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Education

Postgraduate

2014 - 2015 Post-Doctoral Fellowship, Hematopathology, Department of Pathology, Virginia Commonwealth University Health System, Richmond, VA

2012 - 2013 Post-Doctoral Fellowship, Medical Microbiology, Department of Pathology, Johns Hopkins University School of Medicine

2011 - 2012 AP/CP Residency, Chief Resident, Department of Pathology
Virginia Commonwealth University Health System, Richmond, VA

Medical Education

2004 - 2008 MD, West Virginia University School of Medicine, Morgantown, WV

Undergraduate Education

2001 - 2003 Bachelor of Science, Biochemistry Virginia Polytechnic Institute and State University, Blacksburg, VA

1997 - 2001 Bachelor of Science, Clinical Laboratory Sciences Medical College of Virginia-Virginia Commonwealth University, Richmond, VA

Licenses & Certifications

Medical Licenses

2026 Commonwealth of Virginia

Board Certifications

2015 American Board of Pathology, Hematology

2013 American Board of Pathology, Medical Microbiology

2012 American Board of Pathology, Anatomic Pathology and Clinical Pathology

Professional Organizations

American Society for Clinical Pathology
College of American Pathologists
United States and Canadian Academy of Pathology
International Society for Laboratory Hematology
Richmond Academy of Medicine

Awards

2012 Fergus O. Shiel Award for Excellence in Medical Student Teaching
2011 Clinical Pathology Service Award
2019 Saul Kay Faculty Teaching Award

Recent Publications

Publications

Bledsoe JR, Ferry JA, Li J, Sassoon A, Stonhill MA, Siegele B, Liang X, **Dalton J**, Mochel MC, Ivanshkevich Y, Johari V, Sadigh S, Selove W, Sood S, Ward N, Woda B, Degar B, Feraco AM, Rowe J, Davies K, Al-Ibraheemi A, Amador C, Kovach A, Fleming MD, Harris MH, Tsai HK. Recurrent SWI/SNF deficiency defines a subset of peripheral T-cell lymphoma with distinct clinicopathologic features. *Modern Pathology*. 2026;39(7):101015. Online ahead of print.

Jones T, Lefebvre, M, Reyes M, Dalton J, Shishido A, Friedel D. Fever in a man with uncontrolled HIV. *Clinical Infectious Diseases*. 2026;82(6):1091-95. Gillam J, Catic A, Paulraj P, **Dalton J**, Lai G, Jackson-Cook C, Turner S, Ferreira-Gonzalez A, Barrie E. Acute megakaryoblastic leukemia with trisomy 3 and CBFA2T3::GLIS2: A case report. *Genes Chromosomes Cancer*. 2022;61:491-496

Gillam J, Catic A, Paulraj P, **Dalton J**, Lai G, Jackson-Cook C, Turner S, Ferreira-Gonzalez A, Barrie E. Acute megakaryoblastic leukemia with trisomy 3 and CBFA2T3::GLIS2: A case report. *Genes Chromosomes Cancer*. 2022;61:491-496.

Pierce J, **Dalton J**, Stevens M, Godwin M, Hill A, Doern C, Bryson A. 28-year-old man with an organism extracted from the eyelid. *Clinical Infectious Diseases*. 2021;72(11):2049-2051

Riley R, Gandhi P, Harley S, Garcia P, **Dalton J**, Chesney A. A synoptic reporting system to monitor bone marrow aspirate and biopsy quality. *Journal of Pathology Informatics*. 2021;12:23. PMID 3447603

Godbey EA, **Dalton JB**, Lai G, Sanford KW, Roseff SD. First reported case of leukocytapheresis in plasma cell leukemia. *Transfusion*. 2020;60(1):11-12

Riley RS, Gilbert A, **Dalton J**, Pai S, McPherson RA. Widely used types and clinical applications of D-Dimer assay. *Laboratory Medicine*. 2016;47(2):90-102

Suwantarat N, **Dalton JB**, Lee R, Green R, Memon W, Carroll KC, Reidel S, Zhang SX. Large-scale clinical validation of a lateral flow immunoassay for the detection of cryptococcal antigen in serum and cerebrospinal fluid specimens. *Diagnostic Microbiology and Infectious Disease*. 2015;82(1):54-6

Reller ME, Chen WH, **Dalton JB**, Lichay MA, Dumler JS. Multiplex 5' Nuclease Quantitative Real-Time PCR for the Clinical Diagnosis, Speciation, and Epidemiologic Evaluation of Malaria, including *Plasmodium knowlesi*. *Journal of Clinical Microbiology*. 2013;51(9):2931-2938

Bell WR, **Dalton JB**, McCall CM, Karram S, Pearce DT, et al. Iatrogenic *Exserohilum* infection of the central nervous system: mycological identification and histopathological findings. *Modern Pathology*. 2013;26(2):166-170

Abstracts

Van Buskirk S, **Dalton J**, Jayakumar R. Blast phase of chronic myeloid leukemia with both erythroid and basophil precursors following treatment with a second-generation tyrosine kinase inhibitor. Abstr. Annual Meeting of the American Society for Clinical Pathology. Atlanta, GA. 2025

Ye Mon M, **Dalton J**, Turner S, Barrie E, Jayakumar R. Reassessing MRD detection: SPEP and IFE outperform routine bone marrow diagnostic studies in resource-limited settings. Abstr. Annual Meeting of the American Society for Clinical Pathology. Atlanta, GA. 2025

Dalton J and Anderson M. From Diagnostic Ambiguity to Genetic Clarity: AML with germline predisposition GATA2 Deficiency. Platform Poster Presentation. Joint Society for Hematopathology/EAHP Workshop in Cincinnati, OH. 2025
Christensen J, Yakubu I, **Dalton J**, Moinuddin I, Morales M, Gupta G. Duration of Antibody Response to Tixagevimab/Cilgavimab in Kidney Transplant Recipients. Abstract, American Transplant Congress 2023

Dalton J, Catic A, Barrie E, Turner S, Ferreira-Gonzalez A, Jackson-Cook C, Lai G, Paulraj P. Trisomy 3 and CBFA2T3-GLIS2 fusion in a child with acute megakaryoblastic leukemia without Down syndrome. Abstract, 2021 ACMG Annual Clinical Genetics Meeting. 2021

Karrs JX, Ferreira-Gonzalez A, Vlagos C, Riley R, Wilkinson DS, **Dalton J**, Idowu M, Jackson-Cook C. A Complex Four-Break Rearrangement Involving Chromosomes 9, 15, 17, and 22—Integration of Multiple Techniques to Resolve a Leukemia Diagnosis. Abstr. Annual Meeting of the United States and Canadian Academy of Pathology. 2018. USCAP, Augusta, GA.

Dalton J, Salee P, Dionne K, Carroll K, Parrish N. 2013. Development and Optimization of a Novel Extraction Method for Identification of Mycobacteria Using MALDI-TOF MS. Poster LB-09. Abstr. 113th General Meeting, American Society for Microbiology. ASM, Washington, D.C.

Lichay M, **Dalton J**, Reller M, Dumler JS. 2013. Integration of Plasmodium knowlesi into a Multiplex Real-Time PCR Assay for Detection of Plasmodium Species. Poster 935. Abstr. 113th General Meeting, American Society for Microbiology. ASM, Washington, D.C.