

Mark Mochel, MD

Associate Professor of Pathology and Dermatology
Director of Dermatopathology
Department of Pathology
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Clinical Specialties: Dermatopathology, Surgical Pathology

Education

Postgraduate Medical Training

Fellowship, Dermatopathology, University of Pennsylvania, Philadelphia, PA

Residency, Anatomic and Clinical Pathology, Massachusetts General Hospital, Boston, MA

Medical Education

MD, University of Virginia School of Medicine, Charlottesville, VA

Undergraduate Education

BS, University of the South, Sewanee, TN

Licenses & Certifications

Medical Licenses (Current)

Board of Medicine, Commonwealth of Virginia

Board Certifications

Diplomate, Anatomic and Clinical Pathology, American Board of Pathology

Diplomate, Dermatopathology, American Boards of Pathology and Dermatology

Selected Awards & Honors

Best Resident/Fellow Oral Presentations, Second Place, American Society of Dermatopathology 50th Annual Meeting, 2013

Department Award for Poster Presentation, MGH Clinical Research Day, 2013

Alpha Omega Alpha, University of Virginia School of Medicine, 2010

Gold Humanism Honor Society, University of Virginia School of Medicine, 2010

Phi Beta Kappa, 2005

Editorial Advisory Boards

Assistant Editor, *Dermatologic Surgery*

Editorial Board, *Journal of Cutaneous Pathology*

Editorial Board, *Pediatric Dermatology*

Professional Service (outside)

Virginia Dermatology Society, Board Member, 2022-present

American Society of Dermatopathology, Diagnostic Quality Assurance

Committee, 2022-present; Peer Review Committee, 2020-2022; Continuing

Education and Research Committee, 2018-2020

Recent Invited Presentations

"Urgent and Emergent Dermatopathology." Virginia Society for Pathology Annual Meeting. Virginia Beach, VA. November 11, 2023. Lecture

"Evening Slide Symposium." American Society for Dermatopathology Annual Meeting. Chicago, IL. October 7, 2023. Presented first three cases.

Dermatopathology Bootcamp for Residents, 8th and 9th Annual, Eastern Virginia Medical School (Virtual), July 2021 and 2022, dermatopathology cases with upper level dermatology residents.

“Inpatient Skin Biopsies: Urgent and Emergent Diagnoses in Dermatopathology.” University of Pennsylvania Department of Pathology, January 2020, invited seminar for pathology residents.

Dermatopathology Bootcamp for Residents, 4th, 5th, 6th, and 7th Annual, Eastern Virginia Medical School and Virginia Commonwealth University, July 2017-2020, dermatopathology cases with upper level dermatology residents.

Selected Publications

Peer Reviewed Papers

Moran JMT, DeSimone MS, Mariño-Enríquez A, Russell-Goldman EE, Fletcher CDM, **Mochel MC**, Hoang MP. Malignant Proliferating Pilar Tumor: Clinicopathologic, Immunohistochemical, and Molecular Study of 17 Cases. *Am J Surg Pathol*. 2023 Oct 1;47(10):1151-1159. PMID: 37515420

Mochel MC, Wojcik J, Gowda M, Tye G, Patel RM, Smith SC. Pediatric Soft Tissue Neoplasms with BRAF Activating Mutations. *Mod Pathol*. 2022 Jul; 35(7):989-992. PMID: 34117348

Mochel MC, Elder DE. Characterizing the Clinical Implications of Histologic Regression in Melanoma Requires Clear Diagnostic Criteria That Are Consistently Applied. *JAMA Dermatol*. 2021 Aug 1;157(8):1006. PMID: 34190971

Mochel MC, Liaquat S, Moore JB, Hoang MP. Metastasizing basal cell carcinoma: A clinicopathologic and immunohistochemical study of twenty-two cases. *Journal of Cutaneous Pathology*. *J Cutan Pathol*. 2021 Mar;48(3):374-383. PMID: 33010047

Williams EA, Montesion M, Alexander BM, Ramkissoon S, Elvin JA, Ross JS, Williams KJ, Glomski K, Bledsoe JR, Tse JY, **Mochel MC**. CYLD mutation characterizes a subset of HPV-positive head and neck squamous cell carcinomas with distinctive genomics and frequent cylindroma-like histologic features. *Mod Pathol*. 2021 Feb;34(2):358-370. PMID: 32892208

Williams EA, Montesion M, Sharaf R, James C, Patel P, Gillespie B, Pavlick D, Sokol ES, Alexander BM, Williams KJ, Elvin JA, Ross JS, Ramkissoon S, Hemmerich A, Tse JY, **Mochel MC**. CYLD-mutant cylindroma-like basaloid carcinoma of the anus: a genetically and morphologically distinct class of HPV-related anal carcinoma. *Mod Pathol*. 2020 Dec;33(12):2614-2625. PMID: 32461623

Berg SH, Massoud CM, Jackson-Cook C, Boikos SA, Smith SC, **Mochel MC**. A Reappraisal of Superficial Pleomorphic Liposarcoma. *Am J Clin Pathol*. 2020 Aug 5;154(3):353-361. PMID: 32525520

Williams EA, Montesion M, Shah N, Sharaf R, Sokol ES, Alexander BM, Venstrom JM, Elvin JA, Ross JS, Williams KJ, Tse JY, **Mochel MC**. Melanoma with In-Frame Deletion of MAP2K1: A Distinct Molecular Subtype of Cutaneous Melanoma Mutually Exclusive from BRAF, NRAS, and NF1 Mutations. *Mod Pathol*. 2020 Dec;33(12):2397-2406. PMID: 32483240

Williams EA, Werth AJ, Sharaf R, Montesion M, Sokol ES, Pavlick DC, McLaughlin-Drubin M, Erlich R, Toma H, Venstrom JM, Alexander BM, Shah N, Danziger N, Killian JK, Lin D, Ross JS, Tse JY, **Mochel MC**, Elvin JA. Vulvar squamous cell carcinoma: comprehensive genomic profiling of HPV(+) versus HPV(-) forms reveals distinct sets of potentially actionable molecular targets. *JCO Precis Oncol*. 2020;4, 647-661. PMID: 32923875

Williams EA, Shah N, Montesion M, Sharaf R, Pavlick DC, Sokol ES, Alexander BM, Venstrom JM, Elvin JA, Ross JS, Tse JY, **Mochel MC**. Melanomas with Activating RAF1 Fusions: Clinical, Histopathologic, and Molecular Profiles. *Mod Pathol*. 2020 Aug;33(8):1466-1474. PMID: 32123303

Colon-Cartagena L, Wang GY, Idowu MO, Smith SC, **Mochel MC**. SOX10-Positive Perivascular Cells in Sentinel Lymph Nodes: A Reliably Intrinsic Internal Control. *J Cutan Pathol*. 2020 Apr;47(4):415-417. PMID: 31894865