

Justin Chang, MD



Assistant Professor of Pathology
Surgical Pathology and Cytopathology
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Education

Postgraduate Medical Training

2025 - 2026 Cytopathology Fellowship, VCUHS, Richmond, VA

2021 - 2025 Anatomic and Clinical Pathology Residency, VCUHS, Richmond, VA

Medical Education

Doctor of Medicine, VCU School of Medicine, Richmond, VA

Graduate Education

Master of Science, Johns Hopkins University, Baltimore, MD

Licenses & Certifications

Medical License Active

Commonwealth of Virginia

Board Certification

2025 American Board of Pathology, Anatomic and Clinical Pathology

Selected Awards

2023 Celeste N. Powers Award for Excellence in Cytopathology, VCUHS

2023 Society of '67 Kinney Scholar, Association of Pathology Chairs

2017 NIH Director's Award - Scientific/Medical

Virginia Commonwealth University & Medical Center Appointments

2026 Assistant Professor, Department of Pathology, VCUHS

VCU Service

2024 - 2025 Chief Resident, Department of Pathology, VCUHS

Professional Organizations

College of American Pathologists

American Society for Clinical Pathology

United States and Canadian Academy of Pathology

Virginia Society for Pathology

Digital Pathology Association

Recent Invited Presentations

2026 Grand Rounds, Department of Pathology, VCUHS, Keratin-Positive Melanoma: Cytomorphologic Features and Diagnostic Pitfalls in Small Specimens

2025 Grand Rounds, Department of Pathology, VCUHS, Evaluating Realism of AI Generated Cytology Images

2024 Virginia Society for Pathology, A Curious Case of ALK Positivity: When Spindle Cells Get Misidentified

Selected Publications

Peer Reviewed Publications

Chang JR, Wong A, Diaz-Perez JA, Cai C, Mochel MC. Pediatric Post-Vaccine Aluminum Granuloma: Morin Stain as a Diagnostic Aid. *Journal of Cutaneous Pathology*, February 24, 2025. doi:10.1111/cup.14797.

Chang J, Greenwood AC, Kidd C, Diaz-Perez JA, Smith SC. An ALK Immunohistochemical Pitfall: ALK-Positive Histiocytosis Versus Angiomatoid Fibrous Histiocytoma. *International Journal of Surgical Pathology*. 2025;0(0). doi:10.1177/10668969241308201.

Francis AA, Newsom M, **Chang J**, Smith S, Mountziaris PM, et al (2024) Giant Dermatofibrosarcoma Protuberans Originating from a Keloid Scar-A Case Report and Review. *Ann Case Report*. 9: 1930. <https://doi.org/10.29011/2574-7754.101930>.

Kanakaraj J, **Chang J**, Hampton LJ, Smith SC. The New WHO Category of "Molecularly Defined Renal Carcinomas": Clinical and Diagnostic Features and Management Implications. *Urol Oncol*. Published online March 2024. doi:10.1016/j.urolonc.2024.02.003.

Book Chapters

Chang J, Hatfield B. Advancements in computer vision and pathology: Unraveling the potential of artificial intelligence for precision diagnosis and beyond. *Adv Cancer Res*. 2024;161:431-478. doi:10.1016/bs.acr.2024.05.006.

Kwon YIC, Bashian E, Bashian E, **Chang J**, Robila V, Shah K, Makkiya M, Hashmi Z (2025). Infiltrative Cardiomyopathies: Pathophysiology and Implications for Heart Transplantation. *Cardiomyopathy - A Comprehensive Overview*. doi:10.5772/intechopen.1012594.

Media

Hiemenz M, **Chang J**. DNA methylation to the rescue: An update for pathologists navigating the future of precision tumor diagnostics. Published online, *College of American Pathologists*, January 2025.

Posters and Abstracts

Chang J, Kidd C, Hatfield B. Pathologists vs. Generative AI: A Turing Test for Synthetic Bone Marrow Cytology Images. *Pathology Visions Annual Meeting*, 2025.

Terzioglu HG, Trabzonlu L, Ely K, **Chang J**, Robila V, Kilic AI, Sanchez S, Maleki Z, Barkan G. (2025). Standardizing renal FNA: Multicenter validation of a seven-tier reporting system. *Laboratory Investigation* 106(3):104628.

Gwilliam K, **Chang J**, Colon-Cartagena L, Zot P, Smith S, Jackson-Cook C. Development and Clinical Utility of a Whole Genome SNP/Copy Number Microarray for Assessment of Mesenchymal Tumors. *Association for Molecular Pathology Annual Meeting*, 2025.

Chang J, Diaz-Perez J, Smith SC. An Anaplastic Lymphoma Kinase (ALK) Immunohistochemical Pitfall: ALK-positive Histiocytosis versus Angiomatoid Fibrous Histiocytoma. *American Journal of Clinical Pathology*. 2024;162(Suppl 1):S10. doi:10.1093/ajcp/aeae129.021.

Chang J, Kidd C, Hatfield B. Synthetic cytology images of diagnostic quality by a stable diffusion model for trainee education. Pathology Visions 2023 Overview, *Journal of Pathology Informatics*, 2024, 100362, ISSN 2153-3539, <https://doi.org/10.1016/j.jpi.2024.100362>.

Chang J, Smith S, Mochel M. Folliculocystic and collagen hamartoma of tuberous sclerosis complex: a report of five cases from two patients, with histopathologic features mimicking dissecting cellulitis of the scalp. *ASDP 60th Annual Meeting Abstracts*, 2023.