



Maxwell A. Fung, M.D.

Clinical Interests	<p>Maxwell A. Fung, M.D. (Director) is Board-certified in Dermatology and Dermatopathology and has been engaged in the full-time practice of academic medicine as an attending physician for 18 years. Dr. Fung wears two patient care hats: one as a dermatopathologist who interprets skin biopsy specimens, and one as a dermatologist evaluating patients at the bedside (currently by physician-to-physician consultation only).</p> <p>His original research focuses on ways to improve diagnostic accuracy and communication between practicing dermatologists and dermatopathologists in ways that are practical and of immediate clinical relevance (eosinophils, alopecia, dermal hypersensitivity, dysplastic nevus, epidermotropism). Dr. Fung also enjoys collaborating with world class scientists in basic research endeavors (comparative transcriptomics, nanoparticles, galectin-3).</p>
Title	<p>Professor Vice Chair for Academic Personnel Director, UC Davis Dermatopathology Service</p>
Specialty	<p>Cancer, Dermatology, Pathology - Dermatopathology</p>
Department	<p>Dermatology</p>
Division	<p>Dermatology Dermatopathology</p>
Center/Program Affiliation	<p>UC Davis Comprehensive Cancer Center</p>
Address/Phone	<p>Cannery Building, Dermatology, 3301 C St. Suite 1300-1400 Sacramento, CA 95816 Phone: 916-734-6111</p>
Additional Phone	<p>Phone: 916-734-6373 Physician Referrals: 800-4-UCDAVIS (800-482-3284)</p>
Education	<p>M.D., UC San Francisco School of Medicine, San Francisco CA 1993 A.B., Stanford University, Stanford CA 1989</p>
Internships	<p>Internal Medicine, Beth Israel Hospital, Boston MA 1993-1994</p>
Residency	<p>Dermatology, UC San Francisco, San Francisco CA 1994-1997</p>
Fellowships	<p>Dermatopathology, Cornell Medical Center, New York NY 1997-1998</p>



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Board Certifications

American Board of Dermatology, 1997
American Board of Dermatology, Dermatopathology, 1998
American Board of Pathology, Dermatopathology, 1998

Professional Memberships

American Academy of Dermatology
American Society of Dermatopathology
College of American Pathologists
Dermatology Foundation
International Society of Dermatopathology

Honors and Awards

Excellence in Quality, UCDCM Quality & Safety Committee, 2015
Outstanding Faculty Member Award, UC Davis Department of Dermatology 2006, 2011
Faculty Teaching Award, UC Davis Department of Pathology & Laboratory Medicine, 2006
Omega Alpha Honor Medical Society- Elected as Faculty, 2005
Award for Excellence and Dedication in Teaching, UC Davis Department of Dermatology, 2003

Select Recent Publications

Millsop JW, Ho B, Kiuru M, Fung MA, Sharon VR. Cutaneous Hemophagocytic Lymphohistiocytosis: Bean Bags From the Bone. *JAMA Dermatol.* 2016 Aug 1;152(8):950-2.

Wilken R, Fung MA, Shi VY, Cheng MY, Patel F, Sultani H, Maverakis E. Cyclosporine-induced sebaceous hyperplasia in a hematopoietic stem cell transplant patient: delayed onset of a common adverse event. *Dermatol Online J.* 2016 Jan 15;22(1).

Gingrich AA, Fung MA, Konia T, Canter RJ. Locally Advanced Spiroadenocarcinoma in the Regional Axilla of a Breast Cancer Patient: Hallmarks of Definitive Diagnosis and Management. *Rare Tumors.* 2015 Sep 7;7(3):5912.

Shi VY, Tran K, Patel F, Leventhal J, Konia T, Fung MA, Wilken R, Garcia MS, Fitzmaurice SD, Joo J, Monjazebe AM, Burrall BA, King B, Martinez S, Christensen SD, Maverakis E. 100% Complete response rate in patients with cutaneous metastatic melanoma treated with intralesional interleukin (IL)-2, imiquimod, and topical retinoid combination therapy: results of a case series. *J Am Acad Dermatol.* 2015 Oct;73(4):645-54.



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Loh E, Armstrong AW, Fung MA. Pre-bisection of a single skin biopsy does not produce technically inadequate specimens for direct immunofluorescence: a review of 3450 specimens. *J Cutan Pathol.* 2014 Nov;41(11):890-2.

Fung MA, Sharon VR, Ratnarathorn M, Konia TH, Barr KL, Mirmirani P. Elastin staining patterns in primary cicatricial alopecia. *J Am Acad Dermatol.* 2013 Nov;69(5):776-82.

Nazerli RS, Tan C, Fung MA, Chen SL, Wong MS. Hidradenocarcinoma of the finger. *Ann Plast Surg.* 2013 Apr;70(4):423-6.

Choy DF, Hsu DK, Seshasayee D, Fung MA, Modrusan Z, Martin F, Liu FT, Arron JR. Comparative transcriptomic analyses of atopic dermatitis and psoriasis reveal shared neutrophilic inflammation. *J Allergy Clin Immunol.* 2012 Dec;130(6):1335-43.

Bouchlaka MN, Sckisel GD, Wilkins D, Maverakis E, Monjazeb AM, Fung M, Welniak L, Redelman D, Fuchs A, Evrensel CA, Murphy WJ. Mechanical disruption of tumors by iron particles and magnetic field application results in increased anti-tumor immune responses. *PLoS One.* 2012;7(10):e48049.

Sharon VS, Barr KL, Konia TH, Fung MA. Assessment of the 'no eosinophils' rule: are eosinophils truly absent in pityriasis lichenoides, connective tissue disease, and graft versus host disease? *Journal of Cutaneous Pathology.* 2012;39:413-8.

Fung MA. "Epidermotropism" versus "exocytosis" of lymphocytes 101: definitions of terms. *Journal of Cutaneous Pathology.* 2010;37:525-9.



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Saegusa, J, Hsu DK, Chen H-Y, Yu L, Fermin A, Fung MA, Liu F-T. Galectin-3 is critical for the development of the allergic inflammatory response in a mouse model of atopic dermatitis. *American Journal of Pathology*. 2009;174:922-31.

Fung M, M Murphy, D Hoss, A Berke, J Grant-Kels. The sensitivity and specificity of “caterpillar bodies” in the differential diagnosis of subepidermal blistering disorders. *American Journal of Dermatopathology*. 2003; 25:287-290.

Fung MA. Terminology and Management of Dysplastic Nevi: Responses from 145 Dermatologists. *Archives of Dermatology*. 2003;139:1374-5.

Fung MA. The clinical and histopathologic spectrum of so-called “dermal hypersensitivity reactions,” a non-specific histologic diagnosis that is not very helpful in clinical practice: and the concept of a “dermal hypersensitivity reaction pattern”. *Journal of the American Academy of Dermatology*. 2002;47:898-907.

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