

Curriculum Vitae

Galen Hunt Fisher, MD
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Education, Board Certification and Licensure:

1986, The Lawrenceville School, Lawrenceville NJ, H.S. Diploma
1990-91, Harvard University, Cambridge MA, visiting undergraduate, G.P.A. 4.0/4.0
1991, Colby College, Waterville ME, B.A., Biochemistry, G.P.A. 3.7/4.0
1991-93, University of Pennsylvania Medical School Philadelphia PA
1993-95, Howard Hughes Medical Institutes-NIH Research Scholar's Cloister Program, Bethesda MD
1995-97, Duke University Medical School, received Doctorate of Medicine May, 1997
June 1997-July 1998, Pediatrics residency, Baylor College of Medicine, Houston Texas
July 1998-June 2001, Molecular oncology Fellowship in the laboratory of Nobel Laureate, Dr. Harold Varmus, NCI-NIH, Bethesda MD
July 2001-June 2004, Dermatology residency, M.U.S.C., Charleston, SC
June 2004-July 2005, Mohs' Micrographic Surgery, Laser and Cosmetic Dermatology fellowship with Dr. Roy Geronemus, Laser & Skin Surgery Center of New York (WWW.laserskinsurgery.com)
August 2004 Board Certification by the American Academy of Dermatology
Oct 2005 accredited as a fellow in the College of Mohs' Micrographic Surgery
Current Position: Mohs Surgeon in solo practice in Richmond Virginia
Licensed to practice medicine in the state of Virginia

Scientific Publications:

- 1.) **Fisher, G.H.**, F.J. Rosenberg, S.E. Straus, J.K. Dale, L.A. Middleton, A.Y. Lin, W. Strober, M.J. Lenardo, and J.M. Puck. Dominant interfering Fas gene mutations impair apoptosis in a human autoimmune lymphoproliferative syndrome. 1995. *Cell*, 81:935
- 2.) Zheng, L., **G.H. Fisher**, R.E. Miller, J. Perschon, D.H. Lynch and M.J. Lenardo. Induction of apoptosis in mature T-cells by tumor necrosis factor. 1995. *Nature*, 377:348
- 3.) Lenardo, M.J., S. Boehme, L. Chen, B. Combadiere, **G. Fisher**, M. Freedman, H. McFarland, C. Pelfrey, and L. Zheng. Autocrine feedback death and the regulation of mature T lymphocyte antigen responses. 1995. *Intern. Rev. Immunol.*, 13:115
- 4.) **Fisher, G.H.**, M.J. Lenardo and J.C. Züinigâ-Pflücker. Synergy between Fas and TCR/CD3 in the deletion of mouse thymocytes. 1996. *Cell. Immunol.*, 169:99
- 5.) Zheng L., **Fisher, G.**, Combadiere B., Hornung F., Martin D., Pelfrey C., Wang J., Lenardo M. Mature T lymphocyte apoptosis in the healthy and diseased immune system. 1996. *Adv. in Exp. Med. & Biol.*, 406:229
- 6.) Martin DA, Zheng L, Siegel RM, Huang B, **Fisher, G.H.**, Wang J, Jackson CE, Puck JM, Dale J, Straus SE, Peter ME, Krammer PH, Fesik S, Lenardo MJ. Defective CD95/APO-1/Fas signal complex formation in the human autoimmune lymphoproliferative syndrome, type Ia. 1999. *Proc Natl Acad Sci*, 96(8):4552
- 7.) **Galen H. Fisher**, Sandra Orsulic, Eric Holland, Wendy P. Hively, Yi Li, Brian C. Lewis, Bart O. Williams, Harold E. Varmus. Development of a flexible and specific gene delivery system for production of murine tumor models. 1999. *Oncogene*, 18(38):5253-60
- 8.) **Galen H. Fisher**, Shari L. Wellen, David Klimstra, Joi M. Lenczowski, Jay W. Tichelaar, Martin J. Lizak, Jeffrey A. Whitsett, Alan Koretsky, and Harold E. Varmus. Induction and apoptotic regression of lung adenocarcinomas by regulation of a K-Ras transgene in the presence and absence of tumor suppressor genes. 2001 *Genes & Dev*. 15: 3249-3262 (cover photo as well)
- 9.) Pao W, Klimstra DS, **Fisher, G.H.**, Varmus HE Use of avian retroviral vectors to introduce transcriptional regulators into mammalian cells for analyses of tumor maintenance. *Proc Natl Acad Sci U S A*. 2003 Jul 22;100(15):8764-9. Epub 2003 Jul 11
- 10.) Vitale-Cross L, Amornphimoltham P, **Fisher, G.** Molinolo AA, Gutkind JS. Conditional expression of K-ras in an epithelial compartment that includes the stem cells is sufficient to promote squamous cell carcinogenesis. *Cancer Res*. 2004 Dec 15;64(24):8804-7

Areas of Clinical Expertise:

Mohs' Micrographic surgical treatment of skin cancers that are in delicate locations such as the nose, ears, lips,, hand/finger, genitalia, are poorly defined, recurrent from previous treatment or occurring in the young patient. As of January 2014 I have treated approximately 13,000 skin cancers with Mohs' surgery and achieved a local recurrence rate of approximately 1 case per 1,000 treated.

Reconstructive surgery, extensive experience, invited presentations and peer reviewed publications on facial reconstruction following skin cancer surgery

Laser therapy for all aspects of skin cosmesis (red spots, brown spots, hair removal, wrinkles)

Cosmetic dermatologic injection therapy (neurotoxins and fillers) for unwanted lines and facial contouring

Clinical Publications

- 1.) **Fisher, GH** and Lang, PG "Treatment of melanoma in situ on sun-damaged skin with topical 5% imiquimod cream complicated by the development of invasive disease". Arch Dermatol. 2003 Jul;139(7):945-7
- 2.) Bowen S, Gill M, Lee DA, **Fisher, G.** Geronemus RG, Vazquez ME, Celebi JT. Mutations in the CYLD gene in Brooke-Spiegler syndrome, familial cylindromatosis, and multiple familial trichoepithelioma: lack of genotype-phenotype correlation. J Invest Dermatol. 2005 May;124(5):919-20
- 3.) **Fisher, G.H.**, Geronemus RG. Short-term side effects of fractional photothermolysis (FRAXEL). Dermatol Surg. 2005 Sep;31(Pt 2):1245-9
- 4.) **Fisher, G.H.**, Kim KH, Bernstein LJ, Geronemus RG. Concurrent Use of a Handheld Forced Cold Air Device Minimizes Patient Discomfort during Fractional Photothermolysis (FRAXEL). Dermatol Surg. 2005 Sep;31(Pt 2):1242-4
- 5.) **Fisher, G.H.**, Jacobson LG, Bernstein LJ, Kim KH, Geronemus RG. Nonablative radiofrequency treatment of facial laxity. Dermatol Surg. 2005 Sep;31(Pt 2):1237-41
- 6.) **Galen H. Fisher,** Roy G Geronemus, Leonard Bernstein. Defect involving both the cutaneous and the vermilion lip. Dermatol Surg. 2006 Feb;32(2):287-9
- 7.) **Galen H. Fisher,** Joan Mones, Melissa Gill, Julide Tok Celebi, Roy G Geronemus. Mohs surgical extirpation of a basal cell carcinoma in a patient with familial multiple trichoepitheliomas. Dermatol Surg. 2005 Nov;31(11 Pt 1):1458-61
- 8.) **Galen H. Fisher** and Roy G Geronemus. Treatment of multiple familial trichoepitheliomas with a combination of aspirin and a neutralizing antibody to tumor necrosis factor alpha: A case report and hypothesis of mechanism. Arch Dermatol. 2006 Jun;142(6):782-3
- 9.) **Galen H. Fisher** and Roy G Geronemus Improvement of Familial Benign Pemphigus following treatment with Pulsed-Dye laser: a case report. Derm. Surg. 2006 Jul;32(7):966-8
- 10.) **Galen H. Fisher,** Suleman J Bangash, Joan Mones and Roy G Geronemus. Rapid growth of basal cell carcinoma in a multigestational pregnancy. Derm. Surg. 2006 Nov 32(11):1418-20
- 11.) **Galen H. Fisher** and William Joel Cook "The Interpolated paranasal flap as a novel and advantageous reconstructive option for nasal-alar reconstruction." Dermatol Surg. 2009 Apr;35(4):656-61.
- 12.) **Galen H. Fisher,** "Opaque Titanium and Zinc Sunscreen as an effective and versatile masking agent during laser hair removal, "the batik-masking approach"". Dermatol Surg. 2009 Jun;35(6):985-6.
- 13.) **Galen H. Fisher,** "Medium sized lower eyelid defect reconstructed with a bilobed flap". Dermatol Surg. 2010 May;36(5):683-6.
- 14.) Gilman L, **Fisher G** "Adjunctive use of primary nasal tip closure to facilitate local flap closure of challenging nasal defects." Dermatol Surg. 2010 Dec;36(12):2053-6
- 15.) **Galen H. Fisher,** "Reconstructive Conundrum: "Reconstruction of a full thickness soft triangle defect". Dermatol Surg. 2009 Dec;35(12):2009-12

- 16.) Showalter K, Maize J Jr., Altomare I, Fisher G. "Multiple Myeloma diagnosed secondary to analysis of a lytic bony lesion encountered during mohs micrographic surgery". Dermatol Online J. 2013 Aug 15
- 17.) **Clinical Instructional Bulletin Dr. Galen Fisher**, "Use of the 595 nm Pulsed Dye Laser for treatment of lentigos without the need for glass compression lens" **Candela Corporation**, December 2008 (this clinical bulletin describes a novel technique Dr. Fisher uses for treating unwanted lentigos, the bulletin is distributed by the company to all physicians who are using Pulsed Dye Laser Technology)

Book Chapters:

Galen H. Fisher and Roy G Geronemus. Laser-induced repigmentation of scars. Chapter 6 in "Procedures in Cosmetic Dermatology"; Treatment of Scarring, Edited by Dr. Ken Arndt. Elsevier Press 2006

Recent Presentations on Clinical Research at National Meetings:

- 1.) October, 2003, New Orleans, LA. American Society for Dermatologic Surgery and American College of Mohs Micrographic Surgery and Cutaneous Oncology Combined Annual Meeting. Poster Presentation entitled "Treatment of melanoma in situ on sun-damaged skin with topical 5% imiquimod cream complicated by the development of invasive disease"
- 2.) April 2004, Lake Buena Vista FL, American Society of Lasers in Medicine and Surgery. Main Platform presentation entitled "Treatment of acneiform scars with fractional photothermolysis: a series of 17 patients"
- 3.) October 2005, Atlanta GA, American Society for Dermatologic Surgery and American College of Mohs Micrographic Surgery and Cutaneous Oncology Combined Annual Meeting. Main Platform presentation entitled "Treatment of acneiform scars with fractional photothermolysis: a series of 17 patients"
- 4.) April 2006, Boston MA, American Society of Lasers in Medicine and Surgery. Main Platform presentation entitled "Treatment of acneiform scars with fractional photothermolysis"
- 5.) November 2006, Grand Rounds entitled "laser and reconstructive surgery". Medical College of Virginia, Richmond, VA,
- 6.) October, 2009, Invited Speaker on Laser Surgery at the Southeastern Dermatology Conference, hosted by the Medical University of South Carolina, Charleston South Carolina,
- 7.) May 2010, Invited Speaker on the "Interpolated Paranasal Flap", Annual Meeting of the American College of Mohs Surgery, New York, NY
- 8.) May 2011, "What is New in ENT/Plastic Surgery", Annual Meeting of the American College of Mohs Surgery, Las Vegas, NV
- 9.) May 2012, Invited panelist for "How would you reconstruct it?", Annual Meeting of the American College of Mohs Surgery, Chicago, IL