American Society for Clinical Investigation (2004-2012)

Oregon Dermatology Society (2004-present)

- Board of Directors (2010-2013)
- President-elect (2010-2011)
- President (2011-2012)
- Immediate Past President (2012-2013)

Oregon Medical Association (2004-present)

Group for Research and Assessment of Psoriasis and Psoriatic Arthritis (2006-present)

American Dermatological Association (2007-present)

- Member, Meeting Site Committee (2008-2011)

Invited Scientific Program Co-Chair, "The Biologic Basis of Psoriasis," 57th Annual Montagna Symposium on the Biology of Skin (2008)

Pacific Dermatologic Association (2008-2009)

- Invited Scientific Program Chair for the annual meeting (2009)

Clinical Immunology Society, invited session chair at annual meeting (2010)

Association of Professors of Dermatology (2010-2011)

Invited Member, Executive Committee, Dermatology Comparative Effectiveness Research Network (2010-2015)

Invited Councilor, International Psoriasis Council (2011-present)

- Chair, Biosimilars Working Group (2013-2016)
- Member, Patient Care Committee (2017-present)
- Member, Moderate Psoriasis Committee (2017-present)
- Member, Disease Severity Committee (2020-present)

Member, Pediatric Dermatology Research Alliance Guidance Document for Industry Committee (2016-2017)

Member, European Academy of Dermatology and Venereology (2017-present)

Invited Councilor, International Eczema Council (2019-present)

Committees and Local Activities:

Volunteer dermatologist, Whitman-Walker Clinic, Washington, D.C. (1997-1999)

Invited member, Search Committee for Dermatology Branch Clinical Researcher (1998)

Invited ad hoc reviewer, NIH extramural (NIAID and NIAMS) grants in immunology, HIV/AIDS, and dermatology (1998-2005)

Member, NCI Institutional Review Board (1999-2001)

Invited lecturer, International Society for Infectious Diseases International HIV/AIDS Training Program (1999-2002)

Member, NIH AIDS Malignancy Working Group (1999)

Interviewer of prospective medical students, Uniformed Services University of the Health Sciences (1999-2003)

Member, Trans-NIH Microbicide Working Group (1999-2004)

Member, NIH Pharmacy and Therapeutics Committee (2000-2004)

Invited abstract judge, NIH Fellows Award for Research Excellence (2001-2003)

Member, NCI HIV and Cancer Virology Faculty (2001-2004)

Member, NCI Immunology Faculty (2001-2004)

Member, NCI Vascular Biology Faculty (2001-2004)

Invited member, Search Committee for Dermatology Branch Staff Clinician (2002)

Invited member, Research Evaluation and Decision Panel for the AIDS and Cancer Specimen Resource (2004)

Member, OHSU Cancer Institute (2004-2009)

Member, Medical Staff Council, Portland VA Medical Center (2004-2011)

Faculty Coordinator, OHSU Department of Dermatology Basic Science Journal Club (2004-2011)

Faculty Coordinator, OHSU Department of Dermatology Resident Research Rotation (2004-2011)

Member, OHSU Department of Dermatology Executive Committee (2004-2011)

Founder and Director, OHSU Center of Excellence for Psoriasis and Psoriatic Arthritis (CEPPA) (2006-2011)

Invited ad hoc member, OHSU thesis defense committee for Ph.D. candidate, Cortny Huddleston (2006)

Invited member, Oregon Health Plan Subcommittee on Targeted Immune Modulators (2007)

Invited participant, Roundtable discussion on psoriasis, psoriatic arthritis, and rheumatoid arthritis sponsored by the National Institute of Arthritis and Musculoskeletal and Skin Diseases (2007)

Invited member, OHSU qualifying examination committee for Ph.D. candidate, Kalmia Buels (2007)

Volunteer, Oregon Museum of Science and Industry Body Worlds exhibit (2007)

Member, OHSU Department of Dermatology Storrs Lectureship Committee (2009-2012)

Faculty advisor to OHSU medical students: Brian Truong, Courtney Bell, Janelle Minter (2009-2011)

Volunteer mentor, OHSU Science Class Program for high school students (2010)

Volunteer, OHSU head & neck cancer screening (2010)

Invited ad hoc reviewer, Oregon Clinical and Translational Research Institute pilot grant Program (2010)

Invited member, Aarhus University thesis defense committee for Ph.D. candidate, Claus Johansen (2010)

Director, OHSU Department of Dermatology Kingery Library Committee (2010-2011)

Faculty Advisor, Dermatology Interest Group for OHSU medical students (2010-2011)

Faculty advisor to OHSU dermatology training grant pre-doctoral student: Joshua Walker (2010-2011)

Reviewer for Pharmacy Committee Recommendations and Policy, Regence Blue Cross/Blue Shield, Portland, OR (2010-present)

Volunteer dermatologist, Wallace Medical Concern, Portland, OR (2013-2017)

Faculty thesis advisor to OHSU doctoral student: Sarah Siegel (2016-2020)

Journal Activities:

Editorial Board, *Journal of the American Academy of Dermatology* (1998-2007)

Feature Editor, "Dermatology Grand Rounds at the NIH," *Journal of the American Academy of Dermatology* (2000-2004)

Assistant Editor, *Journal of the American Academy of Dermatology* (2004)

Associate Editor (Science), *Journal of the American Academy of Dermatology* (2004-2007)

International Advisory Board, *Journal of Dermatology* (2000-present)

Associate Editor, *Journal of Investigative Dermatology* (2002-2009)

Editorial Board, *Journal of Dermatological Science* (2003-present)

Section Head, "Psoriasis & Other Inflammatory Diseases" and Dermatology Advisory Board, Faculty of 1000 Medicine (2004-2011)

Editorial Board, *Psoriasis Forum* (2006-2019)

Editorial Board, *Annals of Dermatology* (2009-2011)

Section Editor (Immunology/Infection), *Journal of Investigative Dermatology* (2009-2011)

Board of Consulting Editors, *Journal of Clinical Investigation* (2010-2012)

Editorial Board, *Journal of Clinical and Experimental Dermatology* (2010-2011)

Associate Editor, Translational Research, *British Journal of Dermatology* (2019-present)
Senior Editor, *Journal of Psoriasis and Psoriatic Arthritis* (2020-present)

Reviewer: *New England Journal of Medicine, The Lancet, Science, Journal of Experimental Medicine, Proceedings of the National Academy of Sciences, Journal of Clinical Investigation, Journal of Biological Chemistry, Journal of Immunology, Journal of Leukocyte Biology, Immunology Letters, Journal of Immunological Methods, Journal of Immunotherapy, Clinical Immunology, International Immunology, Expert Review of Clinical Immunology, The Lancet Infectious Diseases, Journal of Virology, Virology, AIDS, AIDS Research and Human Retroviruses, Journal of the Acquired Immune Deficiency Syndrome, Antiviral Therapy, Journal of Infectious Diseases, Clinical Infectious Diseases, Clinical and Microbiological Reviews, Journal of the National Cancer Institute, Cancer Research, Blood, Current Molecular Medicine, Expert Reviews in Molecular Medicine, Journal of Cellular Physiology, F100 Biology Reports, Clinical Science, Hepatology, American Journal of Pathology, Arthritis and Rheumatism, Annals of Epidemiology, Journal of Investigative Dermatology, Archives of Dermatology, Journal of the American Academy of Dermatology, British Journal of Dermatology, Journal of Dermatological Science, Journal of Dermatological Treatment, Journal of Dermatology, Experimental Dermatology, Journal of the European Academy of Dermatology and Venereology, Annals of Dermatology, Dermatologic Surgery, American Journal of Contact Dermatitis, Psoriasis Forum, Medical Hypotheses, The Medical Letter, British Journal of Ophthalmology*

Clinical Study Activities:

1. 1996-2003, Principal Investigator for NIH intramural study #76-C-0293, "Induction of suction blisters in patients with urticaria, blistering diseases, inflammatory dermatoses and neoplastic disorders, and in normal volunteers"
2. 1996-1999, Principal Investigator for NIH intramural study #93-C-0050, "Induction of suction blisters in HIV-infected patients"
3. 1998-2004, Principal Investigator for NIH intramural study #96-C-0097, "The acquisition of blood and skin samples from patient volunteers to support research activities on dermatologic diseases"
4. 1999-2000, Principal Investigator for NIH intramural study #99-C-0027, "Randomized double-blind placebo-controlled trial using recombinant human interleukin-10 for moderate-to-severe psoriasis"
5. 2000-2002, Principal Investigator for NIH intramural study #00-C-0211, "A pilot open-label single-dose study using intravenous micellar paclitaxel for patients with severe psoriasis"
6. 2001, Principal Investigator for NIH intramural study #02-C-0246, "Validation of a survey instrument for future psoriasis studies"
7. 2004, Principal Investigator for NIH intramural study #04-C-0036, "Induction of suction blisters in healthy volunteers"
8. 2004-2005, Co-investigator for OHSU study #578, "Efalizumab for moderate to severe atopic dermatitis - a phase I pilot study in adults"

9. 2005-2009, Principal Investigator for OHSU study #1630, "Expression of p19, p40, and p35 in skin"
10. 2006-2011, Principal Investigator for OHSU study #2364, "A phase 3, multicenter, randomized, double-blind, placebo-controlled trial evaluating the efficacy and safety of CNTO 1275 in the treatment of subjects with moderate to severe plaque-type psoriasis (PHOENIX 2)"
11. 2006-2011, Principal Investigator for OHSU study #2568, "Role of IL-23 and other cytokines in psoriasis and atopic dermatitis pathogenesis"
12. 2006-2010, Principal Investigator for OHSU study #2938, "Induction of suction blisters in healthy volunteers"
13. 2006-2007, Co-investigator for OHSU study #2570, "A phase 3, randomized, double-blind study to evaluate the efficacy and safety of BID application of tacrolimus cream-B 0.1% versus cream-B vehicle in the treatment of psoriasis"
14. 2008-2010, Principal Investigator for OHSU study #3912, "A multicenter, open-label study to assess the efficacy and safety of infliximab (Remicade®) therapy in patients with plaque psoriasis who had an inadequate response to etanercept (Enbrel®) (PSUNRISE)"
15. 2008-2009, Principal Investigator for OHSU study #4255, "Investigating the IL-23/IL-17 inflammatory pathway in psoriasis patients receiving Remicade therapy"
16. 2008-2009, Principal Investigator for OHSU study #4128, "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"
17. 2008-2011, Principal Investigator for OHSU study #4570, "A phase 3, multicenter, open-label continuation study for moderate to severe chronic plaque psoriasis subjects who completed a preceding psoriasis study with ABT-874"
18. 2008-2009, Principal Investigator for OHSU study #4499, "Phase 2A randomized, double-blind, vehicle-controlled, intra-individual comparison trial assessing safety, toleration, pharmacokinetics and pilot efficacy of 4 weeks treatment with CP-690,550 in chronic plaque psoriasis"
19. 2008-2010, Principal Investigator for OHSU study #4875, "LY2439821 (anti-IL-17 humanized antibody) multiple-dose safety and tolerability study in subjects with psoriasis vulgaris"
20. 2008-2011, Principal Investigator for OHSU study #4760, "Clinical database for patients with psoriasis"
21. 2008-2011, Principal Investigator for OHSU study #4953, "A randomised, 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"
22. 2009-2011, Principal Investigator for OHSU study #5363, "ESPIRIT: A 10-year, postmarketing observational registry of Humira® (adalimumab) in adult patients with chronic plaque psoriasis"
23. 2011-2016, Principal Investigator, "A dose-ranging and efficacy study of LY2439821 (an anti-IL-17 antibody) in patients with moderate-to-severe psoriasis"

24. 2011-2013, Principal Investigator, "A randomized, double-blind, placebo-controlled, multicenter study of subcutaneous secukinumab to demonstrate efficacy after 12 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 (ERASURE)"
25. 2011-2012, Sub-Investigator, "A phase 3, multicenter, randomized, double-blind, placebo-controlled, efficacy and safety study of apremilast (CC-10004) in subjects with moderate to severe plaque psoriasis"
26. 2011-2012, Sub-Investigator, "A phase 3 multicenter, randomized, double-blind, placebo-controlled, trial of ustekinumab, a fully human anti-IL-12/23p40 monoclonal antibody, administered subcutaneously, in subjects with active psoriatic arthritis (PSUMMIT I)"
27. 2011-2012, Sub-Investigator, "A phase 3 multicenter, randomized, double-blind, placebo-controlled, trial of ustekinumab, a fully human anti-IL-12/23p40 monoclonal antibody, administered subcutaneously, in subjects with active psoriatic arthritis including those previously treated with biologic anti TNFa agent(s) (PSUMMIT II)"
28. 2011-2012, Sub-Investigator, "A multicenter, randomized, double-blind, placebo-controlled evaluation of rosacea-related inflammatory biochemical markers in the skin of adults with papulopustular rosacea treated with daily doxycycline 40 mg (30 mg immediate release/10 mg delayed releases beads) capsules"
29. 2011-2012, Sub-Investigator, "A randomized, double-blind, vehicle-controlled, multicenter, parallel group study of the safety and efficacy of terbinafine nail lacquer 3% in the treatment of mild to moderate distal subungual onychomycosis of the toenails for 52 weeks"
30. 2011-2012, Sub-Investigator, "A randomized, double-blind, vehicle-controlled, multi-center study to evaluate the efficacy and safety of AN2690 topical solution, 5%, vs. solution vehicle in the treatment of onychomycosis of the toenails in adults"
31. 2011-2012, Sub-Investigator, "A multicenter, randomized, double-blind, parallel group study to evaluate the safety and efficacy of bimatoprost solution 0.03%, 0.1%, and 0.3% compared with vehicle in men with androgenic alopecia with an open-label active comparator (minoxidil 5%) group"
32. 2011-2012, Sub-Investigator, "A multicenter, randomized, double-blind, parallel group study to evaluate the safety and efficacy of bimatoprost solution 0.03%, 0.1%, and 0.3% compared with vehicle in women with female pattern hair loss with an open-label active comparator (minoxidil 2%) group"
33. 2011, Sub-Investigator, "A multicenter, double-blind, randomized, placebo-controlled, parallel-group extension study to evaluate the safety and efficacy of BOTOX (botulinum toxin type A) purified neurotoxin complex in subjects with facial rhytides (crow's feet lines and glabellar lines)"
34. 2011, Sub-Investigator, "A pivotal USA randomized, evaluator-blinded, active controlled, multi-center, split-face comparison study of Emervel Classic Lidocaine versus Juvederm Ultra in the treatment of moderate to severe facial wrinkles and folds"

35. 2011-2017, Principal Investigator, "A multicenter study with a randomized, double blind, placebo-controlled induction dosing period followed by a randomized maintenance dosing period and a long-term extension period to evaluate the efficacy and safety of LY2439821 in patients with moderate-to-severe plaque psoriasis "
36. 2011-2013, Sub-Investigator, "An open-label extension study to evaluate the safety of etanercept in pediatric subjects with plaque psoriasis"
37. 2012-2013, Sub-Investigator, "A phase 2 multicenter, randomized, placebo- and active-comparator-controlled, dose-ranging trial to evaluate CNTO 1959 for the treatment of subjects with moderate to severe plaque type psoriasis (X-PLORE)"
38. 2012, Sub-investigator, "A phase II study of photodynamic therapy with Levulan topical solution plus blue light versus Levulan topical solution vehicle plus blue light using spot and broad area application and incubation times of 1, 2 and 3 hours for the treatment of multiple actinic keratoses on the face or scalp"
39. 2012, Sub-investigator, "A double-blind, randomized, parallel-group, vehicle controlled, multicenter study to evaluate the safety and bioequivalence of a generic butenafine HCl cream, 1% and reference listed Lotrimin Ultra (butenafine HCl cream, 1%) and compare both active treatments to a vehicle control in the treatment of interdigital tinea pedis"
40. 2012-2015, Principal Investigator, "A phase 3b, randomized, double-blind, active controlled, multicenter study to evaluate a "subject-tailored" maintenance dosing approach in subjects with moderate-to-severe plaque psoriasis (PSTELLAR)"
41. 2012-2013, Sub-investigator, "A sequential treatment regimen of cryotherapy and Picato (ingenol mebutate) gel, 0.015% field therapy compared to cryotherapy alone for the treatment of actinic keratosis on the face and scalp"
42. 2012-2013, Sub-Investigator, "A randomized, phase 2, double-blind, placebo-controlled trial to evaluate the safety and efficacy of HL-009 liposomal gel in adult patients with mild to moderate atopic dermatitis"
43. 2012-2013, Principal Investigator, "A randomized, double-blind, placebo-controlled, multicenter study of subcutaneous secukinumab in prefilled syringes to demonstrate efficacy after 12 weeks of treatment, and to assess the safety, tolerability, usability and long-term efficacy in subjects with chronic plaque-type psoriasis (FEATURE)"
44. 2012-2014, Sub-Investigator, "Safety and efficacy of luliconazole solution, 10% with two dosing regimens in distal subungual onychomycosis of the toenails: a randomized, double-blind, vehicle-controlled, phase 2b/3 study"
45. 2012-2013, Sub-Investigator, "A multicenter, randomized, double-blind, four-week, bilateral study of the safety and efficacy of two concentrations of AN2728 ointment administered once or twice a day in adolescents with atopic dermatitis"
46. 2012-2015, Principal Investigator, "A multicenter, double-blind, randomized withdrawal extension study of subcutaneous secukinumab in prefilled syringes to demonstrate long-term efficacy, safety and tolerability up to 2 years in subjects with moderate to severe chronic plaque-type psoriasis completing preceding psoriasis phase III studies with secukinumab"

47. 2012-2013, Sub-Investigator, "A randomized, double-blind, parallel-group, vehicle-controlled, multicenter study comparing imiquimod cream, 3.75% generic to reference listed drug in the treatment of actinic keratosis of the face or balding scalp"
48. 2012-2019, Principal Investigator, "A 12-week multicenter, randomized, double-blind, placebo-controlled study comparing the efficacy and safety of LY2439821 to etanercept and placebo in patients with moderate to severe plaque psoriasis with a long-term extension period"
49. 2012, Sub-Investigator, "A parallel-group, vehicle-controlled, randomized, double-blind study of the efficacy and safety of product 49778 and product 10156 in subjects with seborrheic dermatitis"
50. 2012-2015. Principal Investigator, "A phase 3 study to evaluate the efficacy, safety, and effect of withdrawal and retreatment with brodalumab in subjects with moderate to severe plaque psoriasis: AMAGINE-1"
51. 2012-2013, Sub-Investigator, "An open-label, multicenter study of the efficacy of Cloderm cream (clocortolone pivalate, 0.1%) in the treatment of moderate plaque psoriasis for 28 days"
52. 2013, Sub-Investigator, "Oxymetazoline HCl cream for the treatment of erythema associated with rosacea"
53. 2013-2019, Principal Investigator, "A 52-week, phase 3, randomized, active comparator and placebo-controlled, parallel design study to evaluate the efficacy and safety/tolerability of subcutaneous SCH 900222/MK-3222, followed by an optional long term safety extension study, in subjects with moderate-to-severe chronic plaque psoriasis"
54. 2013-2014, Sub-Investigator, "Bimatoprost for the treatment of eyebrow hypotrichosis"
55. 2013, Principal Investigator, "A multicenter, randomized, double-blind, parallel group comparison of halobetasol propionate lotion 0.05% versus vehicle lotion in subjects with plaque psoriasis"
56. 2013-2014, Principal Investigator, "A phase 2B, multi-site, randomized, double-blind, vehicle-controlled, parallel-group study of the efficacy, safety, local tolerability and pharmacokinetics of 2 dose strengths and 2 regimens of tofacitinib ointment in subjects with chronic psoriasis"
57. 2013-2014, Principal Investigator, "A randomized, double-blind, placebo-controlled, parallel-group, dose-ranging study investigating the efficacy, safety, pharmacokinetic and biomarker profiles of REGN668 administered to adult patients with moderate-to-severe atopic dermatitis"
58. 2013, Principal Investigator, "Qualitative interviews for the development of a patient-reported outcome (PRO) measure in patients with seborrheic keratosis (phase I)"
59. 2013-2014, Principal Investigator, "A multicenter, randomized, double-blind, vehicle controlled, parallel group comparison study to determine the therapeutic equivalence of generic imiquimod cream, 2.5% and Zyclara® (imiquimod) cream, 2.5% in subjects with actinic keratoses"

60. 2014, Principal Investigator, "A phase 2, randomized, double-blind, vehicle controlled, dose-ranging study of the effect of DRM04B in subjects with axillary hyperhidrosis"
61. 2014-2015, Principal Investigator, "A phase 2 randomized, double-blind, vehicle controlled, dose-ranging study to investigate the efficacy and safety of ME1111 in patients with mild to moderate onychomycosis"
62. 2014, Sub-Investigator, "Safety and efficacy of bimatoprost solution versus vehicle in men with androgenic alopecia"
63. 2014, Principal Investigator, Efficacy and safety of ingenol mebutate gel 0.06% when applied once daily for 2, 3 or 4 consecutive days to a treatment area of approximately 250 cm² on trunk and extremities in subjects with actinic keratosis: an international, phase 2, randomized, multicentre, double-blind, vehicle-controlled, 8-week trial"
64. 2014, Principal Investigator, "Qualitative interviews for the development of a patient-reported outcome (PRO) measure in patients with seborrheic keratosis (phase II)"
65. 2014-2017 Principal Investigator, "An open-label study of dupilumab in patients with atopic dermatitis who participated in previous dupilumab trials"
66. 2014-2015, Principal Investigator, "A 48 week study of three different dose regimens of BI 655066 administered subcutaneously in patients with moderate to severe chronic plaque psoriasis (randomised, dose-ranging, active-comparator-controlled (ustekinumab), double-blind within dose groups of BI 655066)"
67. 2014-2015, Sub-Investigator, "A long-term safety and efficacy study of oxymetazoline HCl cream 1.0% in patients with persistent erythema associated with rosacea"
68. 2014-2016, Principal Investigator, "A 52-week, multicenter, randomized, double-blind study of subcutaneous secukinumab to determine efficacy as assessed by Psoriasis Area and Severity Index at 16 weeks of treatment compared to ustekinumab and to assess long-term safety, tolerability and efficacy in subjects with moderate to severe plaque psoriasis"
69. 2014, Sub-Investigator, "Exploratory genetic study in subjects with moderate to severe psoriasis"
70. 2014, Sub-Investigator, "Efficacy and safety of oxymetazoline HCl cream 1.0% for the treatment of persistent erythema associated with rosacea"
71. 2014, Principal Investigator, "A randomized, double-blind, vehicle-controlled, parallel group study of the dose-response profile of A-101 topical solution in subjects with seborrheic keratosis"
72. 2014-2015, Principal Investigator, "A randomized, double-blind, multicenter study to demonstrate equivalent efficacy and to compare safety and immunogenicity of a biosimilar adalimumab (GP2017) and Humira in patients with moderate to severe chronic plaque-type psoriasis"
73. 2014-2015, Principal Investigator, "A randomized, double-blind, placebo-controlled, study investigating vaccine responses in adults with moderate to severe atopic dermatitis treated with dupilumab"

74. 2014-2015, Principal Investigator, "A randomized, double-blind, vehicle-controlled, parallel group study of the dose-response profile of A-101 solution in subjects with seborrheic keratosis of the face"
75. 2014-2016, Principal Investigator, "A randomized, double-blind, placebo-controlled study to demonstrate the efficacy and long-term safety of dupilumab in adult patients with moderate-to-severe atopic dermatitis"
76. 2014-2016, Principal Investigator, "A phase 3, multicenter, randomized, double-blind study to evaluate the efficacy and safety of guselkumab for the treatment of subjects with moderate to severe plaque-type psoriasis and an inadequate response to ustekinumab"
77. 2014-2015, Principal Investigator, "A phase 2, multicenter, randomized, double-blind, vehicle-controlled study on the safety, tolerability, and efficacy of 0.15% and 0.25% concentrations of topical SM04554 solution in male subjects with androgenetic alopecia (AGA)"
78. 2014-2016, Principal Investigator, "A randomized, double-blind, placebo-controlled study of the efficacy and safety of gevokizumab in treating active ulcers of pyoderma gangrenosum"
79. 2014-2016, Principal Investigator, "A 2-year, open-label, safety extension study of gevokizumab in patients with pyoderma gangrenosum"
80. 2014-2018, Principal Investigator, "A phase 3, multicenter, randomized, double-blind, parallel-group, study followed by a dose-blind period and open-label follow-up to evaluate the efficacy and safety of certolizumab pegol in subjects with moderate to severe chronic plaque psoriasis"
81. 2014-2020, Principal Investigator, "A phase 3, multicenter, randomized, double-blind placebo and active comparator-controlled study evaluating the efficacy and safety of guselkumab for the treatment of subjects with moderate to severe plaque-type psoriasis"
82. 2014-2017, Principal Investigator, "An open label extension trial assessing the safety and efficacy of BI 655066 administered subcutaneously in patients with moderate to severe chronic plaque psoriasis"
83. 2015-2017, Principal Investigator, "A phase 2, randomized, double-blind, placebo-controlled, dose-ranging study to evaluate the efficacy and safety of VT-1161 oral tablets in the treatment of patients with distal and lateral subungual onychomycosis of the toenail"
84. 2015, Study Investigator, "A test of seborrheic keratosis physician lesion assessment reliability"
85. 2015, Principal Investigator, "A phase 3 confirmatory study investigating the efficacy and safety of dupilumab monotherapy administered to adult patients with moderate-to-severe atopic dermatitis"
86. 2015, Principal Investigator, "A multi-center, double-blind, randomized, vehicle controlled, parallel-group study to compare Perrigo UK FINCO's brimonidine topical gel 0.33% to Mirvaso (brimonidine) topical gel 0.33%, and both active treatments to a vehicle control in the treatment of persistent (non-transient) facial erythema of rosacea"

87. 2015, Principal Investigator, "A multi-center, randomized, double-blind, placebo-controlled study evaluating the safety and efficacy of LIPO-202 for the reduction of central abdominal bulging due to subcutaneous fat in non-obese subjects"
88. 2015-2016, Principal Investigator, "An open-label phase II study to evaluate the safety of lebrikizumab compared to topical corticosteroids in adult patients with persistent, moderate to severe atopic dermatitis"
89. 2015-2016, Principal Investigator, "A double-blind extension study to evaluate the post-treatment safety and duration of clinical effect of LIPO-202 in subjects who complete either the LIPO-202-CL-18 or LIPO-202-CL-19 study"
90. 2015-2016, Principal Investigator, "A multicenter, randomized, double-blind study comparing the efficacy and safety of ixekizumab dosing regimens in patients with moderate-to-severe plaque psoriasis"
91. 2015-2016, Principal Investigator, "A randomized, double-blind, vehicle-controlled, parallel group study of the safety, tolerability, bioavailability and dose response of ALX-101 topical gel administered twice daily in adult subjects with mild to moderate atopic dermatitis (ALX-101-ATOP-201)"
92. 2015-2016, Principal Investigator, "A phase 3, multicenter, double-blind, randomized, vehicle controlled clinical study to assess the safety and efficacy of IDP-118 in the treatment of plaque psoriasis (V01-118A-302)"
93. 2015-2016, Principal Investigator, "A phase 3, multicenter, open label study to evaluate the long-term safety of IDP-118 lotion in the treatment of plaque psoriasis (V01-118A-303)"
94. 2015-2018, Principal Investigator, "A phase 3, multicenter, randomized, double-blind, parallel-group, placebo-and-active-controlled study followed by a placebo-controlled maintenance period and open-label follow-up to evaluate the efficacy and safety of certolizumab pegol in subjects with moderate to severe chronic plaque psoriasis"
95. 2016, Principal Investigator, "A randomized, double-blind, vehicle-controlled, parallel group study of the safety and effectiveness of A-101 solution 40% in subjects with seborrheic keratosis on the trunk, extremities and face (study 2)"
96. 2016-2018, Principal Investigator, "A randomized, double-blind, placebo-controlled, parallel-group, multicenter study to evaluate the effect of secukinumab on aortic vascular inflammation and cardiometabolic biomarkers after 12 weeks of treatment, compared to placebo, and up to 52 weeks of treatment with secukinumab in adult subjects with moderate to severe chronic plaque-type psoriasis"
97. 2016-2018, Principal Investigator, "BI 655066 versus ustekinumab and placebo comparators in a randomized double blind trial for maintenance use in moderate to severe plaque type psoriasis (UltIMMa-1)"
98. 2016-2018, Principal Investigator, "BI 655066 versus placebo in a multicenter randomized double-blind study in patients with moderate to severe chronic plaque psoriasis evaluating the efficacy and safety with randomized withdrawal and re-treatment (IMMhance)"

99. 2016-2018, Principal Investigator, "A multicenter, randomized, double-blind study comparing the efficacy and safety of ixekizumab versus placebo in patients with moderate-to-severe genital psoriasis"
100. 2016-2018, Principal Investigator, "A 52-week, multicenter, randomized, double-blind study of secukinumab (300 mg) to demonstrate efficacy as assessed by Psoriasis Area and Severity Index and Investigator's Global Assessment after 12 weeks of treatment, compared to ustekinumab, and to assess long-term safety, tolerability, and efficacy in subjects with moderate to severe plaque psoriasis (CLARITY)"
101. 2016-2017, Principal Investigator, "A phase 2 randomized, double-blind, placebo-controlled, parallel-cohort study to evaluate the efficacy, safety, tolerability, and pharmacokinetics of once-daily application of topical VDA-1102 ointment for 28 days in subjects with actinic keratosis"
102. 2016-2017, Principal Investigator, "A multicenter, randomized, double-blind, placebo-controlled, parallel-group, dose ranging study to evaluate the safety, efficacy, pharmacokinetics and pharmacodynamics of bimekizumab in adult subjects with moderate-to-severe chronic plaque psoriasis"
103. 2016-2018, Principal Investigator, "A phase 2B, multicenter, 48-week, open-label extension study to assess the long-term safety, tolerability, and efficacy of bimekizumab in adult subjects with moderate-to-severe chronic plaque psoriasis"
104. 2016-2018, Principal Investigator, "A phase IIA, randomized, double-blind, placebo-controlled study of the safety and efficacy of varying regimens of CANDIN for treatment of common warts (verruca vulgaris)"
105. 2016-2017, Principal Investigator, "Phase 2 study of RVT-501 in adult and adolescent subjects with atopic dermatitis"
106. 2017-2018, Principal Investigator, "A multicenter, randomized, double-blind, placebo-controlled, parallel-group study to investigate the efficacy and safety of mepolizumab administered subcutaneously in subjects with moderate to severe atopic dermatitis"
107. 2017-present, Principal Investigator, "A multicenter, open Label study to assess the safety and efficacy of risankizumab for Maintenance in moderate to severe plaque type psoriasis (LIMITLESS)"
108. 2017-2018, Principal Investigator, "An open-label, randomized, actual use study of dupilumab auto-injector device in patients with atopic dermatitis"
109. 2017-2018, Principal Investigator, "Multicenter, randomized, double-blind, placebo-controlled, phase 2A study of setipiprant tablets in androgenetic alopecia in males with a comparator arm"
110. 2017-2019, Principal Investigator, "A randomized, double-blind, placebo-controlled, parallel group, multicenter study to explore changes in subcutaneous adipose tissue and modulation of skin inflammation after 12 weeks of treatment with secukinumab, compared to placebo, and up to 52 weeks of treatment with secukinumab in adult patients with moderate to severe plaque psoriasis (ADIPSO)"

111. 2017-2018, Principal Investigator, "A randomized, double-blind, placebo-controlled study to Investigate the efficacy and safety of dupilumab monotherapy in patients >12 to <18 years of age, with moderate-to-severe atopic dermatitis"
112. 2017-2018, Principal Investigator, "An open-label, multi-center trial to assess the safety of single and repeat treatments of daxibotulinumtoxinA for injection for treatment of moderate to severe glabellar lines (SAKURA OPEN LABEL SAFETY)"
113. 2017-present, Principal Investigator, "A phase IV, open label study of the effects of apremilast on vascular inflammation and cardiometabolic function in psoriasis"
114. 2017-2020, Principal Investigator, "A randomized, double-blind, placebo-controlled, phase 3 trial to evaluate the efficacy and safety of tralokinumab monotherapy in subjects with moderate-to-severe atopic dermatitis who are candidates for systemic therapy"
115. 2017-2019, Principal Investigator, "An open-label extension study to assess the long-term safety and efficacy of dupilumab in patients >6 months to <18 years of age with atopic dermatitis"
116. 2017-2019, Principal Investigator, "A phase 3, double-blind, vehicle-controlled, randomized, parallel group, multicenter, efficacy and safety study of KX2-391 ointment 1% in adult subjects with actinic keratosis on the face or scalp"
117. 2017-2018, Principal Investigator, "A randomized, double-blind, placebo-controlled, phase 2b, multicenter study to evaluate the safety, efficacy, and tolerability of SNA-120 in subjects with pruritus associated with psoriasis vulgaris"
118. 2017-2018, Sub-Investigator, A phase2b/3 randomized, double-blind, placebo-controlled, parallel group, multicenter study investigating the efficacy and safety of JNJ-54861911 in subjects who are asymptomatic at risk for developing Alzheimer's dementia"
119. 2018, Principal Investigator, "Randomized, double-blind, vehicle-controlled, multicenter, parallel-group, phase 2a study to assess the safety and efficacy of PR022 topical gel in adults with mild to moderate atopic dermatitis"
120. 2018-2020, Principal Investigator, "A phase 3, multicenter, study with an active-controlled initial treatment period followed by a dose-blind maintenance treatment period to evaluate the efficacy and safety of bimekizumab in adult subjects with moderate to severe chronic plaque psoriasis"
121. 2018-2020, Principal Investigator, "A phase 3, multicenter, double-blind, placebo-controlled study with an initial treatment period followed by a randomized-withdrawal period to evaluate the efficacy and safety of bimekizumab in adult subjects with moderate to severe chronic plaque psoriasis"
122. 2018, Principal Investigator, "Phase 2 study to evaluate the efficacy, safety, and tolerability of RVT-501 topical ointment in pediatric patients with mild to moderate atopic dermatitis"
123. 2018-2019, Principal Investigator, "A randomized, double-blind, placebo-controlled, dose-ranging trial to evaluate the efficacy and safety of lebrikizumab in patients with moderate-to-severe atopic dermatitis"
124. 2018-2019, Principal Investigator, "A multicenter study with a randomized, double-blind, placebo-controlled induction dosing period followed by a randomized

- withdrawal maintenance dosing period to evaluate the efficacy and safety of mirikizumab in patients with moderate-to-severe plaque psoriasis: OASIS-1”
125. 2018-2020, Principal Investigator, “A multicenter, randomized, open label, efficacy assessor-blinded study of risankizumab compared to secukinumab for the treatment of adult subjects with moderate to severe plaque psoriasis who are candidates for systemic therapy”
 126. 2018-2019, Sub-Investigator, “A phase 2B open-label study to evaluate the efficacy, safety, and tolerability of topical VDA-1102 ointment in subjects with actinic keratosis”
 127. 2018-2020, Principal Investigator, “A phase 3 randomized withdrawal, double-blind, placebo-controlled, multi-center study investigating the efficacy and safety of PF-04965842 in subjects aged 12 years and over, with moderate to severe atopic dermatitis with the option of rescue treatment in flaring subjects”
 128. 2018-present, Principal Investigator, “A multicenter, open-label study to assess the long-term safety, tolerability, and efficacy of bimekizumab in adult subjects with moderate to severe chronic plaque psoriasis”
 129. 2018-present Principal Investigator, “A phase 3 multi-center, long-term extension study investigating the efficacy and safety of PF-04965842, with or without topical medications, administered to subjects aged 12 years and older with moderate to severe atopic dermatitis”
 130. 2018-present Principal Investigator, “An open-label, single-arm, multi-centre, long-term extension trial to evaluate the safety and efficacy of tralokinumab in subjects with atopic dermatitis who participated in previous tralokinumab clinical trials”
 131. 2018-present, Principal Investigator, “A multicenter, randomized, double-blind, secukinumab-controlled, parallel-group study to evaluate the efficacy and safety of bimekizumab in adult subjects with moderate to severe chronic plaque psoriasis”
 132. 2018-present, Principal, Investigator, “A phase 3 randomized, placebo-controlled, double-blind study to evaluate upadacitinib in adolescent and adult subjects with moderate to severe atopic dermatitis”
 133. 2018-2019, Principal Investigator, “A randomized, double-blind, placebo-controlled multicenter study to evaluate the safety, tolerability and efficacy of ATI-501 oral suspension compared to placebo in adult subjects with alopecia areata, alopecia universalis, or alopecia totalis”
 134. 2018-2020, Sub-Investigator, “A phase 2, multicenter, randomized, placebo-controlled, double-blind, proof-of-concept study to evaluate guselkumab for the treatment of subjects with moderate to severe hidradenitis suppurativa”
 135. 2018-2020, Principal Investigator, “A 24-week multicenter, randomized, double-blind, parallel-group study comparing the efficacy and safety of ixekizumab to guselkumab in patients with moderate-to-severe plaque psoriasis”
 136. 2018-present, Principal Investigator, “A multicenter, long-term extension to evaluate the long-term safety and maintenance of treatment effect of mirikizumab in patients with moderate-to-severe plaque psoriasis: OASIS-3”

137. 2019-2020 Sub-Investigator, "Phase 2b dose-ranging trial to evaluate delgocitinib cream 1, 3, 8, and 20 mg/g compared to delgocitinib cream vehicle over a 16-week treatment period in adult subjects with chronic hand eczema"
138. 2019-2020, Principal Investigator, "A phase 3b multicenter, randomized, double-blind, double-dummy, active controlled study comparing the safety and efficacy of upadacitinib to dupilumab in adult subjects with moderate to severe atopic dermatitis"
139. 2019-2020, Principal Investigator, "A multi-center, randomized, double-blind, placebo- and active comparator-controlled phase 3 study to evaluate the efficacy and safety of BMS-986165 in subjects with moderate-to-severe plaque psoriasis"
140. 2019-present, Principal Investigator, "A multicenter, randomized, double-blind, placebo-controlled, operationally seamless, adaptive phase 2/3 study to evaluate the efficacy and safety of baricitinib in adult patients with severe or very severe alopecia areata"
141. 2019, Principal Investigator, "Open-label study of ATI-502 topical solution for the treatment of alopecia areata, alopecia universalis, and alopecia totalis"
142. 2019-2020, Principal Investigator, "A phase 3, multi-center, randomized, double-blind, vehicle-controlled, parallel group study comparing the efficacy and safety of SB206 and vehicle gel once daily in the treatment of molluscum contagiosum"
143. 2019-2020, Principal Investigator, "A phase 3 efficacy and safety study of tapinarof for the treatment of plaque psoriasis in adults"
144. 2019-present, Principal Investigator, "A long-term, open-label, extension study to evaluate the safety and efficacy of tapinarof cream, 1% for the treatment of plaque psoriasis in adults"
145. 2019-present, Principal Investigator, "A phase 3, double-blind, randomized, 8-week, vehicle-controlled efficacy and safety study of ruxolitinib cream followed by a long-term safety extension period in adolescents and adults with atopic dermatitis"
146. 2019-present, Principal Investigator, "A multicenter, randomized, double-blind, placebo-controlled clinical study to assess the efficacy and safety of tildrakizumab in the treatment of moderate to severe plaque psoriasis of the scalp"
147. 2019-present, Principal Investigator, "A randomized, double-blind, placebo-controlled trial to evaluate the efficacy and safety of lebrikizumab in patients with moderate-to-severe atopic dermatitis"
148. 2019-present, Principal Investigator, "A phase 3, double-blind, randomized, vehicle-controlled, efficacy and safety study of ruxolitinib cream followed by an extension period in participants with vitiligo"
149. 2020-present, Principal Investigator, "An open-label, multi-center extension study to characterize the long-term safety and efficacy of BMS-986165 in subjects with moderate-to-severe plaque psoriasis"
150. 2020-present, Principal Investigator, "A phase 3b, open-label treatment extension study of upadacitinib for the treatment of adult subjects with moderate to severe atopic dermatitis who completed treatment in study M16-046"
151. 2020-present, Principal Investigator, "A randomized, double-blind, placebo-controlled trial to evaluate the efficacy and safety of lebrikizumab when used in

- combination with topical corticosteroid treatment in patients with moderate-to-severe atopic dermatitis”
152. 2020-present, Principal Investigator, “A phase 3B randomized, double-blind, double-dummy, active controlled multi-center study assessing the efficacy and safety of abrocitinib compared with dupilumab in adult participants on background topical therapy with moderate to severe atopic dermatitis”
 153. 2020-present, Principal Investigator, “A phase 3 open-label, multi-center, long-term study investigating the safety and efficacy of PF-06651600 in adult and adolescent participants with alopecia areata”
 154. 2020-present, Sub-Investigator, “A proof of concept study to evaluate the efficacy, safety, and tolerability of secukinumab 300 mg over 32 weeks in adult patients with biopsy-proven forms of lichen planus not adequately controlled with topical therapies-PRELUDE”
 155. 2020-present, Sub-Investigator, “A phase 2, multicenter, randomized, double-blind, placebo-controlled, parallel-cohort, dose-ranging study investigating the effect of EDP1815 in the treatment of mild to moderate plaque psoriasis”
 156. 2020-present, Principal Investigator, “A double-blind, vehicle-controlled, randomized withdrawal and treatment extension study to assess the long-term efficacy and safety of ruxolitinib cream in participants with vitiligo”
 157. 2020-present, Principal Investigator, A long-term study to assess the safety and efficacy of lebrikizumab in patients with moderate-to-severe atopic dermatitis”
 158. 2021-present, Principal Investigator, “A phase 3, multicenter, randomized, double-blind study evaluating the efficacy and safety of ABP 654 compared with ustekinumab in subjects with moderate to severe plaque psoriasis”
 159. 2021-present, Principal Investigator, “A multicenter, randomized, double-blinded study evaluating the pharmacokinetics, efficacy and safety of multiple switches between ustekinumab and ABP 654 compared with continued use of ustekinumab in subjects with moderate to severe plaque psoriasis”
 160. 2021-present, Principal Investigator, “A phase 3, 16-week, randomized, double-blind, placebo-controlled, parallel-group study to assess the impact of lebrikizumab on vaccine responses in adult patients with moderate-to-severe atopic dermatitis”
 161. 2021-present, Principal Investigator, “A phase 3, 4-week, parallel group, double blind, vehicle-controlled study of the safety and efficacy of ARQ-151 cream 0.15% administered QD in subjects with atopic dermatitis”

Research Grants:

1. 1989-1993, "Intralesional Cyclosporine for Alopecia Totalis," Principal Investigator, Alopecia Areata Foundation Research Grant, \$15,000
2. 1996-2004, “Immunologic and virologic studies of the skin with particular relevance to HIV disease and Kaposi’s sarcoma pathogenesis,” continual NIH intramural funding with increasing yearly budgets based upon outstanding evaluations by internal and external review panels
3. 1998-2000, “Randomized Double-Blind Placebo-Controlled Trial Using Recombinant Human Interleukin-10 for Moderate-to-Severe Psoriasis,” Principal

- Investigator, NCI Division of Clinical Sciences Intramural Research Award, \$100,000/year
4. 1999-2006, "Topical Agents to Prevent Mucosal HIV Transmission," Co-Investigator, NIH extramural Program Project #AI51649
 5. 2000-2002, "Novel Transgenic Mouse Models of Kaposi's Sarcoma," Principal Investigator, NCI Division of Clinical Sciences Intramural Research Award, \$75,000/year
 6. 2004, "Topical Agents to Prevent Mucosal HIV Transmission," Principal Investigator, James B. Pendleton Charitable Trust, \$75,400
 7. 2005-2006 "Efalizumab for Moderate to Severe Atopic Dermatitis- A Phase I Pilot Study in Adults," Principal Investigator for laboratory based studies, Genentech, \$25,000
 8. 2006-2007, "The Role of IL-23 in the Pathogenesis of Psoriasis," Principal Investigator, National Psoriasis Foundation Research Grant, \$30,000
 9. 2006-2007, "Psoriasis as a T IL-17 Autoimmune Skin Disease?" Principal Investigator, Oregon Medical Research Foundation, \$30,000
 10. 2007-2010, "Psoriasis-like Disease Induced by TGF β 1 and IL-23," Principal Investigator, Veterans Affairs Merit Award, \$375,000
 11. 2007, "Psoriasis-like Disease Induced by IL-23," Principal Investigator, American Skin Association, \$15,000
 12. 2007-2009, "Role of IL-23 in Psoriasis Pathogenesis," Principal Investigator, National Institutes of Health 1 R21 AR054495-01A1, \$275,000
 13. 2008-2009, "Investigating the IL-23/IL-17 Inflammatory Pathway in Psoriasis Patients Receiving Remicade Therapy," Principal Investigator, Centocor, \$67,400
 14. 2008-2009, "Psoriasis fellow support," Principal Investigator, Abbott, \$45,000
 15. 2009-2011, "Trim32 Regulation of Piasy in Skin Homeostasis," Co-investigator (3% effort), National Institutes of Health R01 AR055651
 16. 2009-2011, "Training in the Molecular Basis of Skin/Mucosa Pathobiology," Associate Program Director, National Institutes of Health T32 CA106195-06A1
 17. 2009-2011, "Comparative Effectiveness of Biologics for Psoriasis," Steering Committee Member, National Institutes of Health RC1 ARO58204
 18. 2009-2010, "Candida albicans as a potential immunologic trigger for psoriasis," Principal Investigator, Oregon Medical Research Foundation, \$40,000
 19. 2011-2016, "HIV-1 R5 Envelope Determinants and Properties that Affect Transmission," Significant Contributor, National Institutes of Health R01

Consulting Activities:

- 2003, Consultant, FDA Center for Drug Evaluation and Research
2004, Scientific Consultant, Genentech
2004-2007, Medical Advisory Board, Coria Laboratories, Ltd.
2005-present, Scientific Advisory Board, Maui Derm annual meeting
2005-2008, Consultant, MEDACorp
2005-present, Scientific Consultant, Centocor, Inc./Janssen
2005-2008, Dermatology National Faculty Speaker's Bureau, Centocor, Inc.

2006-2011, Scientific Consultant, Anacor Pharmaceuticals
2006-2008 Member, The Society of Industry Leaders
2006-present, Scientific Consultant, Abbott Laboratories, Inc./AbbVie
2006-2008, Speaker Board, Abbott Laboratories, Inc.
2006-2008, Speaker Board, Amgen
2006-2008, Member, Medical Education Speakers Network
2007, Consultant, CVS Pharmacy
2007, Medical Consultant, Barrier Therapeutics, Inc.
2007, Medical Consultant, Emeritus Educational Sciences
2007, Scientific Consultant, CombinatoRx
2007, Scientific Consultant, Cerimon Pharmaceuticals
2007-present, Scientific Consultant, Eli Lilly and Company
2007-2010, Scientific Consultant, MacroGenics, Inc.
2008, Scientific Consultant, PM Toleikis & Associates Consulting, Inc.
2008-present Scientific Consultant, Amgen
2008, Scientific Consultant, Vascular Biogenics, Ltd.
2008-2013, Invited Member, Scientific Steering Committee for phase 4 PSUNRISE study, Centocor
2009-2011, Invited Member, Scientific Steering Committee for phase 4 ESPRIT study, Abbott
2010-2012, Scientific Consultant, Takeda Pharmaceuticals
2010, Scientific Consultant, Artielle Immunotherapeutics
2010-2012, Invited Key Informant, Federal Advisory Panel of the Agency for Healthcare Research and Quality on "Biologic and Non-biologic Systemic Agents and Phototherapy for Treatment of Chronic Plaque Psoriasis"
2010-2019, Invited Member, Scientific Steering Committee for phase 3 secukinumab psoriasis studies, Novartis
2010-present, Scientific Consultant, Novartis
2010-present, Scientific Consultant, Pfizer
2010-present, Scientific Consultant, Boehringer Ingelheim
2011-present, Medical Advisor, Ultra
2011-2016, Invited Lead Member, Scientific Steering Committee for phase 3B PSELLAR study, Janssen
2012-2019, Dermatology National Faculty Speaker's Bureau, Janssen
2012, Scientific Consultant, Maruho
2012-2018, Scientific Consultant, Allergan
2013-present, Scientific Consultant, Regeneron/Sanofi
2013-present, Invited Member, Lilly Autoimmune Strategic Advisory Board
2013-present, Invited Member, Lilly Global Advisory Board for ixekizumab
2013, Scientific Consultant, Baxter
2013-2017, Scientific Consultant, Merck
2013, Scientific Consultant, Momenta
2013-2018, Scientific Consultant, Celgene

2014-present, Invited Member, Scientific Steering Committee for phase 3 guselkumab psoriasis studies, Janssen
2014, Scientific Consultant, Samumed
2014-present, Scientific Consultant, Galderma
2015-2019, Invited Member, Scientific Steering Committee for phase 3 BI 655066 psoriasis studies, Boehringer Ingelheim
2015-2019, Invited Member, Publication Committee for phase 3 BI 655066 psoriasis studies, Boehringer Ingelheim
2015-2020 Scientific consultant, Dermira
2015-2018 Scientific consultant, Genentech
2015-present, Chair, Efficacy Subcommittee, Lilly Global Medical Education Steering Committee
2016-2018, Lilly National Speaker Board
2016-2019, Scientific consultant, Valeant
2016-2019, Scientific consultant, MedImmune/AstraZeneca
2016-present, Scientific consultant, UCB
2016-present, Scientific consultant, Sun Pharma
2016-present, Scientific consultant, Sandoz
2016-2019, Scientific consultant, Gilead
2017-2019, Scientific consultant, Purdue Pharma
2017-2019, Scientific consultant, Roivant Sciences
2017-present, Scientific consultant, Almirall
2017-2019, Scientific consultant, 23andMe
2017-2019, Scientific consultant, Vidac
2017-2018, Scientific consultant, Sienna Pharmaceuticals
2017-2019, Regeneron/Sanofi Genzyme National Speaker Board
2017-present, Scientific consultant, Meiji
2018-present, Scientific consultant, Akros
2018-present, Scientific consultant, Arena
2018-present, Scientific consultant, Bristol-Myers Squibb
2019-present, Scientific consultant, FLX Bio
2019-2020, Speaker Board, AbbVie
2019-present, Scientific consultant, Forte
2019-present, Scientific consultant, Serono
2020-present, Scientific consultant, Rapt
2020-present, Scientific consultant, Incyte
2020-present, Scientific consultant, Aligos
2021-present, Scientific consultant, Landos

Mentorship:

- Primary mentor to 9 laboratory research-based postdoctoral fellows (2 with Ph.D.: Drs. J. Paul Zoetewij, Erin Harper; 2 with M.D.: Drs. Nickolai Talanin, Andrea Niedermeier; and 5 with M.D., Ph.D.: Drs. Tatsuyoshi Kawamura, Takahiro Watanabe, Makoto Sugaya, Wei Liao, Shinji Kagami)

- 4 currently in independent academic positions, with 2 in chairman positions (Drs. Kawamura, Sugaya, Niedermeier, Liao)
- 2 currently in industry (Drs. Zoetewij and Harper)
- 3 currently in private practice dermatology (Drs. Watanabe, Talanin, Kagami)
- Mentor to 8 clinical research-based postdoctoral fellows (7 with M.D.: Drs. Alexa Kimball, Allison Ehrlich, Edward Cowen, Gretchen Vanderbeek, Jennifer Lee, Aman Samrao, Brian Truong, Alison Uyemura)
 - 4 currently in independent academic positions, with 3 in chair/leadership Positions with (Drs. Kimball, Ehrlich, Cowen, Samrao)
 - 4 currently in private practice (Drs. Vanderbeek, Lee, Truong, Uyemura)
- Primary mentor to 10 students performing laboratory research before or during medical/graduate school
 - 3 went on to train in dermatology and currently in independent academic Positions (Drs. Sharon Jacob, Aparche Yang, and Erin Foster)
 - 4 went on to train in dermatology and currently in private practice dermatology (Drs. April Atkins, Stacey Reed, Sam Bremmer, and Ryan Sells)
 - 1 went on to train in medical oncology and currently in private practice (Dr. Krupali Tejura)
 - 2 completed PhDs (Drs. Iliyana Mikell and Heather Rizzo)

Honors/Awards:

- 1980, Phi Eta Sigma (Freshmen Engineering Honor Society)
- 1983, Eta Kappa Nu (Electrical Engineering Honor Society)
- 1983, Tau Beta Pi (Engineering Honor Society)
- 1983, Golden Key (Leadership Honor Society)
- 1983, Mortar Board (Leadership Honor Society)
- 1984, Mortar Board Graduate Fellowship
- 1988, Alpha Omega Alpha
- 1992, University of Miami George Ioannides Award for Excellence in Resident Teaching
- 1996, American Academy of Dermatology Young Investigator in Dermatology Award
- 1999, U.S. Public Health Service Outstanding Service Medal
- 2000, Invited participant for "The Biology of HIV Transmission" NIH Think Tank
- 2001, Invited participant for "Antigen Presenting Cells in HIV Pathogenesis and Therapy" NIH Think Tank
- 2004, Elected member, American Society for Clinical Investigation
- 2007, Elected member, American Dermatological Association
- 2007, OHSU Department of Dermatology Faculty Award for Teaching
- 2007, OHSU Rose Award for Outstanding Service Excellence by a patient, visitor, or colleague
- 2008, National Psoriasis Foundation Certificate of Appreciation for outstanding advocacy service to the psoriasis community
- 2008, OHSU Department of Medicine Career Teaching Achievement Award

2008, University of Massachusetts John R. Person Lecturer in Dermatology
2008, University of Washington Robert Pommerening Lecturer in Dermatology
2011, Dermatology Nurses' Association First Annual Robin Weber Memorial
Immunology Lecture
2011, OHSU Department of Dermatology Faculty Award for Teaching
2011, Invited Councilor, International Psoriasis Council
2012, University of Toronto Ricky K. Schachter Lecturer in Psoriasis
2013, Invited member, Noah Worcester Dermatological Society
2017, University of Cincinnati Smith H. & Lucille Gibson, M.D., Endowed Lecture in
Dermatology
2017, Volunteer of the Year, International Psoriasis Council
2019, Invited Councilor, International Eczema Council

Bibliography:

1. Ellis CN, Pennes DR, Hermann RC, Blauvelt A, Martel W, Voorhees JJ. Long-term radiographic follow-up after isotretinoin therapy. **J Am Acad Dermatol** 1988;18:1252-1261.
2. Kareti LR, Katlein S, Siew S, Blauvelt A. Angiosarcoma of the adrenal gland. **Arch Pathol Lab Med** 1988;112:1163-1165.
Blauvelt A, Nahass GT, Pardo RJ, Kerdel FA. Pityriasis rubra pilaris and HIV infection. **J Am Acad Dermatol** 1991;24:703-705.
3. Blauvelt A, Falanga V. Idiopathic and L-tryptophan-associated eosinophilic fasciitis before and after L-tryptophan contamination. **Arch Dermatol** 1991;127:1159-1166.
4. Blauvelt A, Kerdel FA. Intravenous corticosteroids for systemic mastocytosis. **Arch Dermatol** 1991;127:1586.
5. Zhu WY, Blauvelt A, Goldstein BA, Leonardi CL, Penneys NS. Detection with the polymerase chain reaction of human papillomavirus DNA in condylomata acuminata treated in vitro with liquid nitrogen, trichloroacetic acid, and podophyllin. **J Am Acad Dermatol** 1992;26:710-714.
6. Nahass GT, Blauvelt A, Leonardi CL, Penneys NS. Basal cell carcinoma of the scrotum: report of three cases and review of the literature. **J Am Acad Dermatol** 1992; 26:574-578.
7. Blauvelt A, Kerdel FA. Cutaneous cryptococcosis mimicking Kaposi's sarcoma as the presenting sign of disseminated disease. **Int J Dermatol** 1992;31:279-280.
8. Blauvelt A, Harris HR, Hogan DJ, Jimenez-Acosta F, Ponce I, Pardo RJ. Porphyria cutanea tarda and human immunodeficiency virus infection. **Int J Dermatol** 1992;31:474-479.
9. Blauvelt A, Duarte AM, Pruksachatkunakorn C, Leonardi CL, Schachner LA. Human papillomavirus type 6 infection involving cutaneous nongenital sites. **J Am Acad Dermatol** 1992;27:876-879.
10. Nahass GT, Blauvelt A, Penneys NS. Metastases from basal cell carcinoma of the scrotum. **J Am Acad Dermatol** 1992;26:509-510.
11. Blauvelt A, Duarte AM, Schachner LA. Pool palms. **J Am Acad Dermatol** 1992;27:111.
12. Zhu WY, Leonardi CL, Blauvelt A, Serfling U, Penneys NS. Human papillomavirus DNA in the dermis of condyloma acuminatum. **J Cutan Pathol** 1993;20:447-450.
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