

Curriculum Vitae

Elaine S. Gilmore, MD, PhD

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EMPLOYMENT

Universal Dermatology, PLLC, Fairport, NY

Owner and Medical Director, July, 2015 - present

University of Rochester School of Medicine and Dentistry, Rochester, NY

Assistant Professor of Dermatology, 2008 – 2015

Medical Director, University Dermatology Associates, Henrietta

Director, Medical Student Dermatology Course/Clerkship

EDUCATION

Yale-New Haven Hospital, New Haven, Connecticut

Dept of Dermatology - Resident, 2004 – 2007; Research Fellow, 2006 - 2008

Stanford University Hospital, Palo Alto, California

Dept of Internal Medicine - Intern, 2003 – 2004

University of North Carolina School of Medicine, Chapel Hill, North Carolina

M.D., 1996 – 2003

University of North Carolina at Chapel Hill, Chapel Hill, North Carolina

Department of Cell & Molecular Physiology - Ph.D., 1998 - 2001

Providence College, Providence, Rhode Island

B.S. in Biology; B.A. in Chemistry - *Summa cum laude*, 1992 - 1996

HONORS AND AWARDS

University of Rochester

Brian P. Flanagan Resident Teaching Award, 2013

International Investigative Dermatology Meeting, "Poster Walk", Edinburgh, Scotland, 2013

7th World Congress on Itch, Travel Award, Boston, MA, 2013

Wilmot Cancer Research Fellowship Grant, 2011

Wilmot Cancer Center Lymphoma SPORE Career Development Award, 2011

Yale University School of Medicine

Dermatology Foundation Fellowship Grant, 2007

University of North Carolina School of Medicine

Member of Medical Scientist Training Program (MSTP)

Providence College

Roddy Foundation Scholarship, 1992-1996

PUBLICATIONS

1. Vegas O, Poligone B, Blackcloud P, **Gilmore ES**, VanBuskirk J, Ritchlin CT, Pentland AP, Walter SA, Nousari Y, Tausk F. Chronic social stress Ameliorates psoriasiform dermatitis through upregulation of the Hypothalamic-Pituitary-Adrenal axis. *Brain Behav Immun*. 2018 Feb;68:238-247.
2. Chen L, Hayden MS, **Gilmore ES**, Alexander-Savino C, Oleksyn D, Gillespie K, Zhao J, Poligone B. PKK Deletion in Basal Keratinocytes Promotes Tumorigenesis After Chemical Carcinogenesis. *Carcinogenesis*. 2017 Nov 22.
3. Kwon CW, Stephens DM, **Gilmore ES**, Tausk FA, Scott GA. Cutaneous Pseudolymphoma Arising as Wolf's Post-Herpetic Isotopic Response. *JAMA Dermatol*. 2017 Aug 23
4. Richardson CT, Hayden MS, **Gilmore ES**, Poligone B. Evaluation of the Relationship between Alopecia Areata and Viral Antigen Exposure. *Am J Clin Dermatol*. 2017 Aug 11.
5. Danial C, Adeduntan R, Gorell ES, Lucky AW, Paller AS, Bruckner AL, Pope E, Morel KD, Levy ML, Li S, **Gilmore ES**, Lane AT. Evaluation of Treatments for Pruritus in Epidermolysis Bullosa. *Pediatr Dermatol*. 2015 Sep-Oct;32(5):628-34.
6. Chung HJ, Wolpowitz D, Scott G, **Gilmore E**, Bhawan J. Squamous cell carcinoma with osteoclast-like giant cells: a morphologically heterologous group including carcinosarcoma and squamous cell carcinoma with stromal changes. *J Cutan Pathol*. 2015 Aug 14.
7. Brady K, Scott G, **Gilmore ES**. Cutaneous Metastasis from Penile Squamous Cell Carcinoma Resembling Carcinoma en Cuirasse. *Dermatology Online Journal*, March 20-3, 2015.
8. Polcari I, Moon A, Mathes EF, **Gilmore ES**, Paller AS. Headaches as a Presenting Symptom of Linear Morphea en Coup de Sabre. *Pediatrics*. 2014 Nov 17.
9. Poligone B, **Gilmore ES**, Alexander C, Oleksyn D, Gillespie K, Zhao J, Ibrahim S, Pentland AP, Brown M, Chen L. PKK Suppresses Tumor Growth and is Decreased in Squamous Cell Carcinoma of the Skin. *J Invest Dermatol*. 2014 Oct 6.
10. Danial C, Adeduntan R, Gorell ES, Lucky AW, Paller AS, Bruckner A, Pope E, Morel KD, Levy ML, Li S, **Gilmore ES**, Lane AT. Prevalence and Characterization of Pruritus in Epidermolysis Bullosa. *Pediatr Dermatol*. 2014 Sep 18.
11. Ahern K, **Gilmore ES**, Poligone B. Pruritus in cutaneous T-cell lymphoma: A review. *J Am Acad Dermatol*. 2012 Jan 26.
12. Gasser A, Cheng X, **Gilmore ES**, Tyrrell L, Waxman SG, Dib-Hajj SD. Two Nedd4-binding motifs underlie modulation of sodium channel Nav1.6 by p38 MAPK. *J Biol Chem*. 2010 Aug 20;285(34):26149-61.
13. *Fischer, TZ, ***Gilmore ES**, Estacion M., Eastman E., Taylor S., Melanson M., Dib-Hajj S.D., and Waxman S.G. A Novel Nav1.7 Mutation Producing Carbamazepine Responsive Erythromelalgia *Ann Neurol*. 2009 Jun;65(6):733-41.
*authors contributed equally to this work
14. Zayour M, **Gilmore E**, Heald P, Rose M, Poligone B, Lazova R. A distinct entity in the spectrum of the CD30+ cutaneous lymphoproliferative diseases: oligoclonal nodules with pseudoepitheliomatous hyperplasia followed by spontaneous resolution. *Am J Dermatopathol*. 2009 Feb;31(1):37-43.
15. **Gilmore E.S.**, Kulwichit, W. 2006. Immunocompromised Patients: HIV- And Non-HIV-Positive. *Manual of Dermatologic Therapeutics: With Essentials of Diagnosis*. 7th Edition. Lippincott Williams & Wilkins.

16. **Gilmore, E. S.**, Friedman J. and Morrell, D. Extensive fixed drug eruption secondary to vancomycin. *Pediatr Dermatol.* 2004 Sep-Oct;21(5):600-2.
17. Huang P, **Gilmore E**, Kultgen P, Barnes P, Milgram S, Stutts MJ. Local regulation of cystic fibrosis transmembrane regulator and epithelial sodium channel in airway epithelium. *Proc Am Thorac Soc.* 2004;1(1):33-7.
18. Donaldson, S. H., **Poligone, E. G.**, and Stutts, M. J. CFTR regulation of ENaC. *Methods in Molecular Medicine*, vol. 70: *Cystic Fibrosis Methods and Protocols*. Humana Press Inc., Totowa, NJ, 2002.
19. **Gilmore, E. S.**, Stutts, M. J., and Milgram, S.L. 2001. Src family kinases mediate epithelial Na⁺ channel inhibition by endothelin. *J Biol Chem.* Nov 9; 276(45):42610-7.
20. **Gilmore, E. S.**, Milgram, S. L., and Stutts, M. J. 1999. Regulation of the Epithelial Na⁺ Channel by c-Src Family Kinases. *Molecular Biology of the Cell*. Volume 10 Supplement.
21. **Gilmore, E. S.**, Milgram, S. L., and Stutts, M. J. 1999. Regulation of the Epithelial Na⁺ by Src Family Kinases. *Pediatric Pulmonology* Volume 28, Issue S19.

PRESENTATIONS/TEACHING

Local Presentations

“Management of Uremic Pruritus” **University of Rochester, Nephrology Grand Rounds, Rochester, NY November, 2012**

“Dermatologic Manifestations of Gastrointestinal Disease” **University of Rochester, Gastroenterology Morning Conference, January, 2013**

“Pathophysiology of Pruritus in Lymphoma” **Wilmot Cancer Center Grand Rounds, Rochester, NY January, 2013**

“Management of Uremic Pruritus” **Rochester General Hospital, Nephrology Grand Rounds, Rochester, NY April, 2013**

“Dermatology for the Primary Care Physician”, **Rochester General Hospital Internal Medicine Department, January, 2014**

“Occupational Contact Dermatitis”, **Department of Occupational Medicine, University of Rochester (broadcast throughout Northeast US), Rochester, NY February, 2014**

“Summer Skin Care”, **Church of the Assumption, Fairport, NY Apr, 2014**

“Diagnostic Approach to Allergic Contact Dermatitis”, **Finger Lakes Allergy Society, Rochester, NY Dec, 2014**

“Dermatology for the Primary Care Physician”, **Rochester General Hospital Internal Medicine Department, Rochester, NY March, 2015**

National & International Presentations

“Management of Pruritus in CTCL” **American Academy of Dermatology, Miami, FL, March, 2013**

“Pathophysiology of Itch in Lymphoma”, **American Academy of Dermatology, CTCL Forum, Denver, CO, March, 2014**

“Pathophysiology and Management of Itch in Lymphoma”, **American Academy of Dermatology, Approach to the Patient with CTCL Forum, San Francisco, CA, March, 2015**

Poster Presentations:

“Electrophysiologic Characterization of Itch-Inducing Lymphoma Cell Lines” **World Congress on Cutaneous Lymphomas, Berlin, Germany, February, 2013**

**International Investigative Dermatology Meeting, Edinburgh,
Scotland, May, 2013**
7th World Congress on Itch – Boston, Mass, September, 2013

Professional Associations/Membership: American Academy of Dermatology - American Contact Dermatitis Society - International Forum for the Study of Itch - International Society of Cutaneous Lymphoma - American Academy of Dermatology Diversity Mentorship Program 2010 – Mentor for Medical Student