

Justin B. Dalton, MD



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Director of Clinical Immunology Laboratory
Department of Pathology
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Licenses & Certifications

Medical Licenses

Virginia

Board Certifications

American Board of Pathology (Hematology)

American Board of Pathology (Medical Microbiology)

American Board of Pathology (Anatomic Pathology and Clinical Pathology)

Certified Medical Technologist (American Society for Clinical Pathology)

Education

Postgraduate Medical Training

Post-Doctoral Fellowship, Hematopathology

Department of Pathology, Virginia Commonwealth University Medical Center

Post-Doctoral Fellowship, Medical Microbiology

Department of Pathology, Johns Hopkins University School of Medicine

AP/CP Residency (Chief Resident), Department of Pathology

Virginia Commonwealth University Medical Center

Medical Education

M.D., West Virginia University School of Medicine, Morgantown, WV

VCU and Medical Center Appointments

Medical Director, Sheltering Arms Institute Laboratory
Director, Clinical Immunology Lab
Medical Director, Children's Hospital of Richmond Children's Pavilion Lab
Assistant Professor

Professional Organizations

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

Awards

May 2012 - Fergus O. Shiel Award for Excellence in Medical Student Teaching
Virginia Commonwealth University Medical Center

May 2011 - Clinical Pathology Service Award
Virginia Commonwealth University Medical Center

June 2019 – Saul Kay Faculty Teaching Award
Virginia Commonwealth University Medical Center

Recent Publications

Publications

Riley RS, Ghandi P, Harley S, **Dalton J**, Chesney A. A synoptic reporting system to monitor bone marrow quality. Manuscript in preparation.

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

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, DC.

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, DC.